

FINAL PROGRAMME



17th ESSKA Congress

4-7 May 2016

Barcelona, Spain

www.esska-congress.org





ESSKA

The European Society of Sports Traumatology,
Knee Surgery and Arthroscopy

What is ESSKA?

ESSKA represents Europe in the fields of degenerative disease and sports medicine.

ESSKA achieves this by

- bringing together the practitioners: orthopaedic doctors, the surgeons and their various societies;
- fostering research and education, and the exchange of clinical and scientific information;
- organising courses, congresses and fellowship programmes;
- publishing its journals, books and newsletter to keep its members at the forefront of developments.



What are the Benefits of ESSKA Full Membership?*

- A monthly copy of, and online access to, the KSSTA journal;
- More than 40% reduction on the registration fee for ESSKA's Biennial Congresses;
- Reduced registration fees for certain ESSKA events;
- 33% reduction on ESSKA publications;
- Exclusive access to premium content on the ESSKA Academy, our online educational platform;
- Free subscription to the ESSKA Newsletter, published twice a year;
- Access to various ESSKA educational and fellowship programmes;
- The right to vote at the General Meeting, serve on ESSKA committees, and apply for section membership

*Check our website for membership restrictions



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Want to join?

If you wish to join ESSKA or renew your membership, **please visit the ESSKA booth during the Congress** or go to www.esska.org/membership



ESSKA looks forward to welcoming you to its biennial Congress in Barcelona and invites you to become part of our growing community. Join the Congress and join the Society!

Matteo Denti (ESSKA President)

Barcelona is an experienced and professional congress destination. Most of the meetings held in Barcelona finish with record-breaking participation numbers. All you have to do is get on a plane to Barcelona!



Joan C. Monllau (Congress President)



We are proud to welcome an outstanding faculty and respected specialists for our programme. Do not miss the Highlight Lectures and the speciality days of ESSKA's sections AFAS, ESA and EKA!

Roland Becker (Scientific Chairman)

Don't miss the exercise-based cadaver-lab pre-course, the live surgical demonstrations with the latest techniques and the lounge e-poster area!



Pablo E. Gelber (Scientific Chairman)



ESSKA Congress, Barcelona 2016: Professional innovation, interactivity in symposia and debates with state-of-the-art Instructional Course Lectures and ICL book. Be there!

Gino M. Kerkhoffs (Scientific Chairman)

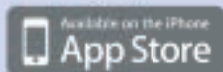
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and abstracts has never been easier!
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so make sure you have downloaded the app
before you are asked to vote or send in questions!*



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Welcome addresses	1
Important sessions – do not miss!	4 - 5
Overview: ICL per day	6 - 7
Timetables / Programme at a glance	10 - 17
Scientific Programme, Wednesday, 4 May 2016	18 - 47
Scientific Programme, Thursday, 5 May 2016	48 - 79
Scientific Programme, Friday, 6 May 2016	80 - 116
Scientific Programme, Saturday, 7 May 2016	118 - 139
Jornada de Enfermería	140 - 141
Cadaver-lab Pre-Courses	142 - 143
E-posters	146 - 211
Faculty	212 - 237
Board of reviewers	238 - 239
Lunch workshops	242 - 253
Partners of the 17th ESSKA Congress	254 - 257
List of exhibitors	258 - 259
Floorplan, Main level – Exhibition & Plenary	260 - 261
Floorplan, Level P1 – Lectures & workshops	262 - 263
ESSKA Educational Programme	264 - 268
Announcement of 18th ESSKA Congress 2018	269
Awards' Juries	270
Awards' Winners	271
General information	272 - 280
Travel information & how to get around	281
Access map	282 - 283
Getting around Barcelona	284
Social Programme	286 - 287
ESSKA Dinner & Party	288



Wednesday, 4 May 2016

Time	Title	Room
8:15-8:30 h	Congress opening	Plenary
8:30-9:00 h	Highlight Lecture by Jon Karlsson Controversies in ACL surgery – What we know and where do we need to improve?	Plenary
9:30-10:00 h	Highlight Lecture by Jin Hwan Ahn Meniscus lesions – How to deal with	Plenary
11:00-12:00 h	Star Paper Session	Plenary
16:30-18:30 h	UEFA-ESSKA Football Medicine: Substantial development during recent years	111
17:30-19:00 h	European Handball Federation: Handball injuries – Characteristics, prevention and rehabilitational aspects	114
18:15-19:15 h	AFAS Members' business meeting	117
18:30-19:30 h	ESA Members' business meeting	112
19:15-20:45 h	Welcome Reception	Banquet Hall

Thursday, 5 May 2016

Time	Title	Room
9:00-9:30 h	Ejnar Eriksson Lecture by Giancarlo Puddu Ligament surgery: The best of two teachers	Plenary
9:30-10:00 h	Presidential Lecture by Matteo Denti	Plenary
10:00-10:10 h	Presentation of ESSKA Congress 2018 in Glasgow	Plenary
14:00-15:30 h	ESSKA General Assembly	Plenary
18:15-18:45 h	Social lecture by Miguel Torres Climate change and its consequences on Spanish vineyards	Plenary
18:45-19:30 h	Wine Tasting	Plenary



Friday, 6 May 2016

Time	Title	Room
9:00-9:30 h	Highlight Lecture by Vicente Sanchís Alfonso How to deal with anterior knee pain?	Plenary
9:30-10:00 h	Highlight Lecture by Richard Villar Hip arthroscopy – What is proven, what is not?	Plenary
12:15-13:45 h	KSSTA Journal and Reviewer Course	112
14:00-14:30 h	ESSKA Awards	Plenary
18:00-19:00 h	EKA Members' business meeting (including EKA travelling fellowship presentation)	117
20:30-1:00 h	ESSKA Dinner & Party	Foyer

Overview
Timetables

Scientific Programme
Wednesday

Saturday, 7 May 2016

Time	Title	Room
10:30-11:00 h	Highlight Lecture by Peter Angele Cartilage repair – Where are we?	Plenary
11:00-11:30 h	Ham Break	Foyer P1

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses

And we would love to see you again
next time.

9 – 12 May 2018

18th ESSKA Congress
in Glasgow, Scotland, UK

See You in Glasgow

18th ESSKA Congress
9 – 12 May 2018

Glasgow, Scotland, UK

ESSKA
PEOPLE MAKE GLASGOW

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Gino M. Kerkhoffs (The Netherlands)
Fares S. Haddad (UK)
Michael T. Hirschmann (Switzerland)

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INTER CONGRESS
inspires. effects!



Thursday, 5 May 2016

07:30 - 08:55 h

Room	Title	Moderation	see page
Plenary	ICL04: Common errors in ACL surgery	<i>Monllau J. (Spain), Williams A. (United Kingdom)</i>	48
111	ICL02: Biceps tendinopathy	<i>Poberaj B. (Slovenia), Taverna E. (Italy)</i>	52
112	ICL01: Management of PCL injuries	<i>Fink C. (Austria), Margheritini F. (Italy)</i>	56
113	ICL05: Stress fractures in sports	<i>Darabos N. (Croatia), Vioreanu M. (Ireland)</i>	61
114	ICL06: Management of meniscus root tears	<i>Kopf S. (Germany), Pujol N. (France)</i>	65
115	ICL07: All arthroscopic anatomic ligament reconstruction for chronic ankle instability	<i>Guillo S. (France), Vega J. (Spain)</i>	69
116	ICL08: Proximal hamstring injuries	<i>Engebretsen L. (Norway), Tol H. (Netherlands)</i>	72
117	ICL03: Recent advances in cartilage repair	<i>Madry H. (Germany), Peretti G. (Italy)</i>	77

Friday, 6 May 2016

07:30 - 08:55 h

Room	Title	Moderation	see page
Plenary	ICL10: Posterolateral corner reconstruction. New algorithm of treatment and mini open techniques	<i>Fritsch B. (Australia), Gelber P. (Spain)</i>	80
111	ICL12: Update in labral reconstruction	<i>Lampert C. (Switzerland), Tey-Pons M. (Spain)</i>	87
112	ICL09: New horizons in meniscus replacement	<i>Spalding T. (United Kingdom), Verdonk P. (Belgium)</i>	91
113	ICL13: Elbow instability	<i>Safran M. (United States of America), van den Bekerom M. (Netherlands)</i>	97
114	ICL14: Peroneal tendon pathology – update from anatomy to surgery	<i>Kennedy J. (United States of America), Kerkhoffs G. (Netherlands)</i>	102
115	ICL15: Posterior shoulder dislocation	<i>Brzoska R. (Poland), Milano G. (Italy)</i>	106
117	ICL11: How to identify the optimal surgical intervention for your osteoarthritic patient	<i>Hirschmann M. (Switzerland), Kort N. (Netherlands)</i>	113



Saturday, 7 May 2016

09:00 - 10:25 h

Room	Title	Moderation	see page
Plenary	ICL16: Basic science in osteoarthritis	<i>Cucchiariini Madry Magali (Germany), Pape D. (Luxembourg)</i>	118
111	ICL18: Anatomy of the shoulder: Anatomist and surgeon point of view	<i>Calvo Diaz A. (Spain), Randelli P. (Italy)</i>	120
112	ICL17: The posterior compartment of the ankle joint	<i>Haverkamp D. (Netherlands), Pereira H. (Portugal)</i>	122
113	ICL20: Elbow arthroscopy: From basic to advance	<i>Pederzini L. (Italy), van Riet R. (Belgium)</i>	125
114	ICL21: Complication in rotator cuff treatment	<i>Nebelung W. (Germany), Toussaint B. (France)</i>	127
115	ICL22: Clinical utility of echography in athlete with tendinopathy	<i>Abat F. (Spain)</i>	130
116	ICL23: How to make a video	<i>Graveleau N. (France), Tecklenburg Katja (Austria)</i>	133
117	ICL19: Bony defects in revision ACL surgery	<i>Feller J. (Australia), Siebold R. (Germany)</i>	136

Overview
Timetables

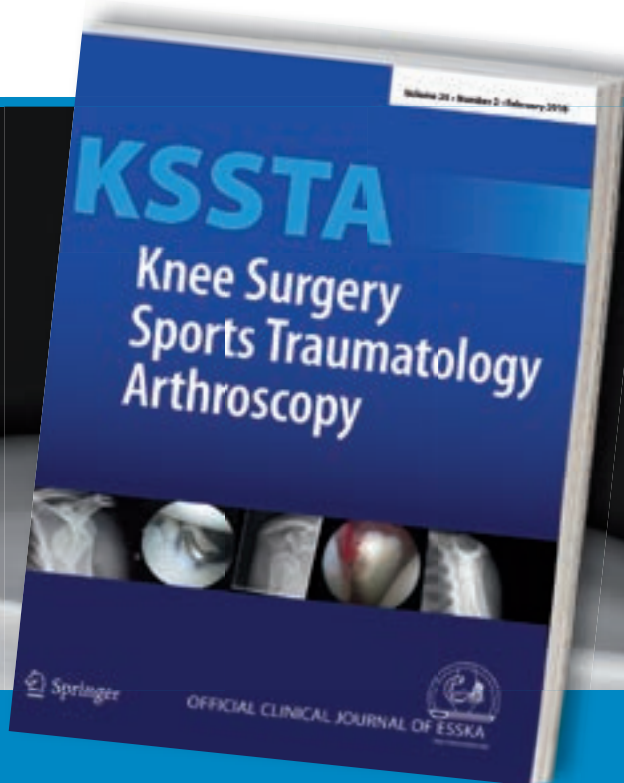
Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



KSSTA

Knee Surgery, Sports Traumatology, Arthroscopy

The official clinical journal of ESSKA

- Peer-reviewed articles that deal with diagnosis, management and research
- Covering all aspects of knee surgery, sports trauma, diagnosis, and treatment and prevention

Free for members of ESSKA

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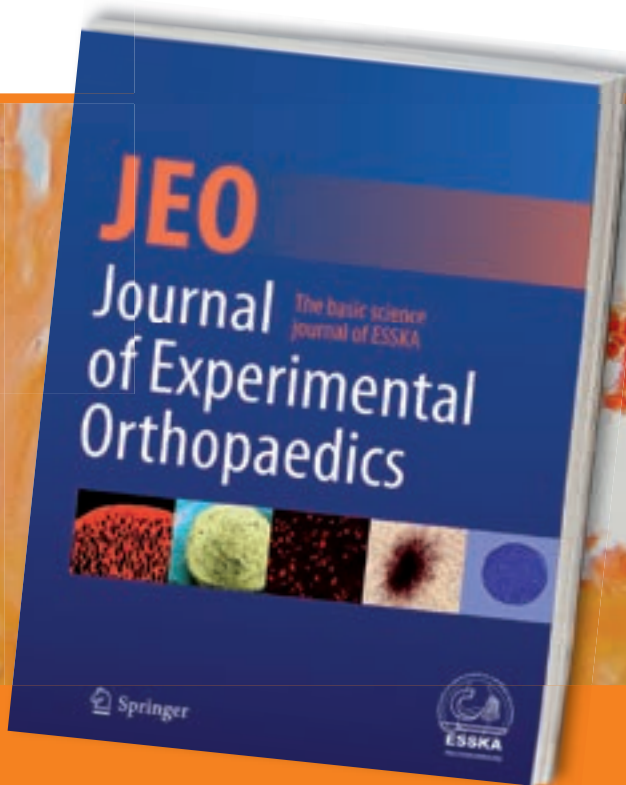
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IN PUBMED



JEO

The basic science journal of ESSKA



JEO

Journal of Experimental Orthopaedics

The basic science journal of ESSKA

The Journal of Experimental Orthopaedics is an international journal that aims to bridge the gap between orthopaedic basic science and the clinics.

It publishes papers related to the entire field of experimental orthopaedics, including physiological, pathological and therapeutic aspects of cartilage, bone, tendons and ligaments and other musculoskeletal tissues.

The journal ensures rapid peer-review and publication of high quality papers.

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Time	Plenary	111	112 (ESA)	
8:00				
8:15	Congress opening			
8:30	Highlight Lecture by Jon Karlsson			
8:45				
9:00	Free Papers: ACL technique comparison	Live surgical demonstration (ESA)	Free Papers: Shoulder instability II	
9:15				
9:30	Highlight Lecture by Jin Hwan Ahn			
9:45				
10:00	Coffee break, visit of industrial exhibition			
10:15				
10:30	National Society Award Winner Session	Return to sport after ACL injuries	Shoulder: State of the Art – Treatment guidelines for different pathologies	
10:45				
11:00	Star Paper Session	Live surgical demonstration – Anterolateral tenodesis: old surgery but with evidence-base	Free Papers: Shoulder instability I	
11:15				
11:30				
11:45				
12:00	Lunch break, visit of industrial exhibition			
12:15				
12:30	Lunch Workshops Details see page 242-253 Lunch Workshops			
12:45				
13:00				
13:15				
13:30	Lunch break, visit of industrial exhibition			
13:45				
14:00	ACL Reconstruction: A global perspective with an evidence based approach	Basic science in football AC joint dislocation	Free Papers: Shoulder AC joint I	
14:15				
14:30			AC joint dislocation	
14:45				
15:00	APKASS-ESSKA: Knee function after ACL reconstruction	Precompetitive evaluation and injury prevention in football	Free Papers: Shoulder AC joint II	
15:15				
15:30				
15:45				
16:00	Coffee break, visit of industrial exhibition			
16:15				
16:30	Knee kinematics after ACL reconstruction: What do we have to know?	UEFA-ESSKA Football Medicine: Substantial development during recent years How to treat shoulder instability in non-contact athletes with glenoid bone loss	Subscapularis tendon	
16:45				
17:00			How to treat shoulder instability in non-contact athletes with glenoid bone loss	
17:15				
17:30	Keynote lecture by Hideyuki Koga			
17:45	Free Papers: ACL and return to sports			
18:00				
18:15	Return to play after ACL reconstruction	Free Papers: ACL function evaluation	*ESA Members only* ESA Members' business meeting	
18:30				
18:45				
19:00				
19:15				
19:30				
19:45				
20:00				



113	114	117 (AFAS)	E-posters	Time
				8:00
			Wednesday - Friday	8:15
			Ankle/Foot	8:30
				8:45
Free Papers: Patella		Free Papers: Foot & ankle I	Elbow/Wrist	9:00
				9:15
			Head/Spine	9:30
				9:45
Coffee break, visit of industrial exhibition			Injury prevention	10:00
				10:15
Keynote lecture by Andrew Amis			Muscle/Tendon	10:30
Free Papers: Patellofemoral instability	AOSSM-ESSKA: Evidence based aspects in Sports Medicine	Lateral ankle ligament reconstruction: open vs. arthroscopic	Basic science – other	10:45
			Basic science – knee	11:00
Travelling fellows presentation	Free Papers: ACL long term outcomes	Debate AFAS: My most challenging trauma case Voting	Basic science – other	11:15
			Basic science – knee	11:30
			Pelvis-Hip-Groin	11:45
Lunch break, visit of industrial exhibition				12:00
Lunch Workshops Details see page 242-253 Lunch Workshops			AC-joint/Biceps tendon	12:15
				12:30
			Shoulder – degenerative	12:45
			Shoulder – instability	13:00
			Shoulder – rotator cuff	13:15
				13:30
Keynote lecture by Jan Verhaar		Case presentation: Talar OCD Voting	Sport specific injuries	13:45
Free Papers: Activity after TKA	Arthroscopy for degenerative cartilage lesions: To do or to avoid?	Live surgical demonstration (AFAS)	Basic science – shoulder	14:00
			Basic science – shoulder	14:15
Free Papers: TKA	How do you treat osteochondral lesions at the medial femoral condyle?	Arthroscopic fusion in ankle surgery	Knee – osteotomy	14:30
			Knee – joint replacement	14:45
			Knee – conservative treatment	15:00
				15:15
			Knee – patellofemoral	15:30
				15:45
Coffee break, visit of industrial exhibition			Knee – PCL/Multiligament	16:00
Free Papers: TKA revision	Recalcitrant patellar tendinopathy: Conservative treatment, open surgery or arthroscopic surgery	Debate AFAS/ATSG: My worst achilles case		16:15
		Keynote lecture by John Kennedy		16:30
Free Papers: UKA	European Handball Federation symposium	Free Papers: Foot & ankle II	Knee – ACL clinical I	16:45
Free Papers: TKA surgery		*AFAS Members only* AFAS Members' business meeting	Knee – ACL clinical II	17:15
			Knee – cartilage	17:45
			Knee – ACL experimental	18:00
				18:15
			Knee – meniscus	18:30
				18:45
				19:00
				19:15
				19:30
				19:45
				20:00

Overview Timetables

Scientific Programme Wednesday

Scientific Programme Thursday

Scientific Programme Friday

Scientific Programme Saturday

Nurse-Course Pre-Courses



Time	Plenary	111	112 (ESA)	113		
7:30						
7:45						
8:00	ICL04: Common errors in ACL surgery	ICL02: Biceps tendinopathy	ICL01: Management of PCL injuries	ICL05: Stress fractures in sports		
8:15						
8:30						
8:45						
9:00						
9:15						
9:30	Ejnar Eriksson Lecture by Giancarlo Puddu					
9:45	Presidential Lecture by Matteo Denti					
10:00	Presentation of ESSKA 2018	Coffee break, visit of industrial exhibition				
10:15						
10:30	Free Papers: ACL rotatory instability assessment	Debate: Does ALL exist? Fact or fiction	Free Papers: Shoulder-biceps	Prevention of knee injuries in winter sports		
10:45						
11:00	Rotatory knee laxity: A new grading system	Free Papers: ACL anterolateral ligament	Shoulder lesions in overhead athletes		Free Papers: Knee conservative treatment	
11:15						
11:30						
11:45						
12:00	Lunch break, visit of industrial exhibition					
12:15						
12:30	Lunch Workshops Details see page 242-253 Lunch Workshops					
12:45						
13:00						
13:15						
13:30						
13:45	Lunch break, visit of industrial exhibition					
14:00	ESSKA General Assembly					
14:15						
14:30						
14:45						
15:00						
15:15						
15:30	Coffee break, visit of industrial exhibition					
15:45						
16:00	Voting Patellofemoral instability in athletes	Free Papers: Sports medicine/injury prevention	Keynote lecture ESA	The role of arthroscopy in treatment of joint infection		
16:15			Free Papers: Shoulder rotator cuff		Angle of fixation of ACL graft: Preset or case based	
16:30						
16:45		Prevention of overload and injuries in sports	Debate ESA: Traumatic multidirectional shoulder instability – surgical treatment or scapulotoracic re-education			
17:00	Voting Patellofemoral joint: Treatment options for cartilage lesions					
17:15						
17:30						
17:45						
18:00			Debate ESA: AC joint acute instability – choosing the best treatment			
18:15	Social lecture by Miguel Torres					
18:30						
18:45						
19:00						
19:15						
19:30						



Time	Plenary	111	112	113
7:30	ICL10: Posterolateral corner reconstruction: New algorithm of treatment and mini open techniques	ICL12: Update in labral reconstruction	ICL09: New horizons in meniscus replacement	ICL13: Elbow instability
7:45				
8:00				
8:15				
8:30				
8:45				
9:00	Highlight Lecture by Vicente Sanchis Alfonso			
9:15				
9:30	Highlight Lecture by Richard Villar			
9:45				
10:00	Coffee break, visit of industrial exhibition			
10:15	Coffee break, visit of industrial exhibition			
10:30	ISAKOS-ESSKA: Traumatic shoulder instability – anterior and posterior glenoid defects and humeral sided defects	Pediatric ACL injuries: The ESSKA PAMI initiative	Medial instability of the knee	Elbow instability: Basic principles
10:45				
11:00		Free Papers: Hip	Free Papers: Knee – collateral ligaments	Free Papers: Elbow
11:15				
11:30				
11:45				
12:00	Lunch break, visit of industrial exhibition			Lunch break, visit of industrial exhibition
12:15				
12:30	Lunch Workshops Details see page 242-253		KSSTA Journal and Reviewer Course	Lunch Workshops Details see page 242-253
12:45				
13:00	Lunch break, visit of industrial exhibition			Lunch break, visit of industrial exhibition
13:15				
13:30				
13:45				
14:00	ESSKA Awards			
14:15				
14:30	Managing daunting cases of multiligament knee injuries	Limits of hip arthroscopy	SLARD-ESSKA: Dissecans Osteochondritis of the knee: Treatment alternatives	ISAKOS-ESSKA: Elbow injuries in sports
14:45				
15:00				
15:15				
15:30	Coffee break, visit of industrial exhibition			
15:45	Coffee break, visit of industrial exhibition			
16:00	Keynote lecture by Michael Hantes	Extraarticular hip endoscopy – Technique and results	Free Papers: Cartilage – Young patients	Free Papers: Elbow/wrist
16:15				
16:30	ESSKA meniscus consensus initiative: The degenerative meniscus lesion	Keynote lecture by C. Cardenas	Free Papers: Cartilage microfracture	Registries in orthopaedic sports medicine
16:45				
17:00	Perspectives on the meniscus	Acute and longstanding groin injuries	Free Papers: AMIC	
17:15				
17:30				
17:45				
18:00			Free Papers: Cell cartilage	
18:15				
18:30				
18:45				
19:00				
19:15				
19:30				

Award	Debate	Forte	Free Papers
Instructional Course Lecture	Invited lecture	Keynote	Live surgical demonstration
Meetings	Nurse Course	Orthopaedic Sports Medicine Review	
Roundtable	Symposia	PT Programme	

114	115	116	117 (EKA)	120/121		Time
ICL14: Peroneal tendon pathology – update from anatomy to surgery	ICL15: Posterior shoulder dislocation	Review Course: Upper limb and head injury	ICL11: How to identify the optimal surgical intervention for your osteoarthritic patient	*Spanish language*	E-posters	7:30
						7:45
					E-posters	8:00
					E-posters	8:15
					E-posters	8:30
					E-posters	8:45
					E-posters	9:00
					E-posters	9:15
					E-posters	9:30
					E-posters	9:45
Coffee break, visit of industrial exhibition			Coffee break, visit of industrial exhibition	Workshop: Artroscopia de rodilla y hombro	E-posters	10:00
						10:15
What training is required prior to start arthroscopy? Do we need a training programme? <i>Voting</i>	PT: Keynote lecture	Review Course: Lower limb and spine	Debate EKA: Uni versus HTO <i>Voting</i>		E-posters	10:30
	PT: Soft tissue injuries		Debate EKA: Fixed injuries versus obole bearing <i>Voting</i>		E-posters	10:45
FORTE Resident programme: Ankle <i>Voting</i>	PT: Mini-battle – Rehabilitation after hamstring injuries		Debate EKA: UKA with or without ACL? <i>Voting</i>	Nurse Course II	E-posters	11:00
					E-posters	11:15
					E-posters	11:30
					E-posters	11:45
Lunch break, visit of industrial exhibition						
					E-posters	12:00
Lunch Workshops Details see page 242-253 Lunch Workshops						
					E-posters	12:15
					E-posters	12:30
					E-posters	12:45
					E-posters	13:00
					E-posters	13:15
					E-posters	13:30
					E-posters	13:45
					E-posters	14:00
					E-posters	14:15
FORTE Resident Programm: Knee <i>Voting</i>	PT: Shoulder injuries	Review Course: Best practice in sports medicine – Upper limb	Keynote lecture by Werner Zimmerli	*Spanish language*	E-posters	14:30
						E-posters
			Infection in TKA		E-posters	15:00
					E-posters	15:15
					E-posters	15:30
					E-posters	15:45
					E-posters	15:55
					E-posters	16:00
FORTE Resident programme: Shoulder <i>Voting</i>	PT: Keynote lecture	Review Course: Best practice in sports medicine – Sports traumatology	Philosophies in TKA surgery		E-posters	16:15
					E-posters	16:30
					E-posters	16:45
					E-posters	16:55
					E-posters	17:00
What to teach and how to teach arthroscopic skills	PT: Injury prevention	Review Course: Best practice in sports medicine – Miscellaneous	Instability after total knee arthroplasty: A case based approach <i>Voting</i>		E-posters	17:15
					E-posters	17:30
					E-posters	17:45
					E-posters	18:00
					E-posters	18:15
					E-posters	18:30
					E-posters	18:45
					E-posters	19:00
					E-posters	19:15
					E-posters	19:30

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Time	Plenary	111	112	113	114
9:00	ICL16: Basic science in osteoarthritis	ICL18: Anatomy of the shoulder: Anatomist and surgeon point of view	ICL17: The posterior compartment of the ankle joint	ICL20: Elbow arthroscopy: From basic to advance	ICL21: Complication in rotator cuff treatment
9:15					
9:30					
9:45					
10:00					
10:15					
10:30	Highlight Lecture by Peter Angele				
10:45					
11:00	Ham break				
11:15	Ham break				
11:30	ICRS-ESSKA: Regenerative cartilage treatment in early OA – consensus statement	Free Papers: ACL	Arthro-Scope on fracture treatment	Free Papers: Shoulder degenerative	Affiliated societies presentations
11:45		Free Papers: PCL and others			Free Papers: Foot & ankle III
12:00					
12:15					
12:30	Avascular necrosis/ subchondral bone edema				
12:45					
13:00					
13:15					
13:30					

Legend

	Award		Case presentation
	Debate		E-posters
	Forte		Free Papers
	Instructional Course Lecture		Invited lecture
	Keynote		Live surgical demonstration
	Meetings		Nurse Course
	Orthopaedic Sports Medicine Review		PT Programme
	Roundtable		Symposia

Free Papers
 Live surgical demonstration
 Instructional Course Lecture

Invited lecture
 PT Programme
 Keynote

Symposia

115	116	117	120/121	122/123	124/125	Time
ICL22: Clinical utility of echography in athlete with tendinopathy	ICL23: How to make a video	ICL19: Bony defects in revision ACL surgery	PT 01: Motor learning strategies – ACL injuries	PT 02: Muscle Tech: Criteria for rehabilitation progression FC Barcelona	PT 03: Prevention of ACL injuries	9:00
						9:15
			PT 04: Motor learning strategies – ACL injuries (repetition)	PT 05: Muscle Tech: Criteria for rehabilitation progression FC Barcelona (repetition)	PT 06: Prevention of ACL injuries (repetition)	9:30
						9:45
						10:00
			10:15			
			10:30			
			10:45			
Ham break						11:00
						11:15
Free Papers: Basic science	Free Papers: Sports medicine, miscellaneous	Keynote lecture by Pascal Gleyze	PT 07: US – A diagnostic and guided treatment tool	PT 08: Latest technology in neuro- muscular evaluation & Rehabilitation of lower extremity injuries and core stability	PT 11: Kinetic chain considerations in the return to play in the athletic shoulder	11:30
		Voting				11:45
Free Papers: Sport specific	Collaboration for success: The machine and the man (Formula 1)	Exceptional solutions for extreme situations in shoulder pathology	PT 09: US – A diagnostic and guided treatment tool (repetition)	PT 10: Latest technology in neuromuscular evaluation & Rehabilitation of lower extremity injuries and core stability (repetition)	PT 12: Kinetic chain considerations in the return to play in the athletic shoulder (repetition)	12:00
						12:15
						12:30
						12:45
						13:00
						13:15
						13:30

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: Plenary

08:15 – 08:30 Congress opening

*Denti M. (Italy), Monllau J. (Spain), Becker R. (Germany),
Kerkhoffs G. (Netherlands), Gelber P. (Spain)*

08:30 – 09:00 Highlight Lecture by Jon Karlsson

Moderation: Becker R. (Germany)

Controversies in ACL surgery –
What we know and where do we need to improve?

IL06-5006 *Karlsson J. (Sweden)*

30'

09:00 – 09:30 Free Papers: ACL technique comparison

Moderation: Colombet P. (France), Höher J. (Germany)

09:00 – 09:07 Intraoperative biomechanical evaluation of anterior cruciate ligament reconstruction using a navigation system – Comparison of central anatomic single-bundle and anatomic double-bundle reconstruction

FP43-1645 *Ikuta Y. (Japan), Nakamae A., Adachi N., Yoshikawa M., Hayashi S., Suga N., Ishikawa M., Ochi M.*

7'

09:07 – 09:14 Comparative study of rotational and translational stability of two anterior cruciate ligament reconstruction techniques using computer navigation guided surgery: Non-anatomic one-tunnel technique vs. anatomic anteromedial technique

FP43-1379 *Minguell J. (Spain), Castellet E., Reverté Merce, Joshi Nayana, Casaccia A., Aguilar M., Gargallo A., Pijoan J.*

7'

09:14 – 09:21 Anteromedial vs. transtibial technique: 5 years follow-up study of anatomic single bundle ACL reconstruction

FP43-1401 *Tucciarone A. (Italy), Garro L.*

7'

09:21 – 09:28 Biomechanical analysis of three methods of tripling hamstring grafts for ACL reconstruction

FP43-1325 *Calvo R. (Chile), Espinosa Ipinza M., Figueroa D., Scheu M., Arellano S., León A.*

7'



Room: Plenary			
09:30 – 10:00	Highlight Lecture by Jin Hwan Ahn		Overview Timetables
	<i>Moderation: Seil R. (Luxembourg)</i>		
	Meniscus lesions – How to deal with?		Scientific Programme Wednesday
IL01-5009	Ahn J. (South Korea (ROK))	30'	
10:00 – 10:30	Coffee break, visit industrial & e-poster exhibition		
10:30 – 11:00	National Society Award Winner Session		Scientific Programme Thursday
	<i>Moderation: Menetrey J. (Switzerland)</i>		
10:30 – 10:37	BAKAST – A local adherent method of mesenchymal stem cells autologous transplantation for regenerative restoration of articular cartilage: preclinical research and first clinical results		Scientific Programme Friday
AW02-6174	Bukach D. (Belarus)	7'	
10:37 – 10:44	SFA – Individualised knee laxity profiles: combined measurements of anterior and rotational knee laxity		Scientific Programme Saturday
AW02-6178	Mouton Caroline (Luxembourg)	7'	
10:44 – 10:51	NVA -Pulsed ElectroMagnetic Fields after Arthroscopic Treatment for OCD of the Talus: a randomized, double-blind, multicenter trial		Nurse-Course Pre-Courses
AW02-6186	Reilingh M. (Netherlands)	7'	
10:51 – 10:58	NAA – Sham surgery trial for SLAP lesions of the shoulder		
AW02-6187	Schroder Cecilie P. (Norway)	7'	



Room: Plenary		
11:00 – 12:00 Star Paper Session		
<i>Moderation: Becker R. (Germany), Kerkhoffs G. (Netherlands), Gelber P. (Spain)</i>		
11:00 – 11:11	Evaluation of the influence of the leukocyte concentration and composition on growth factor and protease concentrations in platelet-rich plasma (PRP)	
AW01-2078	<i>Kobayashi Y. (Japan), Saita Y., Nishio H., Ikeda H., Kaneko K.</i>	11'
11:11 – 11:22	Autologous adipose-derived stromal vascular fraction for the treatment of Achilles tendinopathy: a randomized prospective clinical trial	
AW01-2538	<i>Usuelli F. (Italy), Grassi Miriam, Alfieri Montrasio U., de Girolamo Laura</i>	11'
11:22 – 11:33	Double-bundle versus Single-bundle anterior cruciate ligament reconstruction: A prospective randomized study with 10-year results	
AW01-1515	<i>Järvelä Sally (Finland), Kiekara T., Järvelä T.</i>	11'
11:33 – 11:44	A randomized controlled trial with 16 year follow-up after anterior cruciate ligament reconstruction	
AW01-1603	<i>Samuelsson K. (Sweden), Bjornsson H., Sundemo D., Desai N., Sernert Ninni, Karlsson J., Kartus J.</i>	11'
11:44 – 11:55	The use of sonographically-guided botulinum toxin type A injection into tensor fascia lata for the treatment of lateral patellofemoral overload syndrome (LPOS)	
AW01-1715	<i>Church S. (United Kingdom), Urquhart D., van Arkel R., Ball S., Jaggard M., Lee J., Stephen Joanna</i>	11'
12:00 – 14:00	Lunch break & lunchtime workshops (details see p. 242-253)	



Room: Plenary			
14:00 – 15:00	ACL Reconstruction: A global perspective with an evidence based approach <i>Moderation: Karlsson J. (Sweden), Fu F. (United States of America)</i>		
14:00 – 14:10	The best evidence in ACL reconstruction: Europe SY11-5076 Samuelsson K. (Sweden)		10'
14:10 – 14:20	The best evidence in ACL reconstruction: North America SY11-5077 Irgang J. (United States of America)		10'
14:20 – 14:30	The best evidence in ACL reconstruction: South America SY11-5078 Ferretti M. (Brazil)		10'
14:30 – 14:40	The best evidence in ACL reconstruction: East Asia SY11-5079 Kuroda R. (Japan)		10'
14:40 – 14:50	The best evidence in ACL reconstruction: Australia SY11-5080 Whitehead T. (Australia)		10'
14:50 – 15:00	Discussion		10'
15:00 – 16:00	APKASS-ESSKA: Knee function after ACL reconstruction <i>Moderation: Feller J. (Australia), Ochi M. (Japan), Hulet C. (France)</i>		
15:00 – 15:05	Introduction SY12-5059 Ochi M. (Japan)		5'
15:05 – 15:13	Biomechanical analysis after ACL reconstruction SY12-5060 Georgoulis A. (Greece)		8'
15:13 – 15:21	Proprioception after ACL reconstruction SY12-5061 Nakamae A. (Japan)		8'
15:21 – 15:29	Recovery of strength and balance after ACL reconstruction SY12-5062 Fink C. (Austria)		8'
15:29 – 15:37	Correlation of physical outcome measurements with return to sport SY12-5063 Feller J. (Australia)		8'
15:37 – 16:00	Discussion		23'
16:00 – 16:30	Coffee break, visit industrial & e-poster exhibition		

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: Plenary		
16:30 – 17:30 Knee kinematics after ACL reconstruction: What do we have to know? <i>Moderation: van der Merwe W. (South Africa), Georgoulis A. (Greece)</i>		
16:30 – 16:38	The intra-operative correction of the subluxation of the knee which appears after ACL injury is very important for the kinematics SY09-5048 Georgoulis A. (Greece)	8'
16:38 – 16:46	Novel way to look kinematics – Surgical implications SY09-5049 van der Merwe W. (South Africa)	8'
16:46 – 16:54	Robot assessment of ACL reconstructed knee SY09-5050 Branch T. (United States of America)	8'
16:54 – 17:02	The role of the periphery in optimising knee kinematics in ACL reconstruction SY09-5051 Williams A. (United Kingdom)	8'
17:02 – 17:10	Best way to measure kinematics and what does it mean SY09-5052 Kuroda R. (Japan)	8'
17:10 – 17:18	How much “Constrain” should we aim for? SY09-5053 Verdonk P. (Belgium)	8'
17:18 – 17:30	Discussion	12'
17:30 – 17:45 Keynote lecture by Hideyuki Koga <i>Moderation: Kopf S. (Germany)</i>		
17:30 – 17:45	AC injuries – Video motion analysis KN08-6170 Koga H. (Japan)	15'



Room: Plenary		
17:45 – 18:15	Free Papers: ACL and return to sports <i>Moderation: Scheffler S. (Germany), Petersen W. (Germany)</i>	
17:45 – 17:52	Self-reported function in sport, and knee-related quality of life are superior at 1, 2 and 5 years among those who chose ACL reconstruction compared to non-surgical treatment: Swedish National ACL Registry study <i>FP01-1950 Ardem Clare (Qatar), Forssblad M., Magnusson H., Kvist Joanna</i>	7'
17:52 – 17:59	Assessment of psychological factors associated with return to same sport following anterior cruciate reconstruction: A prospective study using the ACL-RSI score at 1-year follow-up <i>FP01-1731 Lefevre N. (France), Klouche S., Gerometta A., Herman Serge, Bohu Y.</i>	7'
17:59 – 18:06	Return to sport after revision ACL reconstruction: A prospective comparative study from FAST cohort <i>FP01-2546 Bohu Y. (France), Mirouse G., Klouche S., Herman Serge, Gerometta A., Lefevre N.</i>	7'
18:06 – 18:13	Factors affecting results and return-to-play in anterior cruciate ligament reconstruction (ACL-R) <i>FP01-1812 Rosso Federica (Italy), Bonasia D., Cottino U., Cambursano S., Dettoni F., Bruzzone M., Rossi R.</i>	7'
18:15 – 19:15	Return to play after ACL reconstruction <i>Moderation: Scheffler S. (Germany)</i>	
18:15 – 18:30	DKG – German Knee Society <i>Petersen W. (Germany), Mayr H. (Germany)</i>	15'
18:30 – 18:45	SPAT – Portuguese Society of Arthroscopy and Sport traumatology <i>Pessoa P. (Portugal)</i>	15'
18:45 – 19:00	AORTA – Association of Orthopaedics, Traumatologists and Rehabilitologists of Armenia <i>Galstyan R. (Armenia)</i>	15'
19:00 – 19:15	SIGASCOT – Italian Society of Knee surgery, Arthroscopy, Sports, Cartilage, Orthopaedic technology <i>Zaffagnini S. (Italy), Canata G. (Italy)</i>	15'

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 111

09:00 – 09:45 **Live surgical demonstration (ESA)**

Moderation: Calvo Diaz A. (Spain)



Rotator cuff repair

LD04-6308

Surgeon: Toussaint B. (France)

45'

10:00 – 10:30 Coffee break, visit industrial & e-poster exhibition

10:30 – 11:30 **Return to sport after ACL injuries**

Moderation: Scheffler S. (Germany), Hewett T. (United States of America)

10:30 – 10:42 What are the functional deficits following ACL injury & ACL reconstruction?

SY01-6095

Scheffler S. (Germany)

12'

10:42 – 10:54 How can we measure functional deficits? What is really needed?

SY01-6096

Fink C. (Austria)

12'

10:54 – 11:06 How and when can we restore the functional deficits following ACL rupture & reconstruction ? Is there a need of individualized rehabilitation?

SY01-6097

Hewett T. (United States of America)

12'

11:06 – 11:18 Functional deficits specific to younger athlete: risks and rewards of returning to sport

SY01-6098

Webster Kate (Australia)

12'

11:18 – 11:30 Discussion

12'

11:30 – 12:00 **Live surgical demonstration**

Moderation: Gelber P. (Spain)

Anterolateral tenodesis: Old surgery but with evidence-base

LD05-6328

Surgeon: Williams A. (United Kingdom)

30'

12:00 – 14:00 Lunch break & lunchtime workshops (details see p. 242 - 253)



Room: 111		
14:00 – 15:00	Basic science in football <i>Moderation: Pereira H. (Portugal), d'Hooghe P. (Qatar)</i>	
14:00 – 14:10	Predisposing factors for ACL rupture in football SY30-4082 Siebold R. (Germany)	10'
14:10 – 14:20	Ligamentaziation process: Scientific basis for return to sports SY30-4083 Laver L. (Israel)	10'
14:20 – 14:30	Biologic enhancement of meniscus healing – Where do we stand? SY30-4084 Pereira H. (Portugal)	10'
14:30 – 14:40	Return to play after cartilage repair in football SY30-4085 d'Hooghe P. (Qatar)	10'
14:40 – 14:50	Stem-Cells and growth factors to enhance soft tissue healing – Where do we stand? SY30-4086 de Girolamo Laura (Italy)	10'
14:50 – 15:00	Discussion	10'
15:00 – 16:00	Precompetitive evaluation and injury prevention in football <i>Moderation: Cohen M. (Brazil), Petersen W. (Germany)</i>	
15:00 – 15:12	Why do we need to prevent injuries? SY29-6343 Cohen M. (Brazil)	12'
15:12 – 15:24	PCMA the gateway to prevention for football SY29-6344 Petersen W. (Germany)	12'
15:24 – 15:36	Strategies to injuries prevention in football SY29-6352 Pedrinelli A. (Brazil)	12'
15:36 – 15:48	How the Movement analysis test in football medicine can help to prevent injuries SY29-6345 Della Villa S. (Italy)	12'
15:48 – 16:00	Discussion	12'
16:00 – 16:30	Coffee break, visit industrial & e-poster exhibition	

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 111		
16:30 – 18:30	UEFA-ESSKA Football Medicine: Substantial development during recent years <i>Moderation: Ekstrand J. (Sweden), Denti M. (Italy)</i>	
16:30 – 16:35	Introduction SY28-5037	5'
16:35 – 16:55	The role of sports medicine in European/World football SY28-5038 <i>D'Hooghe M. (Belgium)</i>	20'
16:55 – 17:15	The UEFA medical education programme SY28-5039 <i>Vouillamoz M. (Switzerland)</i>	20'
17:15 – 17:45	Time for a paradigm shift in injury prevention? Experiences from the UEFA Elite Club Injury Study SY28-5040 <i>Ekstrand J. (Sweden)</i>	30'
17:45 – 18:05	The specific function of the UEFA Medical Committee SY28-5041 <i>D'Hooghe M. (Belgium)</i>	20'
18:05 – 18:30	Discussion	25'



In co-operation with



Room: 111		
18:30 – 19:00 Free Papers: ACL function evaluation		Overview Timetables
<i>Moderation: Georgoulis A. (Greece), Rossi R. (Italy)</i>		
18:30 – 18:37	Comparison of knee loading in double and single leg drop jump after anterior cruciate ligament (ACL) reconstruction	Scientific Programme Wednesday
FP09-1811	<i>O'Malley Edwenia (Ireland), Richter C., Scanlon E., Strike Siobhan, Moran K., Moran R.</i> 7'	
18:37 – 18:44	A comparison of knee loading during planned and unplanned cutting in ACL reconstructed athletes	Scientific Programme Thursday
FP09-1744	<i>King E. (Ireland), Richter C., Welch N., Strike Siobhan, Moran K., Moran R.</i> 7'	
18:44 – 18:51	In vivo analysis of dynamic graft bending angle during downhill running and level walking – Comparison of anterior cruciate ligament re-constructed knees using flexible and rigid drills	Scientific Programme Friday
FP09-1437	<i>Tashiro Y. (United States of America), Thorhauer E., Sundaram Vani, Gale T., Irrgang J., Fu F., Tashman S.</i> 7'	
18:51 – 18:58	Does gracilis and semitendinosus tendons harvest during ACL reconstruction affect strength of muscles responsible for flexion and internal rotation of the shin in the operated knee joint?	Scientific Programme Saturday
FP09-2266	<i>Królikowska A. (Poland), Czamara A., Kentel M., Krupa S., Szuba L.</i> 7'	
		Nurse-Course Pre-Courses



Room: 112		
09:00 – 09:30 Free Papers: Shoulder instability II		
<i>Moderation: Bak K. (Denmark), Ruiz Iban M. (Spain)</i>		
09:00 – 09:07	Reliability of a 3D preoperative surgical planning in the arthroscopic Latarjet procedure <i>FP03-2698 Hardy A. (France), Loriaut P., Massein Audrey, Rousseau R., Pascal-Moussellard H., Gerometta A.</i>	7'
09:07 – 09:14	Latarjet procedure: Comparative outcomes study of arthroscopic versus mini-open approach with minimum 2-year follow-up <i>FP03-1755 Deranlot J. (France), Marion Blandine, Klouche S., Nourissat G., Hardy P.</i>	7'
09:14 – 09:21	Modified arthroscopic bankart repair successfully returns contact athletes to sport: An 11 year follow-up <i>FP03-2253 Plancher K. (United States of America), Green Allison M., Petterson Stephanie C.</i>	7'
09:21 – 09:28	SES National Award Winner – Scapular dyskinesis: Importance of early diagnosis and treatment <i>FP03-6190 Bogdanovic Dragana (Serbia)</i>	7'
10:00 – 10:30 Coffee break, visit industrial & e-poster exhibition		
10:30 – 11:30 Shoulder: State of the Art – Treatment guidelines for different pathologies		
<i>Moderation: Randelli P. (Italy), Tauber M. (Germany)</i>		
10:30 – 10:42	Massive cuff tears <i>SY14-5072 Tauber M. (Germany)</i>	12'
10:42 – 10:54	Calcifying tendonitis <i>SY14-5073 Randelli P. (Italy)</i>	12'
10:54 – 11:06	Stiffness <i>SY14-5074 Poberaj B. (Slovenia)</i>	12'
11:06 – 11:18	Nerve compression syndromes around the shoulder <i>SY14-5075 Kwapisz A. (Poland)</i>	12'
11:18 – 11:30	Discussion	12'



Room: 112		
11:30 – 12:00 Free Papers: Shoulder instability I <i>Moderation: Gleyze P. (France), Imhoff A. (Germany)</i>		
11:30 – 11:37	Application of the BLS and “remplissage” techniques in treatment of the anterior shoulder instability <i>FP02-2477 Blasiak A. (Poland), Brzoska R., Solecki W., Mojzesz M., Grzegorzewski A.</i>	7'
11:37 – 11:44	Comparison between knotless PEEK and double-loaded biodegradable suture anchors in the arthroscopic treatment of traumatic anterior shoulder instability: A prospective randomized study <i>FP02-2721 Saccomanno Maristella Francesca (Italy), Nuovo F., Sircana G., Milano G.</i>	7'
11:44 – 11:51	Arthroscopic labral repair versus open coracoid transfer in shoulder instability <i>FP02-1296 Blomquist J. (Norway), Solheim E., Liavaag S., Havelin L.</i>	7'
12:00 – 14:00 Lunch break & lunchtime workshops (details see p. 242 - 253)		
14:00 – 14:30 Free Papers: Shoulder AC joint I <i>Moderation: Poberaj B. (Slovenia), Taverna E. (Italy)</i>		
14:00 – 14:07	Outcome of arthroscopic stabilization in severe acromio-clavicular dislocations (rockwood types III, IV, and V). Is anatomical reduction correlated to better functional results at one year postoperatively? <i>FP04-1796 Barth J. (France), Duparc F.</i>	7'
14:07 – 14:14	Shoulder function and physical activity level recovery after arthroscopy-assisted distal clavicle fixation with endobutton system. Does radiological slight or partial loss of reduction determine worse results? <i>FP04-2242 Gudas R. (Lithuania), Piktuizyte Ausra</i>	7'
14:14 – 14:21	Does the release of transverse ligament improve the results of high arthroscopic tenodesis? <i>FP04-2567 Franceschi F. (Italy), Franceschetti E., Paciotti M., Vasta S., Zampogna B., Maffulli N., Papalia R., Denaro V.</i>	7'
14:21 – 14:28	Acromioclavicular joint morphology; a risk factor in symptomatic ACJ disease? <i>FP04-2592 Hoyle Antonia (United Kingdom), Jain N.</i>	7'

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 112		
14:30 – 15:30	AC joint dislocation <i>Moderation: Courage O. (France), Arce G. (Argentina)</i>	
	Presentation of case 1: 19 year old skinny female tennis player with acute grade III ACJ Dislocation. Do we have to fix her? <i>SY17-6129 Courage O. (France)</i>	
14:30 – 14:37	Let's think about what to do: Preoperative evaluation and classification <i>SY17-6130 Beitzel K. (Germany)</i>	7'
14:37 – 14:44	Don't touch her! A wait and see approach <i>SY17-6131 Calvo Crespo E. (Spain)</i>	7'
14:44 – 14:51	Don't lose a golden opportunity. Restore the anatomy. <i>SY17-6132 Arce G. (Argentina)</i>	7'
14:51 – 15:00	Questions and discussion <i>SY17-6133</i>	9'
	Presentation of case 2: 42 year old retired rugby player with chronic grade V ACJ dislocation and a new and painful rotator cuff tear <i>SY17-6134 Arce G. (Argentina)</i>	
15:00 – 15:07	Does the ACJ instability hurt or matter? <i>SY17-6135 Tauber M. (Germany)</i>	7'
15:07 – 15:14	I will just repair the cuff and that's all he needs <i>SY17-6136 Courage O. (France)</i>	7'
15:14 – 15:21	Don't be shy, fix them all. ACJ reconstruction and cuff repair <i>SY17-6137 Barth J. (France)</i>	7'
15:21 – 15:30	Questions and discussion <i>SY17-6138</i>	9'



Room: 112		
15:30 – 16:00 Free Papers: Shoulder AC joint II		
<i>Moderation: Milano G. (Italy), Tzanakakis N. (Greece)</i>		
15:30 – 15:37	AGA National Award Winner – Clinical results following non-operative management for grade III acromioclavicular joint injuries: Does eventual surgery affect overall outcomes?	
FP05-6181	Petri M. (Germany)	7'
15:37 – 15:44	Arthroscopic treatment of acute acromio-clavicular dislocations using a double button device: Clinical and MRI results	
FP05-2713	Loriaut P. (France), Alkhaili J., Hardy A., Boyer P.	7'
15:44 – 15:51	Intra-articular pressure of native and arthroscopic reconstructed AC-joints is dependent on the joint orientation	
FP05-1196	Voss A. (United States of America), Singh H., Cote M., DiVenere Jessica, Imhoff A., Mazzocca A., Beitzel K.	7'
15:51 – 15:58	Comparison of post-operative outcomes and complications of suspensory loop fixation device versus hook plate fixation in acute AC joint separation: A systematic review of the literature.	
FP05-2506	Arirachakaran Alisara (Thailand), Piyapittayanun P., Boonard M., Yamaphai S., Prommahachai A., Chaijenkij K., Kongtharvonskul J.	7'
16:00 – 16:30 Coffee break, visit industrial & e-poster exhibition		

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 112		
16:30 – 17:30	Subscapularis tendon <i>Moderation: Bak K. (Denmark), Imhoff A. (Germany)</i>	
16:30 – 16:40	Anatomy and function of the subscapularis tendon SY15-5023 Gerber-Popp Ariane (Switzerland)	10'
16:40 – 16:50	Diagnosing the subscapularis tendon tear SY15-5024 Bak K. (Denmark)	10'
16:50 – 17:00	Arthroscopic evaluation and treatment of torn subscapularis tendons SY15-5025 Toussaint B. (France)	10'
17:00 – 17:10	Arthroscopic repair of the subscapularis tendon: Indications and techniques SY15-5026 Braun S. (Germany)	10'
17:10 – 17:30	Cases and discussion SY15-5027	20'
17:30 – 18:30 How to treat shoulder instability in non-contact athletes with glenoid bone loss <i>Moderation: Arce G. (Argentina)</i>		
17:30 – 17:45	SES – Shoulder and Elbow Society of Serbia Bogdanovic Dragana (Serbia)	30'
17:45 – 18:00	PTA – Polish Society of Arthroscopy Domzalski M. (Poland), Malinowski K. (Poland)	30'
18:30 – 19:30	ESA Members' business meeting <i>Calvo Diaz A. (Spain), Brzoska R. (Poland)</i>	





Room: 113		
09:00 – 09:30	Free Papers: Patellofemoral joint <i>Moderation: Demey G. (France), Salreta J. (Portugal)</i>	
09:00 – 09:07	Patella height is related to the morphology of the femoral trochlea FP10-1747 <i>Ferlic P. (Austria), Wansch J., Runer A., Liebensteiner M.</i>	7'
09:07 – 09:14	Assessment of patellofemoral (PF) morphology and cartilage wear location in patients with no known history of PF instability FP10-2682 <i>Hinckel Betina (Brazil), Freking W., Wischmeier D., Farr J.</i>	7'
09:14 – 09:21	Tibial tubercle osteotomy for anterior knee pain: Mid-term result and analysis of prognostic factors FP10-1838 <i>Rosso Federica (Italy), Cottino U., Governale G., Cherubini Valeria, Dettoni F., Bruzzone M., Rossi R., Bonasia D.</i>	7'
09:21 – 09:28	Patellofemoral arthritis in relation to patella alta. A multivariate analysis comparing medial knee arthritis and patellofemoral arthritis FP10-2563 <i>Clark D. (United Kingdom), Conchie H., Metcalfe A., Tortonese D., Whitehouse M., Eldridge J.</i>	7'
10:00 – 10:30	Coffee break, visit industrial & e-poster exhibition	
10:30 – 10:45	Keynote lecture by Andrew Amis <i>Moderation: Williams A. (United Kingdom)</i>	
10:30 – 10:45	The impact of the MPFL on knee kinematics KN10-6255 <i>Amis A. (United Kingdom)</i>	15'

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 113		
10:45 – 11:45 Free Papers: Patellofemoral instability		
<i>Moderation: Donell S. (United Kingdom), Koeter S. (Netherlands)</i>		
10:45 – 10:52	Medial patellofemoral ligament injury in children with first time lateral patellar dislocation – an MRI and arthroscopy study <i>FP11-1148 Askenberger Marie (Sweden), Arendt Elizabeth, Ekström Wilhelmina, Voss Ukrika, Finnbogason T., Janarv P.</i>	7'
10:52 – 10:59	Deepening trochleoplasty with a thick osteochondral flap for patellar instability clinical and functional outcomes at a mean 6-year follow-up <i>FP11-1130 Donell S. (United Kingdom), McNamara I., Bua N., Smith T., Ali K.</i>	7'
10:59 – 11:06	Trochleoplasty with a flexible osteochondral flap: Results and outcomes of a 12 years series <i>FP11-2315 Metcalfe A. (United Kingdom), Clark D., Kemp M., Eldridge J.</i>	7'
11:06 – 11:13	Analysis of failures following medial patellofemoral ligament (MPFL) reconstruction and imbrication <i>FP11-2706 Hiemstra Laurie (Canada), Kerslake Sarah, Lafave M.</i>	7'
11:13 – 11:20	Clinical and radiological outcome after medial patellofemoral ligament reconstruction and tibial tuberosity medialisation – a comparative retrospective study <i>FP11-2038 Lobner S. (Germany), Venjakob A., Krauss Christine, Reichwein F., Patzer T., Nebelung W.</i>	7'
11:20 – 11:27	Are there predictive factors for complications and surgical failure in patellofemoral stabilization surgery? A retrospective study of 336 knees <i>FP11-1528 Tscholl P. (Switzerland), Wanivenhaus F., Fucentese S.</i>	7'
11:27 – 11:34	MRI measurements associated with patellofemoral instability <i>FP11-1720 Strickland Sabrina (United States of America), Munch J., Sullivan J., Nguyen J., Mintz D., Green D., Shubin Stein Beth</i>	7'
11:45 – 12:00 AOSSM and APKASS Travelling fellows presentation		
<i>Moderation: Randelli P. (Italy), Karahan M. (Turkey)</i>		
12:00 – 14:00 Lunch break & lunchtime workshops (details see p. 242 - 253)		



Room: 113		
14:00 – 14:15	Keynote lecture by Jan Verhaar <i>Moderation: Becker R. (Germany)</i>	
KN09-6256	Physical activity after TKA: Possibilities and limitations <i>Verhaar J. (Netherlands)</i>	15'
14:15 – 15:15	Free Papers: Activity after TKA <i>Moderation: Verhaar J. (Netherlands), Servien Elvire (France)</i>	
14:15 – 14:22	Do patients following total knee replacement return to their preoperative activity level? <i>FP26-1831 Hepperger Caroline (Austria), Abermann Elisabeth, Herbst E., Hoser C., Gföller P., Fink C.</i>	7'
14:22 – 14:29	Factor affecting the ability of squat after total knee arthroplasty <i>FP26-2414 Ra H. (South Korea (ROK)), Choi Y., Chung K., Kim C., Cho H., Won H.</i>	7'
14:29 – 14:36	Return to sports and physical activity after total and unicondylar knee arthroplasty: A systematic review and meta-analysis <i>FP26-1158 Witjes Suzanne (Netherlands), Gouttebarga V., Kuijjer P., van Geenen R., Poolman R., Kerkhoffs G.</i>	7'
14:36 – 14:43	Outcome and return to sport in lateral unicondylar knee with 5 year follow-up in middle aged adults <i>FP26-2256 Plancher K. (United States of America), Alwine J., Green Allison M., Petterson Stephanie C.</i>	7'
14:43 – 14:50	Mid-term survivorship of mini-keel versus standard keel in total knee replacements: Differences regarding revision rate for aseptic loosening <i>FP26-1332 Kajetanek C. (France), Bouyer B., Ollivier M., Boisrenoult P., Pujol N., Beauflis P.</i>	7'
14:50 – 14:57	Expectations fulfillment in patients undergoing total knee arthroplasty. 5 years follow-up <i>FP26-2633 Sánchez-Soler J. (Spain), Leal-Blanquet J., Torres-Claramunt R., Hinarejos Gomez P., Pelfort López X., Guirro-Castellnou P., Puig-Verdie L., Monllau García J.</i>	7'
14:57 – 15:04	A new psychological method to improving rehabilitation following total knee arthroplasty <i>FP26-2137 Zaffagnini S. (Italy), Benedetti Maria Grazia, Roberti di Sarsina T., Mariani Elisabetta, Russo Rebecca Luciana</i>	7'

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 113

15:15 – 16:00 Free Papers: TKA

Moderation: Chen Antonia (United States of America), Varatojo R. (Portugal)

15:15 – 15:22	Local infiltration analgesia versus continuous femoral nerve block in pain relief following total knee arthroplasty: A randomized controlled trial	
FP44-1772	<i>Kurosaka K. (Japan), Tsukada S., Seino D., Morooka T., Nakayama H., Yoshiya S.</i>	7'
15:22 – 15:29	Corticosteroid for periarticular multi-drug injection during total knee arthroplasty: A double-blinded randomized controlled trial	
FP44-1640	<i>Tsukada S. (Japan), Wakui M.</i>	7'
15:29 – 15:36	Troponin levels post total joint replacement	
FP44-1329	<i>Kelly M. (Ireland), Campbell Jane, Pate G., Murray P.</i>	7'
15:36 – 15:43	Novel protocol for knee mobilization under femoral and sciatic nerve blocks for postoperative knee stiffness	
FP44-2465	<i>Wanivenhaus F. (Switzerland), Tscholl P., Aguirre J., Giger R., Fucentese S.</i>	7'
15:43 – 15:50	DKG National Award Winner – Different ligament laxity in varus and valgus knees after total knee arthroplasty with rotating platform	
FP44-6180	<i>Stöhr Amelie (Germany)</i>	7'
16:00 – 16:30	Coffee break, visit industrial & e-poster exhibition	



Room: 113			
16:30 – 17:30 Free Papers: TKA revision <i>Moderation: Behrend H. (Switzerland), Liebensteiner M. (Austria)</i>			Overview Timetables
16:30 – 16:37	Predictors of revision surgery in long-term follow-up of total knee arthroplasty: A population based analysis <i>FP22-2702 Bayliss L. (United Kingdom), Monk P., Prieto-Alhambra D., Judge A., Jackson W., Beard D., Arden N., Price A.</i>	7'	Scientific Programme Wednesday
16:37 – 16:44	Development of a preoperative risk calculator for periprosthetic joint infection after total knee arthroplasty <i>FP22-2055 Chen Antonia (United States of America), Tan T., Maltenfort M., Shahi A., Madden Amber, Parvizi J.</i>	7'	
16:44 – 16:51	Predictors of mortality following total knee arthroplasty: A population-based cohort study <i>FP22-2679 Bayliss L. (United Kingdom), Roso A., Javaid K., Price A., Cooper C., Arden N., Espallargues Carreras Mireia, Prieto-Alhambra D.</i>	7'	Scientific Programme Thursday
16:51 – 16:58	Does pre-operative sampling predict intra-operative cultures and antibiotic sensitivities in knee replacements revised for infection? <i>FP22-2695 Holleyman R. (United Kingdom), Deehan D., Charlett A., Baker P.</i>	7'	Scientific Programme Friday
16:58 – 17:05	Analysis of the clinical risk profile in total knee arthroplasty <i>FP22-1106 Figueiredo A. (Portugal), Baptista Filipa, Oliveira J., Alegre C., Fonseca F.</i>	7'	Scientific Programme Saturday
17:05 – 17:12	Two stage revision for sepsis after TKR using the original prosthesis as a temporary insert <i>FP22-2520 Erasmus P. (South Africa)</i>	7'	Scientific Programme Saturday
17:12 – 17:19	“Infectivity score”: Can the existence of an infection be easily predicted before repeat joint replacement surgery? <i>FP22-1154 Jenny J. (France), Adamczewski B., Godet J., De Thomasson E.</i>	7'	Scientific Programme Saturday
17:19 – 17:26	SEROD National Award Winner – KLIC-score for predicting early failure in prosthetic joint infections treated with debridement, implant retention and antibiotics <i>FP22-6192 Tornero E. (Spain)</i>	7'	Nurse-Course Pre-Courses



Room: 113

17:30 – 18:15 Free Papers: UKA

Moderation: Zorzi C. (Italy), Henle P. (Switzerland)

17:30 – 17:37	A multicentre randomised study comparing total or partial knee replacement – One year results of the Top Kat trial	
FP48-1634	<i>Beard D. (United Kingdom), Price A., Cook J., MacLennan G., Campbell Marion, Davies Loretta, Murray D., Top Kat Study Group</i>	7'
17:37 – 17:44	Partial knee replacement – definitive treatment for medial OA – results from a 20 year follow-up study	
FP48-2432	<i>Price A. (United Kingdom), Svard U.</i>	7'
17:44 – 17:51	Are lateral osteophytes a contra-indication to medial UKA? A fifteen year follow-up	
FP48-1996	<i>Hamilton T. (United Kingdom), Pandit H., Choudhary R., Mellon S., Dodd C., Jenkins Cathy, Murray D.</i>	7'
17:51 – 17:58	Medial unicompartmental knee arthroplasty and alignment: Should we correct to neutral?	
FP48-2217	<i>Plancher K. (United States of America), Jimenez-Gonzalez Adriana, Green Allison M., Petterson Stephanie C.</i>	7'
17:58 – 18:05	Biomechanical effects of different varus/valgus alignment in UKA: Is neutral mechanical alignment the optimal or 3° varus a valid alternative?	
FP48-1979	<i>Innocenti B. (Belgium), Ramundo G., Pianigiani Silvia</i>	7'
18:05 – 18:12	Cementless fixation of mobile bearing unicompartmental knee replacement has reliable component stability at five years	
FP48-1930	<i>Campi S. (United Kingdom), Kendrick B., Kaptein B., Valstar E., Jackson W., Dodd C., Price A., Murray D.</i>	7'



Room: 113		
18:15 – 19:15 Free Papers: TKA surgery		
<i>Moderation: Bait C. (Italy), Skowronek P. (Poland)</i>		
18:15 – 18:22	Kinematic versus mechanical alignment in total knee arthroplasty. A prospective, randomized study of 200 cases <i>FP12-1845 Calließ T. (Germany), Bauer K., Stukenborg-Colsman Christina, Windhagen H., Ettinger M.</i>	7'
18:22 – 18:29	Radiographic measurement of the posterior femoral offset before and after TKA is not precise <i>FP12-1152 Jenny J. (France), Honecker Sophie</i>	7'
18:29 – 18:36	Cruciate retaining total knee replacement: How much of the PCL is really retained? <i>FP12-2811 Totlis T. (Greece), Iosifidis M., Agapidis A., Apostolidis K., Eftychiakos N., Alvanos D., Kyriakidis A.</i>	7'
18:36 – 18:43	Prospective randomized controlled trial (RCT) of synovectomy versus no synovectomy in total knee replacement (TKR) – preliminary results <i>FP12-2623 Ramaskandhan Jayasree (United Kingdom), Brewster N., Holland J., Gangadharan R., Coulson Judith, Rankin K., Bardgett Michelle, Deehan D.</i>	7'
18:43 – 18:50	Does patellofemoral congruence following total knee arthroplasty correlate with pain or function? Intraoperative arthroscopic assessment of 30 cases <i>FP12-1414 Courage O. (France), Senioris A., Saffarini M., Malekpour L., Dujardin F.</i>	7'
18:50 – 18:57	Is the residual malalignment a reason to compromise outcomes after a total knee arthroplasty? <i>FP12-1977 Leal-Blanquet J. (Spain), Hinarejos P., Torres-Claramunt R., Sánchez J., Monllau J.</i>	7'
18:57 – 19:04	The effect of tibial component rotation on true balance: A cadaveric study examining laxity and tibiofemoral contact force in total knee arthroplasty <i>FP12-2435 Manning W. (United Kingdom), Ghosh K., Blain A., Rushton S., Longstaff L., Deehan D.</i>	7'
19:04 – 19:11	Advantages in use of custom instrumentation in total knee arthroplasty – randomized clinical trial <i>FP12-1322 Couto A. (Portugal), Vide J., Freitas Tania, Ramos A., Sousa J.</i>	7'

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 114		
10:30 – 11:30	AOSSM-ESSKA: Evidence based aspects in Sports Medicine <i>Moderation: Anderson A. (United States of America), Dejour D. (France)</i>	
10:30 – 10:42	Is laboratory research relevant to clinical sports medicine? SY38-6248 <i>Reider B. (United States of America)</i>	12'
10:42 – 10:54	Injuries concomitant to ACL SY38-6249 <i>Anderson A. (United States of America)</i>	12'
10:54 – 11:06	Arthroscopic Bankart Repair is the “Gold Standard” in the management of acute, initial anterior dislocation of the shoulder in the young athlete SY38-6250 <i>Arciero R. (United States of America)</i>	12'
11:06 – 11:18	Better science and outcomes with double bundle PCLs SY38-6251 <i>LaPrade R. (United States of America)</i>	12'
11:18 – 11:30	Discussion	12'
11:30 – 12:00 Free Papers: ACL long term outcomes <i>Moderation: Hirschmann M. (Switzerland), Fu F. (United States of America)</i>		
11:30 – 11:37	Twenty-one year outcome of 182 isolated ACL arthroscopic reconstructions using patellar tendon graft FP13-2835 <i>Graveleau N. (France), Hulet C.</i>	7'
11:37 – 11:44	Long term outcomes from a multicenter randomized double-blind clinical trial of an immunochemically modified porcine xenograft vs. patellar tendon allograft for ACL reconstruction FP13-1959 <i>van der Merwe W. (South Africa), Zaffagnini S., Cugat R., van Egmond K., Guillen P., Lind M., Marcacci M., Verdonk R.</i>	7'
11:44 – 11:51	Return to sports activities and the influence of meniscal status after 12 years of follow-up for 675 arthroscopic anterior cruciate ligament reconstructions FP13-2838 <i>Hulet C. (France), Graveleau N.</i>	7'
11:51 – 11:58	Knee related quality of life and functional results after anterior cruciate ligament reconstruction using bone-patellar tendon-bone autograft: a retrospective study of 142 patients at 20 years follow-up FP13-2816 <i>Dalat F. (France), Besse J., Fessy M., Moyer B.</i>	7'
12:00 – 14:00	Lunch break & lunchtime workshops (details see p. 242 -253)	



Room: 114		
14:00 – 15:00	Arthroscopy for degenerative cartilage lesions: To do or to avoid? <i>Moderation: Denti M. (Italy)</i>	
14:00 – 14:15	BAKAST – Belarusian Association of Knee Surgery, Arthroscopy and Sports Traumatology <i>RT01-6354 Bukach D. (Belarus)</i>	15'
14:15 – 14:30	NVA – Dutch Arthroscopy Society <i>RT01-6367 Meuffels D. (Netherlands)</i>	15'
14:30 – 14:45	ASTAOR – Association of Sports Traumatology, Arthroscopists, Orthopaedic Surgeons and Rehabilitation Specialists <i>RT01-6372 Ilyin D. (Russia)</i>	15'
14:45 – 15:00	SPOT – Portuguese Orthopaedic and Trauma Society (Knee Section) <i>RT01-6371 Varatojo R. (Portugal), Silva A. (Portugal)</i>	15'
15:00 – 16:00	How do you treat osteochondral lesions at the medial femoral condyle? <i>Moderation: Janssen R. (Netherlands)</i>	
15:00 – 15:15	AGA – Society for Arthroscopy and Joint Surgery <i>RT07-6361 Angele P. (Germany)</i>	15'
15:15 – 15:30	AEA – Spanish Arthroscopy Association <i>RT07-6376 Soler Romagosa F. (Spain), Leyes M. (Spain)</i>	15'
15:30 – 15:45	TUSYAD – The Turkish Society of Sports Traumatology, Arthroscopy and Knee Surgery <i>RT07-6377 Mahirogullari M. (Turkey), Beyzadeoglu T. (Turkey)</i>	15'
15:45 – 16:00	SRATS – Romanian Society of Arthroscopy and Sports Trauma <i>RT07-6384 Mogos S. (Romania), Filipescu D. (Romania)</i>	15'
16:00 – 16:30	Coffee break, visit industrial & e-poster exhibition	

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 114

16:30 – 17:30 **Recalcitrant patellar tendinopathy: Conservative treatment, open surgery or arthroscopic surgery**

Moderation: Dejour D. (France)

16:30 – 16:45 SAKS – The Danish Sports and Trauma Society

RT09-6380 Mygind-Klavsen B. (Denmark)

15'

16:45 – 17:00 ISKSA – Israel Society of Knee Surgery and Arthroscopy

RT09-6386 Arbel R. (Israel)

15'

17:00 – 17:15 LAAS – Lithuanian Association of Arthroscopic Surgeons

RT09-6381 Belickas J. (Lithuania)

15'



Room: 114			
17:30 – 19:00	European Handball Federation symposium: Handball Injuries – Characteristics, prevention and rehabilitational aspects		
	<i>Moderation: Laver L. (Israel), Walden M. (Sweden)</i>		
17:30 – 17:32	Opening words		
SY47-6334	<i>Laver L. (Israel), Walden M. (Sweden)</i>		2'
17:32 – 17:42	Epidemiology of injuries in Handball – Introduction		
SY47-6335	<i>Laver L. (Israel)</i>		10'
17:42 – 17:52	Ankle injuries in Handball – Is it just a throwing sport?		
SY47-6336	<i>Pereira H. (Portugal), d'Hooghe P. (Qatar)</i>		10'
17:52 – 18:02	Hip and Groin injuries in Handball – Have we been neglecting these pathologies?		
SY47-6337	<i>Hölmich P. (Denmark)</i>		10'
18:02 – 18:12	Knee injuries in Handball – What we need to know		
SY47-6338	<i>Seil R. (Luxembourg)</i>		10'
18:12 – 18:22	Shoulder injuries in Handball – Is it just another throwing sport?		
SY47-6339	<i>Landreau P. (Qatar)</i>		10'
18:22 – 18:32	Shoulder injury prevention and rehabilitation in Handball		
SY47-6340	<i>Kaczmarek P. (Poland)</i>		10'
18:32 – 18:42	Biomechanics of acute knee injury in handball – perspectives for prevention, treatment and rehabilitation		
SY47-6341	<i>Bencke J. (Denmark)</i>		10'
18:42 – 18:52	Injury prevention in Handball – Does it work?		
SY47-6342	<i>Zebis Mette (Denmark)</i>		10'
18:52 – 19:00	Discussion		8'

Overview
 Timetables

Scientific Programme
 Wednesday

Scientific Programme
 Thursday

Scientific Programme
 Friday

Scientific Programme
 Saturday

Nurse-Course
 Pre-Courses



**EUROPEAN HANDBALL
 FEDERATION**

In co-operation with



Room: 117		
09:00 – 09:30 Free Papers: Foot & ankle I		
<i>Moderation: Lijoi F. (Italy), van Bergen C. (Netherlands)</i>		
09:00 – 09:07	Reoperation rates following bone marrow stimulation with and without concomitant chronic lateral ankle instability stabilization procedures: A large healthcare database analysis <i>FP06-2364 Yasui Y. (United States of America), Murawski C., Hung C., Kennedy J.</i>	7'
09:07 – 09:14	Lift, drill, fill and fix (LDFF): A new arthroscopic treatment for talar osteochondral defects <i>FP06-2013 Reilingh M. (Netherlands), Opdam Kim, Kerkhoffs G.</i>	7'
09:14 – 09:21	Dry arthroscopy with a retraction system for matrix-aided cartilage repair of osteochondral lesions of the talus <i>FP06-1094 Wieworski M. (Switzerland), Barg A., Valderrabano V., Sadlik B., Blasiak A.</i>	7'
09:21 – 09:28	“One step” treatment of juvenile ankle osteochondritis dissecans: Clinical and radiological results <i>FP06-1960 Vannini Francesca (Italy), Pagliuzzi G., Buda R., Castagnini F., Baldassarri M., Gorgolini G., Giannini S.</i>	7'
10:00 – 10:30 Coffee break, visit industrial & e-poster exhibition		
10:30 – 11:30 Lateral ankle ligament reconstruction: Open vs. arthroscopic		
<i>Moderation: van Dijk C. (Netherlands), Bauer T. (France)</i>		
10:30 – 10:40	Introduction, definitions <i>SY21-6116 van Dijk C. (Netherlands)</i>	10'
10:40 – 10:50	Open techniques of lateral ligament reconstruction and results <i>SY21-6117 Canata G. (Italy)</i>	10'
10:50 – 11:00	Anatomical basis of arthroscopic lateral ligament reconstruction <i>SY21-6118 Bauer T. (France)</i>	10'
11:00 – 11:10	Arthroscopic techniques of lateral ligament reconstruction <i>SY21-6119 Pereira H. (Portugal)</i>	10'
11:10 – 11:20	First results of arthroscopic lateral ligament reconstruction <i>SY21-6120 Perera A. (United Kingdom)</i>	10'
11:20 – 11:30	Discussion	



Room: 117			
11:30 – 12:00	Debate AFAS: My most challenging trauma case Voting		
	<i>Moderation: Spennacchio P. (Italy), Kynsburg A. (Austria)</i>		
11:30 – 11:37	Treatment of chronic achilles tendon rupture with arthroscopic flexor hallucis longus tendon transfer		
DE02-6404	<i>Corte-Real N. (Portugal), and co-workers: Carvalho N., Duarte Silva M.</i>		3'+4'
11:37 – 11:44	Combined lateral ligament and tibiofibular syndesmotomic repair of the ankle		
DE02-6405	<i>Ambrozic B. (Slovenia)</i>		3'+4'
11:44 – 11:53	A patient with posttraumatic neuroalgodistrophy – Operations causing problems		
DE02-6406	<i>Pereira H. (Portugal)</i>		3'+4'
11:53 – 12:00	Syndesmotomic lesions in ankle fractures: Hook-test vs. arthroscopy		
DE02-6407	<i>Kynsburg A. (Austria / Hungary)</i>		3'+4'
12:00 – 14:00	Lunch break & lunchtime workshops (details see p. 242 - 253)		
14:00 – 14:30	Case presentation: Talar OCD Voting		
	<i>Moderation: Kerkhoffs G. (Netherlands), Carmont M. (United Kingdom)</i>		
	Case Presentations		
CP01-6142	<i>Reilingh M. (Netherlands), Murawski C. (United States of America)</i>		30'
	Panel		
	<i>Kerkhoffs G. (Netherlands), Carmont M. (United Kingdom), DiGiovanni C. (United States of America), Calder J. (United Kingdom), Takao M. (Japan)</i>		

Overview
Timetables

Scientific Programme
Wednesday


Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 117		
14:30 – 15:00	Live surgical demonstration (AFAS) <i>Moderation: Kerkhoffs G. (Netherlands)</i>	
LD01-6329	Arthroscopic ankle ligament reconstruction <i>Surgeon: Bauer T. (France)</i>	30'
15:00 – 16:00	Arthroscopic fusion in ankle surgery <i>Moderation: de Leeuw P. (Netherlands), Calder J. (United Kingdom)</i>	
15:00 – 15:12	Arthrodesis vs. Prosthesis SY22-5081 <i>Stufkens S. (Netherlands)</i>	12'
15:12 – 15:24	What's the advantage of arthroscopic ankle arthrodesis & which ones to pick? SY22-5082 <i>Pearce C. (Singapore)</i>	12'
15:24 – 15:36	The posterior approach to arthroscopic ankle arthrodesis SY22-5083 <i>de Leeuw P. (Netherlands)</i>	12'
15:36 – 15:48	The role of biologics in bone healing SY22-5084 <i>Kennedy J. (United States of America)</i>	12'
15:48 – 16:00	Discussion	12'
16:00 – 16:30	Coffee break, visit industrial & e-poster exhibition	
16:30 – 17:00	Debate AFAS/ATSG: My worst achilles case <i>Moderation: Calder J. (United Kingdom), Karlsson J. (Sweden)</i>	
17:00 – 17:15	Keynote lecture by John Kennedy <i>Moderation: Carmont M. (United Kingdom)</i>	
17:00 – 17:15	Up to date – Ankle cartilage repair KN01-6333 <i>Kennedy J. (United States of America)</i>	15'



Room: 117	
17:15 – 18:15	Free Papers: Foot & ankle II <i>Moderation: Murawski C. (United States of America)</i>
17:15 – 17:22	Non-absorbable sutures can be use safely at Achilles tendon suture-guiding system with low complications <i>FP07-1676 Kocaoglu B. (Turkey), Ulku K., Gereli A., Karahan M., Turkmen M. 7'</i>
17:22 – 17:29	AEA National Award Winner -All inside anatomical repair in chronic ankle instability <i>FP07-6193 Arroyo Hernandez Marta (Spain), Páramo Díaz P., Mayo Santander J., Vidal Bujanda C., Martín López C.M., Vilà y Rico J. 7'</i>
17:29 – 17:36	Midterm results of posterior arthroscopic ankle fusion <i>FP07-1735 de Leeuw P. (Netherlands), Hendrickx R., van Dijk C., Stufkens S., Kerkhoffs G. 7'</i>
17:36 – 17:43	Which medical comorbidities affect surgical site infection rates after ankle arthrodesis? A large database analysis <i>FP07-2341 Murawski C. (United States of America), Chen Antonia, Desai Payal, Yasui Y., Kennedy J. 7'</i>
17:43 – 17:50	Joint mobilization and stretching exercise vs. steroid injection in the treatment of plantar fasciitis: A randomized controlled study <i>FP07-2448 Celik D. (Turkey), Kus Gamze, sirma s. 7'</i>
17:50 – 17:57	Gait improvement after implantation of a drop foot stimulator – Preliminary results <i>FP07-1989 Daniilidis K. (Germany), Jakobowitz E., Ettinger Sarah, Claaßen L., Plaaß C., Stukenborg-Colsman Christina, Windhagen H., Yao D. 7'</i>
17:57 – 18:04	Quality of life in patients with foot and ankle injuries: Athletes versus non-athletes <i>FP07-2798 Zwiers R. (Netherlands), Weel Hanneke, Blankevoort L., van Dijk C., Kerkhoffs G. 7'</i>
18:04 – 18:11	Time taken to return to activity after endoscopic gastrocnemius recession <i>FP07-1560 Tang Camelia (Singapore), Lai S., Lee B., Thevendran G. 7'</i>
18:15 – 19:15	AFAS Members' business meeting <i>van Dijk C. (Netherlands), Calder J. (United Kingdom)</i>
19:15 – 20:45	Congress Welcome Reception

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses





Room: Plenary		
07:30 – 08:55	ICL04: Common errors in ACL surgery <i>Moderation: Monllau J. (Spain), Williams A. (United Kingdom)</i>	
07:30 – 07:40	Choosing the right patient <i>ICL04-6081 Zdanowicz Urszula (Poland)</i>	10'
07:40 – 07:50	Graft choice and harvest technique <i>ICL04-6082 Monllau J. (Spain)</i>	10'
07:50 – 08:00	Tunnel position <i>ICL04-6083 Servien Elvire (France)</i>	10'
08:00 – 08:10	Failure to deal with non-ACL lesions <i>ICL04-6084 Lavelle J. (United Kingdom)</i>	10'
08:10 – 08:20	Poor rehabilitation, inappropriate return to play, and lack of ACL rupture prevention strategy <i>ICL04-6085 Ball S. (United Kingdom)</i>	10'
08:20 – 08:55	Discussion	35'
09:00 – 09:30	Ejnar Eriksson Lecture by Giancarlo Puddu <i>Moderation: Denti M. (Italy)</i>	
	Ligament surgery: The best of two teachers <i>IL05-5042 Puddu G. (Italy)</i>	30'
09:30 – 10:00	Presidential Lecture by Matteo Denti <i>Moderation: Seil R. (Luxembourg)</i>	
	<i>IL03-4034 Denti M. (Italy)</i>	30'



Room: Plenary			
	10:00 – 10:10	Presentation of the ESSKA Congress 2018 in Glasgow, Scotland/UK <i>Speaker: Karlsson J. (Sweden)</i>	Overview Timetables
	10:00 – 10:30	Coffee break, visit industrial & e-poster exhibition	
	10:30 – 11:00	Free Papers: ACL rotatory instability assessment <i>Moderation: Scheffler S. (Germany), Zaffagnini S. (Italy)</i>	Scientific Programme Wednesday
	10:30 – 10:37	Evaluation of tibial rotation during a high load activity after a soccer match <i>FP30-2088 Debandi A. (Chile), Darras D., Barra I., Neira A., Cristi I., Silvestre R.</i> 7'	Scientific Programme Wednesday
	10:37 – 10:44	Comparison of the rotational instability in anterior cruciate ligament deficient patients using an inertial sensor <i>FP30-1599 Murase A. (Japan), Nozaki M., Yasuma S., Sakai H., Kobayashi M., Goto H., Izumida M., Otsuka T.</i> 7'	Scientific Programme Thursday
	10:44 – 10:51	In-vivo assessment of rotatory knee laxity after ACL reconstruction with inertial sensors <i>FP30-2219 Marcheggiani Muccioli G. (Italy), Signorelli Cecilia, Bonanzinga T., Grassi A., Raggi F., Roberti di Sarsina T., Marcacci M., Zaffagnini S.</i> 7'	Scientific Programme Friday
	10:51 – 10:58	Validation of the non-invasive pivot shift measurement for clinical usability – An international multicenter study <i>FP30-1800 Hoshino Y. (Japan), Kuroda R., Lopomo N., Zaffagnini S., Samuelsson K., Karlsson J., Musahl V., Pivot Study Group</i> 7'	Scientific Programme Saturday
			Nurse-Course Pre-Courses



Room: Plenary			
11:00 – 12:00	Rotatory knee laxity: A new grading system <i>Moderation: Musahl V. (United States of America), Zaffagnini S. (Italy)</i>		
11:00 – 11:04	I get the most value from preoperative rotatory laxity assessment (stress XR, rotameter, etc) SY02-6240 Mayr H. (Germany), Mouton Caroline (Luxembourg)		4'
11:04 – 11:08	I change my operative plan after quantitative assessment in the OR (EUA) SY02-6241 Musahl V. (United States of America)		4'
11:08 – 11:12	ALL reconstruction should be added in high grade rotatory instability SY02-6243 Dejour D. (France)		4'
11:12 – 11:16	The contribution of the ALL to rotatory laxity is negligible SY02-6242 Amis A. (United Kingdom)		4'
11:16 – 11:20	Most value of ACL outcome assessment is patient reported SY02-6246 Karlsson J. (Sweden)		4'
11:20 – 11:24	Most value is from quantitative laxity assessment SY02-6247 Zaffagnini S. (Italy)		4'
11:24 – 11:28	I address high grade rotatory instability with intra-articular reconstruction SY02-6244 Espregueira-Mendes J. (Portugal)		4'
11:28 – 11:32	No! With extra articular tenodesis SY02-6245 Seil R. (Luxembourg)		4'
11:32 – 11:59	Discussion		27'
12:00 – 14:00	Lunch break & lunchtime workshops (details see p. 242 - 253)		
14:00 – 15:30	ESSKA General Assembly		
15:30 – 16:00	Coffee break, visit industrial & e-poster exhibition		





Room: Plenary		
16:00 – 17:00	Patellofemoral instability in athletes Voting <i>Moderation: Dejour D. (France), Donell S. (United Kingdom)</i>	
16:00 – 16:10	Sporting outcomes following trochleoplasty SY03-6126	10'
16:10 – 16:30	Case 1: 16 year-old rugby player SY03-6127	20'
16:30 – 16:50	Case 2: 19 year-old soccer player SY03-6128	20'
17:00 – 18:00	Patellofemoral joint: Treatment options for cartilage lesions Voting <i>Moderation: Servien Elvire (France), Farr J. (United States of America)</i>	
17:00 – 17:10	Basic Science considerations SY08-4052 <i>Madry H. (Germany)</i>	10'
17:10 – 17:20	Acute to chronic PF instability; causes of chondral lesions SY08-4053 <i>Servien Elvire (France)</i>	10'
17:20 – 17:30	Overview of Cartilage Treatment Options SY08-4054 <i>Verdonk P. (Belgium)</i>	10'
17:30 – 17:40	New Treatment options SY08-4055 <i>Kon Elizaveta (Italy)</i>	10'
17:40 – 17:50	Optimizing the PF articulation for Cartilage Surgery SY08-4056 <i>Farr J. (United States of America)</i>	10'
18:15 – 18:45	Social lecture by Miguel Torres <i>Moderation: Monllau J. (Spain)</i>	
IL08-6139	Climate change and its consequences on Spanish vineyards <i>Torres M. (Spain)</i>	30'

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 111		
07:30 – 08:55 ICL02: Biceps tendinopathy <i>Moderation: Taverna E. (Italy), Poberaj B. (Slovenia)</i>		
07:30 – 07:42	Variations of the intra-articular portion of the biceps tendon: a classification of embryological explained variations <i>ICL02-6149 Dierickx C. (Belgium)</i>	12'
07:42 – 07:54	Clinical examination of biceps tendinopathy <i>ICL02-6150 Randelli P. (Italy)</i>	12'
07:54 – 08:06	SLAP lesion <i>ICL02-6151 Karelse A. (Belgium)</i>	12'
08:06 – 08:18	Proximal biceps tendinopathy in elite athletes, associated pathology and treatment protocol <i>ICL02-6152 Lopez Vidriero E. (Spain)</i>	12'
08:18 – 08:30	Arthroscopic knotless suprapectoral tenodesis of the long head of biceps – clinical and structural results <i>ICL02-6153 Kerschbaum M. (Germany)</i>	12'
08:30 – 08:55	Discussion	25'
10:00 – 10:30 Coffee break, visit industrial & e-poster exhibition		
10:30 – 11:00 Debate: Does anterolateral ligament exist? Fact or fiction <i>Moderation: Neyret P. (France)</i>		
10:30 – 10:35	Debate: Does ALL exist? Fiction <i>DE01-6317 Fu F. (United States of America)</i>	5'
10:35 – 10:40	Debate: Does ALL exist? Fact <i>DE01-6318 Claes S. (Belgium)</i>	5'
10:40 – 11:00	Discussion	20'



Room: 111	
11:00 – 12:00	Free Papers: ACL anterolateral ligament <i>Moderation: Siebold R. (Germany), Hardeman F. (Belgium)</i>
11:00 – 11:07	Prevalence and patterns of injuries of antero-lateral ligament in acute ACL tears <i>FP35-2240 Monaco E. (Italy), Fabbri M., Redler A., Iorio C., Mazza D., De Carli A., Ferretti A.</i> 7'
11:07 – 11:14	Assessment of the anterolateral ligament of the knee by MRI in acute injuries of the anterior cruciate ligament <i>FP35-2289 Helito C. (Brazil), Helito P., Costa H., Bordalo-Rodrigues M., pecora j., Albuquerque R., Camanho G., Demange M.</i> 7'
11:14 – 11:21	In vivo elongation of the anterolateral ligament and related extra-articular reconstructions <i>FP35-1691 Van de Velde S. (Netherlands), Kernkamp W., Hosseini A., LaPrade R., van Arkel E., Li G.</i> 7'
11:21 – 11:28	The synergistic role of the lateral meniscus posterior root and the ALL in providing anterolateral rotational stability of the knee <i>FP35-2207 Getgood A. (Canada), Lording T., Corbo Gillian, Burkhart T.</i> 7'
11:28 – 11:35	Biomechanical comparison of anterolateral procedures combined with ACL reconstruction <i>FP35-2711 Inderhaug E. (Norway), Stephen Joanna, Williams A., Amis A.</i> 7'
11:35 – 11:42	Isometric point of lateral femoral condyle analysis with in vitro kinematic study in order to position the extra-articular part of an ACL reconstruction <i>FP35-2057 Ankri Marine (France), Khiami F., Rochcongar G., Pillet Helene, Rouch P., Thoreux Patricia</i> 7'
11:42 – 11:49	Anterolateral ligament controls rotational instability as a secondary restraint in ACL deficient knee <i>FP35-1584 Yasuma S. (Japan), Nozaki M., Murase A., Kobayashi M., Sakai H., Goto H., Nagaya Yuko, Otsuka T.</i> 7'
11:49 – 11:56	Biomechanical analysis of function and strain of ALL after reconstruction of the anterior cruciate and anterolateral ligament <i>FP35-2751 Kessler O. (Switzerland), Drews B., Franz W., Freutel Maren, Dürselen L.</i> 7'
12:00 – 14:00	Lunch break & lunchtime workshops (details see p. 242-253)
15:30 – 16:00	Coffee break, visit industrial & e-poster exhibition

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 111

16:00 – 16:30 Free Papers: Sports medicine / injury prevention

Moderation: Zdanowicz Urszula (Poland), Jones H. (Portugal)

16:00 – 16:07 The prevalence of depression and stress in exercisers with musculoskeletal injury

FP45-2001 *Lichtenstein Mia Beck (Denmark), Andersen K., Gudex Claire, Jørgensen U.* 7'

16:07 – 16:14 Muscle strength of medial and lateral hamstrings in athletes after ACL reconstruction using a graft harvested from the semitendinosus

FP45-1909 *Briem Kristin (Iceland), Björgvinsdóttir Katrín, Traustason Á.* 7'

16:14 – 16:21 Diagnosis and surgical treatment of popliteal artery entrapment syndrome in elite athletes

FP45-2216 *Lopez Vidriero E. (Spain), Lopez-Vidiero Rosa, Arriaza R., Arriaza A., Fernandez Rodriguez C.* 7'

16:21 – 16:28 Medial knee pain in soccer players due to deep medial collateral ligament injury with menisco-tibial instability

FP45-1635 *Jørgensen U. (Denmark), Bregnenhof B.* 7'



Room: 111				
16:30 – 18:00 Prevention of overload and injuries in sports <i>Moderation: Jones H. (Portugal), Mayr H. (Germany)</i>				Overview Timetables
16:30 – 16:31	Introduction			
SY33-4093	Mayr H. (Germany)		1'	Scientific Programme Wednesday
16:31 – 16:39	Causes of sports injuries			
SY33-4094	Fink C. (Austria)		8'	
16:39 – 16:47	Essential pre-season examinations in sportsmen			Scientific Programme Thursday
SY33-4095	Canata G. (Italy)		8'	
16:47 – 16:55	General prevention principles of overload damage in sports			
SY33-4096	Jones H. (Portugal)		8'	Scientific Programme Friday
16:55 – 17:03	Special aspects of prevention in children and adolescents			
SY33-4097	Maestro A. (Spain)		8'	
17:03 – 17:11	Specific aspects of throwing sports			Scientific Programme Saturday
SY33-4098	Lansdaal J. (Netherlands)		8'	
17:11 – 17:19	Specific aspects of football			
SY33-4099	Williams A. (United Kingdom)		8'	Nurse-Course Pre-Courses
17:19 – 17:27	Specific aspects of alpine skiing			
SY33-5000	Mayr H. (Germany)		8'	
17:27 – 17:35	Implementation of prevention in sports			Nurse-Course Pre-Courses
SY33-5001	Della Villa S. (Italy)		8'	
17:35 – 17:55	Discussion			
5433-5002	Jones H. (Portugal)		20'	Nurse-Course Pre-Courses
17:55 – 18:00	Summary and prospect			
SY33-5004	Felmet G. (Germany)		5'	

**Room: 112****07:30 – 08:55 ICL01: Management of PCL injuries**

Moderation: Fink C. (Austria), Margheritini F. (Italy)

07:30 – 07:37 Anatomy of the PCL and peripheral restraints

ICL01-6321 Smigielski R. (Poland)

7'

07:37 – 07:44 Biomechanics of the PCL

ICL01-6323 Amis A. (United Kingdom)

7'

07:44 – 07:55 Evaluation and indications for surgery

ICL01-6322 Scheffler S. (Germany)

11'

07:55 – 08:06 Conservative treatment of PCL injuries

ICL01-6324 LaPrade R. (United States of America)

11'

08:06 – 08:17 PCL reconstructions technique: Open and arthroscopic Inlay

ICL01-6325 Benedetto K. (Austria)

11'

08:17 – 08:28 PCL reconstructions technique: Transtibial reconstruction

ICL01-6326 Margheritini F. (Italy)

11'

08:28 – 08:39 Revision PCL reconstruction: Clinical and surgical approach

ICL01-6327 Weiler A. (Germany)

11'

08:39 – 08:54 Discussion

15'

10:00 – 10:30 Coffee break, visit industrial & e-poster exhibition



Room: 112			
10:30 – 11:00		Free Papers: Shoulder-biceps tendon	
		<i>Moderation: Brzoska R. (Poland), Nebelung W. (Germany)</i>	
10:30 – 10:37	A systematic review and meta-analysis of diagnostic test of MRA versus MRI for detection superior labrum anterior to posterior lesions type II-VII		Overview Timetables
FP21-1334	<i>Airachakaran Alisara (Thailand), Boonard M., Chaijenkij K., Pituckhanotai K., Prommahachai A., Kongtharvonskul J.</i>	7'	Scientific Programme Wednesday
10:37 – 10:44	The management of the long head of the biceps in rotator cuff repair: Prospective cohort study of high versus subpectoral tenodesis		Scientific Programme Wednesday
FP21-2544	<i>Franceschi F. (Italy), Franceschetti E., Palumbo A., Paciotti M., Campi S., Maffulli N., Papalia R., Denaro V.</i>	7'	Scientific Programme Thursday
10:44 – 10:51	Return to play outcomes after superior labral anterior-posterior tear repair in high school baseball pitchers		Scientific Programme Thursday
FP21-1342	<i>Axe J. (United States of America), Axe M., Walters B., Aune K., Winder R., Cain L., Dugas J., Fleisig G.</i>	7'	Scientific Programme Friday
10:51 – 10:58	Clinical outcome and pain relief after arthroscopic repair of isolated type II SLAP lesions – The progress over time		Scientific Programme Friday
FP21-2583	<i>Bösmüller Sandra (Austria), Tiefenböck T., Hofbauer M., Bukaty A., Oberleitner G., Huf W., Fialka C.</i>	7'	Scientific Programme Saturday
			Nurse-Course Pre-Courses




Room: 112			
11:00 – 12:00 Shoulder lesions in overhead athletes			
<i>Moderation: Ludvigsen T. (Norway), Agneskirchner J. (Germany)</i>			
11:00 – 11:10	Are there sports specific pathological changes in the deteriorating rotator cuff?		
SY16-5043	Boe Berte (Norway)		10'
11:10 – 11:20	Partial rotator cuff tears in overhead athletes. Diagnosis and treatment options		
SY16-5044	Kovacic L. (Slovenia)		10'
11:20 – 11:30	Rotator cuff tears in volleyball players		
SY16-5045	Deligeorgis A. (Greece)		10'
11:30 – 11:40	Shoulder instability and rotator cuff lesions		
SY16-5046	Beitzel K. (Germany)		10'
11:40 – 11:50	Incidence and treatment of rotator cuff lesions in overhead athletes		
SY16-5047	Meyer D. (Switzerland)		10'
11:50 – 12:00	Discussion		10'
12:00 – 14:00 Lunch break & lunchtime workshops (details see p. 242 - 253)			
15:30 – 16:00 Coffee break, visit industrial & e-poster exhibition			
16:00 – 16:15 Keynote lecture by M. García-Navlet			
<i>Moderation: Brzoska R. (Poland)</i>			
	Understanding scapulothoracic pathology and its relationships		
KN05-6169	García-Navlet M. (Spain)		15'



Room: 112				
16:15 – 17:15 Free Papers: Shoulder rotator cuff <i>Moderation: Agneskirchner J. (Germany), Noguera J. (Spain)</i>				Overview Timetables
16:15 – 16:22	The degree of beach chair position during shoulder arthroscopy. Does it affect cerebral oxygenation? A prospective comparative study	<i>FP16-1823 Ghandour T. (United Arab Emirates), Abdelrahman A., Ibrahim A., Badie M.</i>	7'	
16:22 – 16:29	Conventional arthroscopic double-row rotator cuff repair versus arthroscopic undersurface rotator cuff repair: 2 years follow-up	<i>FP16-1658 Ang B. (Singapore), Chen J., Yeo W., Lie D., Chang P.</i>	7'	Scientific Programme Wednesday
16:29 – 16:36	Predictive factors of re-tear in arthroscopic rotator cuff surgery	<i>FP16-2808 Ardevol J. (Spain), Codina Grano D., Ramazzini R., Gaviria Parada Maria Elena</i>	7'	Scientific Programme Thursday
16:36 – 16:43	Advantages of arthroscopic rotator cuff repair with transosseous suture technique. A prospective randomized controlled trial	<i>FP16-2537 Randelli P. (Italy), Zaolino C., Bruno Valentina, Ragone Vincenza, Fossati Chiara, Stoppani C., Aliprandi A.</i>	7'	
16:43 – 16:50	The balloon-technique: A new treatment for a massive rotator cuff rupture	<i>FP16-2618 Piekaar R. (Netherlands), Huijsmans P., Bouman Ilse, van Kampen Paulien</i>	7'	Scientific Programme Friday
16:50 – 16:57	Arthroscopic double row cuff repair with suture-bridging and platelet-rich fibrin gel: Functional and structural results	<i>FP16-2745 Bommier Aude (France), Werthel J., Zbili D., Boyer P.</i>	7'	Scientific Programme Saturday
16:57 – 17:04	The effects of graft material on tendon healing and clinical outcomes after rotator cuff repair: A meta-analysis	<i>FP16-1827 Ono Y. (Canada), Dávalos Herrera D., Woodmass J., Boorman R., Thornton Gail, Lo I.</i>	7'	
17:04 – 17:11	Finland National Award Winner – Conservative treatment proven superior to decompression in the treatment of anterolateral shoulder pain. A randomised controlled 12-year follow up	<i>FP16-6177 Ketola Saara (Finland)</i>	7'	Nurse-Course Pre-Courses

**Room: 112**


17:15 – 17:45 **Debate ESA: A Traumatic multidirectional shoulder instability – surgical treatment or rehabilitation** 

Moderation: Antonogiannakis E. (Greece)

17:15 – 17:45 Panel

DE04-6396 *Avanzi P. (Italy), Ruiz Iban M. (Spain)*

30'

17:45 – 18:15 **Debate ESA: AC joint acute instability – choosing the best treatment** 

Moderation: Cartucho A. (Portugal)

17:45 – 18:15 Panel

DE05-6397 *Kovacic L. (Slovenia), Stullitel D. (Argentina)*

30'



Room: 113			
07:30 – 08:55 ICL05: Stress fractures in sports			Overview Timetables
<i>Moderation: Darabos N. (Croatia), Vioreanu M. (Ireland)</i>			
07:30 – 07:42	Basics and new knowledge about causes of SF in sport		Scientific Programme Wednesday
<i>ICL05-5090</i>	<i>Stevanovic V. (Serbia)</i>	12'	
07:42 – 07:54	SF in the hip and pelvis region		
<i>ICL05-5091</i>	<i>Darabos N. (Croatia)</i>	12'	Scientific Programme Thursday
07:54 – 08:06	SF in the lower leg region		
<i>ICL05-5092</i>	<i>Zupanc O. (Slovenia)</i>	12'	
08:06 – 08:18	SF in the foot region		Scientific Programme Friday
<i>ICL05-5093</i>	<i>Darabos N. (Croatia)</i>	12'	
08:18 – 08:30	Novel approaches in the treatment and prevention of SF		
<i>ICL05-5094</i>	<i>Falvey E. (Ireland)</i>	12'	Scientific Programme Saturday
08:30 – 08:55	Discussion	25'	
10:00 – 10:30	Coffee break, visit industrial & e-poster exhibition		Nurse-Course Pre-Courses



Room: 113			
10:30 – 11:30	Prevention of knee injuries in winter sports	<i>Moderation: Menetrey J. (Switzerland), Vidal A. (Spain)</i>	
10:30 – 10:33	Introduction: Snow sport injuries in a ski resort	<i>SY32-5015 Vidal A. (Spain)</i>	3'
10:33 – 10:38	Evolution of knee ligament injuries in winter sports	<i>SY32-5016 Binet M. (France)</i>	5'
10:38 – 10:43	Risk factors and prevention strategies for ACL injuries in children and adolescents in alpine sports	<i>SY32-5017 Zacharopoulos A. (Greece)</i>	5'
10:43 – 10:50	Ski bindings and the mitigation of ACL knee injuries	<i>SY32-5018 Howell R. (United States of America)</i>	7'
10:50 – 10:57	ACL injuries in skiing and the principles that apply to their prevention	<i>SY32-5019 Brown C. (United States of America)</i>	7'
10:57 – 11:04	Preventing ski injuries through equipment	<i>SY32-5020 Negrin Vyhmeister R. (Chile)</i>	7'
11:04 – 11:11	Training and rehabilitation for preventing knee ligament injuries	<i>SY32-5021 Urabe Y. (Japan)</i>	7'
11:11 – 11:18	Physiotherapy as prevention injuries in elite skiers	<i>SY32-5022 Jürgen H. (Austria)</i>	7'
11:18 – 11:23	GOTS National Award Winner – Development of a preventive knee brace in professional ski racing – a holistic developmental concept and successful implementation in the FIS alpine skiing world cup	<i>SY32-6182 Brucker P. (Germany)</i>	5'
11:23 – 11:30	Discussion		7'



Room: 113		
11:30 – 12:00 Free Papers: Knee conservative treatment		
<i>Moderation: Darabos N. (Croatia), Gigante A. (Italy)</i>		
11:30 – 11:37	Midterm results of symptomatic treatment of osteoarthritis of the knee using intra-articular injection <i>FP46-2701 Silva Amila (Singapore), Lo N., Yeo S., Chia S.</i>	7'
11:37 – 11:44	HYADD 4-G vs. methylprednisolone acetate in symptomatic knee osteoarthritis: A single-center single blind prospective randomized controlled clinical study with 1-year follow-up <i>FP46-1476 Bisicchia S. (Italy), Bernardi G., Tudisco C.</i>	7'
11:44 – 11:51	Hyperosmolar dextrose injection for Osgood-Schlatter disease: A prospective randomized double-blind study <i>FP46-1522 Nakase J. (Japan), Ohashi Y., Numata H., Oshima T., Takata Y., Tsuchiya H.</i>	7'
11:51 – 11:58	Alendronate promote the bone formation in the donor site of mosaicplasty <i>FP46-1311 Nakagawa Y. (Japan), mukai s., Saji T., Yabumoto H., Nakamura T.</i>	7'
12:00 – 14:00 Lunch break & lunchtime workshops (details see p. 242-253)		
15:30 – 16:00 Coffee break, visit industrial & e-poster exhibition		
16:00 – 17:00 The role of arthroscopy in treatment of joint infection		
<i>Moderation: Bauer T. (France)</i>		
16:00 – 16:15	EAE – Hellenic Association of Arthroscopy, Knee Surgery and Sports Injuries <i>RT04-6363 Hantes M. (Greece), Fotopoulos V. (Greece)</i>	15'
16:15 – 16:30	BASK – British Association for Surgery of the Knee <i>RT04-6378 Parkinson R. (United Kingdom)</i>	15'
16:30 – 16:45	SSASST – Slovenian Society for Arthroscopic Surgery and Sports Traumatology <i>RT04-6374 Ambrozic B. (Slovenia), Drobnic M. (Slovenia)</i>	15'
16:45 – 17:00	NAA – Norwegian Arthroscopy Association <i>RT04-6368 Skramm I. (Norway), Jenssen Kjersti Kaul (Norway)</i>	15'

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 113

17:00 – 18:00 **Angle of fixation of ACL graft: Preset or case based**

Moderation: Espregueira-Mendes J. (Portugal)

17:00 – 17:20 GOTS – Society for Orthopaedic and Traumatologic Sports Medicine

RT02-6362 *Tischer T. (Germany), Grim C. (Germany)*

20'

17:20 – 17:40 FINLAND – Finnish Arthroscopy Association

RT02-6357 *Sillanpää P. (Finland), Itala A. (Finland)*

20'

17:40 – 18:00 CSSTA – Croatian Society for Sports Traumatology and Arthroscopy

RT02-6356 *Gulan G. (Croatia), Haspl M. (Croatia)*

20'



Room: 114			
07:30 – 08:55 ICL06: Management of meniscus root tears			Overview Timetables
<i>Moderation: Kopf S. (Germany), Pujol N. (France)</i>			
07:30 – 07:32	Introduction		Scientific Programme Wednesday
	<i>ICL06-6086</i>	2'	
07:32 – 07:43	Anatomy		
	<i>ICL06-6087 Feucht M. (Germany)</i>	11'	
07:43 – 07:54	Biomechanics		Scientific Programme Thursday
	<i>ICL06-6088 Stärke C. (Germany)</i>	11'	
07:54 – 08:05	Diagnostics: history & clinical tests		
	<i>ICL06-6089 Hirschmann M. (Switzerland)</i>	11'	
08:05 – 08:16	Radiologic diagnostics		Scientific Programme Friday
	<i>ICL06-6090 Hirschmann Anna (Switzerland)</i>	11'	
08:16 – 08:27	Therapy of acute lesions		
	<i>ICL06-6091 Pujol N. (France)</i>	11'	
08:27 – 08:38	Therapy of degenerative lesions		Scientific Programme Saturday
	<i>ICL06-6092 Kopf S. (Germany)</i>	11'	
08:38 – 08:49	Conservative treatment and rehabilitation		
	<i>ICL06-6093 Gokeler A. (Netherlands)</i>	11'	
08:49 – 08:53	Summary		Nurse-Course Pre-Courses
	<i>ICL06-6094</i>	4'	
10:00 – 10:30 Coffee break, visit industrial & e-poster exhibition			



Room: 114		
10:30 – 11:30	How to treat degenerative meniscal lesion? <i>Moderation: Verdonk P. (Belgium)</i>	
10:30 – 10:45	UASTKA – Ukrainian Association of Sport Traumatology, Knee Surgery and Arthroscopy <i>RT03-6379 Vadzyuk N. (Ukraine), Zasadnyuk I. (Ukraine)</i>	15'
10:45 – 11:00	SFTS – French Society of Sports Traumatology <i>RT03-6359 Thoreux Patricia (France)</i>	15'
11:00 – 11:15	MAOT – Macedonian Association of Orthopaedics and Traumatology <i>RT03-6366 Mitev K. (Macedonia), Nastov N. (Macedonia)</i>	15'
11:15 – 11:30	SEROD – Spanish Society of the Knee <i>RT03-6375 Maestro A. (Spain), Hinarejos P. (Spain)</i>	15'
11:30 – 12:00	Free Papers: Meniscus I <i>Moderation: Kopf S. (Germany), Koeter S. (Netherlands)</i>	
11:30 – 11:37	Complex meniscus tears treated with collagen matrix wrapping and bone marrow blood injection: A good result in 5 years clinical follow-up <i>FP32-2729 Piontek T. (Poland), Ciemniowska-Gorzela Kinga, Naczek J., Slomczykowski M.</i>	7'
11:37 – 11:44	Clinical and radiographic outcomes after arthroscopic centralization of lateral meniscus extrusion <i>FP32-1141 Koga H. (Japan), Muneta T., Sekiya I.</i>	7'
11:44 – 11:51	Bilateral drop landing motor control strategies following partial medial and lateral meniscectomy <i>FP32-2792 Iosifidis M. (Greece), Iliopoulos E., Tsatalas T., Sideris V., Eftychiakos N., Totlis T., Giakas I., Kyriakidis A.</i>	7'
11:51 – 11:58	Prognostic factors in the midterm results of pullout repair for posterior root tears of the medial meniscus <i>FP32-2422 Ha J. (South Korea (ROK)), Chung K., Kim J., Ra H.</i>	7'
12:00 – 14:00	Lunch break & lunchtime workshops (details see p. 242-253)	
15:30 – 16:00	Coffee break, visit industrial & e-poster exhibition	



Room: 114		
16:00 – 17:00 Free Papers: Meniscus II <i>Moderation: Leyes M. (Spain), Järvelä T. (Finland)</i>		
16:00 – 16:07	False negative on MRI for medial meniscus tears, tibial plateau bone bruise is an indirect sign <i>FP18-2275 Demey G. (France), Batailler C., Dejour D.</i>	7'
16:07 – 16:14	Knee arthroscopy in middle-aged patients with meniscal symptoms: A prospective, randomised, single-blinded study with 3 years follow-up <i>FP18-2549 Gauffin H. (Sweden), Sonesson Sofi, Meunier A., Magnusson H., Kvist Joanna</i>	7'
16:14 – 16:21	Outcomes of arthroscopic meniscal repair for radial tears of the midbody of the lateral meniscus <i>FP18-1724 Kubota Chihiro (Japan), Suzuki T., Kamiya T., Matsumura T., Otsubo H.</i>	7'
16:21 – 16:28	Meniscus body extrusion after arthroscopic partial meniscectomy vs. non-operative management in patients with knee osteoarthritis <i>FP18-1724 Englund M. (Sweden), Zhang F., Guermazi A., Roemer F., Losina Elena, Katz J.</i>	7'
16:28 – 16:35	Second-look arthroscopic results of meniscal repair concomitantly performed with anatomic double-bundle anterior cruciate ligament reconstruction <i>FP18-1804 Kanto R. (Japan), Yamaguchi M., Sasaki K., Matsumoto A., Nakayama H., Yoshiya S.</i>	7'
16:35 – 16:42	Mechanical symptoms and arthroscopic partial meniscectomy in patients with degenerative meniscus tear: A secondary analysis of a randomized, placebo-controlled trial <i>FP18-1265 Sihvonen R. (Finland), Englund M., Turkiewicz Aleksandra, Järvinen T.</i>	7'
16:42 – 16:49	Efficacy of combined sciatic and femoral nerve block for knee arthroscopy: 12 years' experience of one single center <i>FP18-1788 Hantes M. (Greece), Doxariotis N., Karatzios K., Raoulis V., Alexiou K., Mpanios K.</i>	7'
16:49 – 16:56	Ramp lesions: Incidence and associated injuries <i>FP18-2694 Sabnis B. (India), Usman S., Joshi A., Kini A.</i>	7'
17:00 – 17:15 Keynote lecture by Kenneth DeHaven <i>Moderation: Denti M. (Italy)</i>		
KN12-6332	Meniscus repair in the western world: A historical review <i>DeHaven K. (United States of America)</i>	15'

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 114

17:15 – 18:15 Free Papers: Meniscus transplantation

Moderation: Harner C. (United States of America), Pinar H. (Turkey)

17:15 – 17:22	Analysis of 3D strain and graft extrusion of medial meniscus allograft transplantation with an additional peripheral point of fixation	
FP31-2595	<i>Getgood A. (Canada), Kolaczek Sandra, Hewison C., Akindolire J., Lording T., Caterine S., Gordon Karen</i>	7'
17:22 – 17:29	Survivorship and clinical outcomes of 147 consecutive arthroscopic bone plug free meniscal allograft transplantation: Results at 2 years minimum follow-up	
FP31-2119	<i>Zaffagnini S. (Italy), Grassi A., Marcheggiani Muccioli G., Signorelli Cecilia, Raggi F., Rotini M., Roberti di Sarsina T., Marcacci M.</i>	7'
17:29 – 17:36	Polyurethane synthetic scaffold for meniscal regeneration: Prospective clinical study at 6 years' follow-up	
FP31-2180	<i>Sessa A. (Italy), Perdisa F., Andriolo L., Filardo G., Tentoni F., Zaffagnini S., Kon Elizaveta, Marcacci M.</i>	7'
17:36 – 17:43	A novel silk bases resurfacing technology in sheeps – 6-months GLP results	
FP31-2787	<i>Kessler O. (Switzerland), Dürselen L., Skaer N.</i>	7'
17:43 – 17:50	Multivariate analysis of risk factors of graft extrusion after lateral meniscus allograft transplantation	
FP31-1278	<i>Ahn J. (South Korea (ROK)), Lee S., Kim C., Kang H.</i>	7'
17:50 – 17:57	3-years prospective follow-up study of patients after meniscus transplantation	
FP31-2768	<i>Strauss M. (Norway)</i>	7'
17:57 – 18:04	Meniscal allograft extrusion under physiological load – A cadaveric comparison of two surgical techniques	
FP31-2603	<i>Getgood A. (Canada), Hewison C., Kolaczek Sandra, Beveridge T., Lording T., Akindolire J., Caterine S., Gordon Karen</i>	7'
18:04 – 18:11	Extrusion after lateral meniscal allograft transplantation: Comparison between medial and lateral arthrotomy	
FP31-1185	<i>Choi N. (South Korea (ROK)), Jung Y., Yang B.</i>	7'



Room: 115			
07:30 – 08:55	ICL07: All arthroscopic anatomic ligament reconstruction for chronic ankle instability <i>Moderation: Guillo S. (France), Vega J. (Spain)</i>		Overview Timetables
07:30 – 07:40	Anatomy <i>ICL07-6312 Dalmau-Pastor M. (Spain)</i>	10'	Scientific Programme Wednesday Scientific Programme Thursday
07:40 – 07:50	Pathological findings <i>ICL07-6313 Vega J. (Spain)</i>	10'	
07:50 – 08:00	Ligament repair <i>ICL07-6314 Guillo S. (France)</i>	10'	
08:00 – 08:10	Ligament reconstruction <i>ICL07-6315 Glazebrook M. (Canada)</i>	10'	
08:10 – 08:20	Rehabilitation <i>ICL07-6316 Pearce C. (Singapore)</i>	10'	
10:00 – 10:30	Coffee break, visit industrial & e-poster exhibition		
			Scientific Programme Saturday
			Nurse-Course Pre-Courses



Room: 115

10:30 – 10:40 **PT Programme: Introduction**

Moderation: Werner Suzanne (Sweden), Gard Suzanne (Switzerland), van Cingel R. (Netherlands), Pereira R. (Portugal), Romeri D. (Spain)

10:40 – 12:00 **PT: Motor control and motor learning**

Moderation: Gard Suzanne (Switzerland), van Cingel R. (Netherlands)

10:40 – 10:50 Introduction: Perception, action and control

PT02-4000 van Cingel R. (Netherlands) 10'

10:50 – 11:05 Motor perceptive skills

PT02-4001 Williams M. (United Kingdom) 15'

11:05 – 11:20 Motor learning strategies in ACL rehabilitation

PT02-4002 Benjaminse Anne (Netherlands) 15'

11:20 – 11:35 The management of apprehension after joint dislocation

PT02-4003 Gard Suzanne (Switzerland) 15'

11:35 – 11:45 Physical activity improves brain capacity and function

PT02-4004 Gojanovic B. (Switzerland) 10'

11:45 – 12:00 Discussion

15'

12:00 – 14:00 Lunch break & lunchtime workshops (details see p. 242 - 253)

14:00 – 15:30 **PT: Female in sports**

Moderation: Romero D. (Spain)

14:00 – 14:15 Neuromuscular training after basketball injuries

PT03-4005 Fort Azahara (Spain) 15'

14:15 – 14:30 Muscle strength and female sex hormones

PT03-4006 Hirschberg Angelica (Sweden) 15'

14:30 – 14:45 Physical performance after pregnancy and child delivery

PT03-4007 Larsén Karin (Sweden) 15'

14:45 – 15:00 Should female athletes train like male athletes?

PT03-4008 Larsén Karin (Sweden) 15'

15:00 – 15:15 Female adolescent athletes

PT03-6309 Fridén Cecilia (Sweden) 15'

15:15 – 15:30 Discussion

15'

15:30 – 16:00 Coffee break, visit industrial & e-poster exhibition



Room: 115		
16:00 – 16:20	PT: Keynote lecture <i>Moderation: Pereira R. (Portugal)</i>	
16:00 – 16:20	Meniscus biology and biomechanics <i>PT04-4009 Espregueira-Mendes J. (Portugal)</i>	20'
16:20 – 18:15	PT: Knee-related injuries <i>Moderation: Werner Suzanne (Sweden), van Cingel R. (Netherlands)</i>	
16:20 – 16:30	Muscle strength after hamstring tendon ACL reconstruction <i>PT05-4010 Sernert Ninni (Sweden)</i>	10'
16:30 – 16:40	The role of NMES superimposed to functional exercises in postop ACL rehabilitation: interim results of a follow-up study <i>PT05-4011 Macaluso A. (Italy)</i>	10'
16:40 – 16:50	ACL rehabilitation – are we doing well? <i>PT05-4012 Witvrouw E. (Belgium)</i>	10'
16:50 – 17:00	Cartilage injuries following ACL ruptures <i>PT05-4013 Briem Kristin (Iceland)</i>	10'
17:00 – 17:10	Update on rehabilitation of patients with knee arthrosis <i>PT05-4014 van Assche D. (Belgium)</i>	10'
17:10 – 17:20	Management and rehabilitation after meniscus injuries <i>PT05-4015 Pauls J. (Luxembourg), Seil R. (Luxembourg)</i>	10'
17:20 – 17:30	Jumper's knee, new insights of treatment options <i>PT05-4016 Willberg Lotta (Sweden)</i>	10'
17:30 – 17:40	Update on rehabilitation of patients with anterior knee pain <i>PT05-4017 Werner Suzanne (Sweden)</i>	10'
17:40 – 18:15	Interactive round table discussion <i>PT05-6262</i>	35'

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 116		
07:30 – 08:55	ICL08: Proximal hamstring injuries <i>Moderation: Engebretsen L. (Norway), Tol H. (Netherlands)</i>	
07:30 – 07:40	Anatomy of the proximal hamstring complex <i>ICL08-5095 van der Made A. (Qatar)</i>	10'
07:40 – 07:50	Etiology of proximal hamstring injuries <i>ICL08-5096 van der Made A. (Qatar)</i>	10'
07:50 – 08:00	Surgical treatment of acute proximal hamstring injuries <i>ICL08-5097 Kerkhoffs G. (Netherlands)</i>	10'
08:00 – 08:10	Surgical treatment of chronic proximal hamstring injuries <i>ICL08-5098 Orava S. (Finland)</i>	10'
08:10 – 08:20	Rehabilitation of incomplete proximal stretch type hamstring injuries – worst case scenario? <i>ICL08-5099 Moksnes H. (Norway)</i>	10'
08:20 – 08:30	PRP for acute and chronic proximal hamstring injuries <i>ICL08-6000 Reurink G. (Netherlands)</i>	10'
08:30 – 08:55	Discussion	25'
10:00 – 10:30	Coffee break, visit industrial & e-poster exhibition	



Room: 116			
10:30 – 11:30 Central tendon injuries <i>Moderation: Järvinen T. (Finland), Puigdemívol J. (Spain)</i>			Overview Timetables
10:30 – 10:32	Introduction SY31-4077	2'	
10:32 – 10:50	Central tendon injury – the missing link in hamstring injuries? SY31-4078 <i>Brukner P. (Australia)</i>	18'	Scientific Programme Wednesday
10:50 – 11:00	Central tendon injury – when is surgical treatment indicated? SY31-4079 <i>Lempainen L. (Finland)</i>	10'	
11:00 – 11:10	Surgical approach SY31-4080 <i>Puigdemívol J. (Spain)</i>	10'	Scientific Programme Thursday
11:10 – 11:15	Alternative surgical technique to central tendon injuries SY31-6319 <i>Sonnery-Cottet B. (France)</i>	5'	
11:15 – 11:25	Return to play SY31-4081 <i>Pruna R. (Spain)</i>	10'	Scientific Programme Friday
11:25 – 11:30	Discussion	5'	
			Scientific Programme Saturday
			Nurse-Course Pre-Courses



Room: 116			
11:30 – 12:00 Free Papers: Muscle injuries			
<i>Moderation: Engebretsen L. (Norway), Reurink G. (Netherlands)</i>			
11:30 – 11:37	Proximal 1-, 2- and 3-tendon hamstring avulsions in professional athletes		
FP27-2505	Lempainen L. (Finland), Sarimo J., Orava S.		7'
11:37 – 11:44	Pectoralis major tendon repair – Functional outcomes, return to sport and incidence of 2nd surgery in a consecutive series of 76 athletes		
FP27-2313	Cordasco F. (United States of America), Mahony, BS G., Tsouris N., Degen, MD R.		7'
11:44 – 11:51	Better knee function after surgical repair of quadriceps tendon rupture in comparison to patellar tendon rupture		
FP27-1790	Hantes M. (Greece), Chliapas S., Raoulis V., Karatzios K., Karachalios T., Malizos k.		7'
11:51 – 11:58	Complete rupture of proximal attachment of gluteus maximus combined with partial tear of gluteus medius' proximal attachment after snowboarding accident – clinical treatment – case study		
FP27-2129	Kopko D. (Poland), Smigielski R., Syrek Magdalena		7'
12:00 – 14:00 Lunch break & lunchtime workshops (details see p. 242-253)			
15:30 – 16:00 Coffee break, visit industrial & e-poster exhibition			
16:00 – 16:15 Keynote lecture by Kazu Yasuda			
<i>Moderation: Zaffagnini S. (Italy)</i>			
	Effects of remnant tissue preservation on anatomic double bundle ACL reconstruction		
KN07-6172	Yasuda K. (Japan)		15'



Room: 116			
16:15 – 17:00 Free Papers: ACL reconstruction			Overview Timetables
Moderation: <i>Tecklenburg Katja (Austria), Rincon G. (Colombia)</i>			
16:15 – 16:22	Conservative treatment of ruptured ACL: A prospective study of controlled ACL healing with fully restored anatomy and function in patients pre-selected by diffusion-weighted MRI		Scientific Programme Wednesday
FP20-2790	<i>Delin C. (France), Vandensteene J., Rousseau R., Thelen P., Silvera S., Javoy P., Djian P., Legmann P.</i>	7'	
16:22 – 16:29	The influence of the morphology of ACL remnant on the outcome of the ACL reconstruction with remnant preservation		Scientific Programme Thursday
FP20-2769	<i>Cholewinski J. (Poland), Ficek K., Wiatr A., Herman Katarzyna</i>	7'	
16:29 – 16:36	Effects of remnant ligament tissue preservation on graft healing in anatomic double-bundle anterior cruciate ligament reconstruction using magnetic resonance imaging		Scientific Programme Friday
FP20-1237	<i>Yokota M. (Japan), Onodera Jun, Kondo E., Kitamura N., Goto Keiko, Iwasaki N., Yasuda K.</i>	7'	
16:36 – 16:43	Early results of a bioresorbable PLLA scaffold for regeneration of the ACL in high-activity patients		Scientific Programme Saturday
FP20-1197	<i>van Egmond K. (Netherlands), Brouwer R., Arciero R., Stanton R., Clechet J.</i>	7'	
16:43 – 16:50	Does ACL rupture location play a role in dynamic intraligamentary augmentation?		Nurse-Course Pre-Courses
FP20-1503	<i>Krismer Anna (Switzerland), Ahmad S., Kohl S.</i>	7'	
16:50 – 16:57	Influence of anterior cruciate ligament residual remnants and plasma preparation rich in growth factors on graft healing and clinical results after ACL augmentation reconstructive techniques		
FP20-1577	<i>Andonovski A. (Macedonia), Andonovska Biljana, Strezovski K., Nancheva Jasminka</i>	7'	
17:00 – 17:15 Keynote lecture by Roshan Wade			
Moderation: <i>Djian P. (France)</i>			
	How to improve ACL healing and function		
KN02-6395	<i>Wade R. (India)</i>	15'	



Room: 116

17:15 – 18:15 Free Papers: ACL miscellaneous

Moderation: Sastre S. (Spain), Costa-Paz M. (Argentina)

17:15 – 17:22	Does early anterior cruciate ligament reconstruction restore dynamic knee function and improve clinical outcomes?	7'
FP29-1359	Nishizawa Y. (United States of America), Irrgang J., Fu F., Tashman S.	
17:22 – 17:29	Outcome of ACL reconstruction: Does age matter?	7'
FP29-2248	Wierer G. (Austria), Hoser C., Runer A., Hepperger Caroline, Gföller P., Fink C.	
17:29 – 17:36	Complications after ACL reconstruction comparing 2 graft types: A prospective study	7'
FP29-2771	Labruyère Charlotte (France), Rousseau R., Makridis K., Djian P.	
17:36 – 17:43	Anterior cruciate ligament reconstruction by patellar tendon graft: A novel solution to reduce anterior knee pain	7'
FP29-1404	Azab M. (Canada), Elrakaybi M., Ali Enjie	
17:43 – 17:50	Efficacy of osteoconductive ceramics in bioresorbable screws for ACL reconstruction: A prospective intra-patient comparative study	7'
FP29-2734	Barth J. (France), Akritopoulos P., Graveleau N., Barthelemy R., Toanen Cecile, Saffarini M.	
17:50 – 17:57	Interference screw fixation versus press fit free bone plugs in ACL reconstruction with STG tendon graft; a randomised control study	7'
FP29-2678	Farouk H. (Egypt), Elzoheiry E.	
17:57 – 18:04	TUSYAD National Award Winner -Central defect type partial ACL injury model on goat knees: The effect of infra patellar fat-pad excision	7'
FP29-6194	Karakilic B. (Turkey)	
18:04 – 18:11	SIA National Award Winner – All inside graft link technique: Biomechanical comparison with other four full tibial tunnel techniques	7'
FP29-6185	Fabbri M. (Italy)	




Room: 117			
07:30 – 08:55	ICL03: Recent advances in cartilage repair <i>Moderation: Madry H. (Germany), Peretti G. (Italy)</i>		Overview Timetables
07:30 – 07:39	Cell therapy for cartilage repair <i>ICL03-5064 Soler Romagosa F. (Spain)</i>	9'	Scientific Programme Wednesday
07:39 – 07:48	Lipoaspirate injections for the treatment of early osteoarthritis <i>ICL03-5065 Slynarski K. (Poland)</i>	9'	
07:48 – 07:57	The use of PRP for cartilage lesions <i>ICL03-5066 Filardo G. (Italy)</i>	9'	
07:57 – 08:06	Translational aspects of marrow stimulation for cartilage repair <i>ICL03-5067 Madry H. (Germany)</i>	9'	Scientific Programme Thursday
08:06 – 08:15	Surgical solutions for osteochondral defect <i>ICL03-5068 Kon Elizaveta (Italy)</i>	9'	Scientific Programme Friday
08:15 – 08:24	Bone block augmentation plus autologous chondrocyte transplantation for extensive osteochondral defects <i>ICL03-5069 Angele P. (Germany)</i>	9'	
08:24 – 08:33	The role of physiotherapy for conservative treatment <i>ICL03-5070 van Assche D. (Belgium)</i>	9'	
08:33 – 08:42	The potential of umbilical cord for cartilage repair <i>ICL03-5071 Marmotti A. (Italy)</i>	9'	Scientific Programme Saturday
08:42 – 08:55	Discussion	13'	
10:00 – 10:30	Coffee break, visit industrial & e-poster exhibition		Nurse-Course Pre-Courses



Room: 117			
10:30 – 11:15 Osteotomy around the knee (Part I)			
<i>Moderation: van Heerwaarden R. (Netherlands), Seil R. (Luxembourg)</i>			
10:30 – 10:38	Why do osteotomies work? The biomechanics behind it		
	SY40-6281 Amis A. (United Kingdom)		8'
10:38 – 10:46	Principals in osteotomy around the knee		
	SY40-6282 Stärke C. (Germany)		8'
10:46 – 10:54	New principles in joint preservation		
	SY40-6283 Salreta J. (Portugal), van Heerwaarden R. (Netherlands)		8'
10:54 – 11:02	Osteotomy registries: The scandinavian and british approaches		
	SY40-6284 Elson D. (United Kingdom), W-Dahl Annette (Sweden)		8'
11:02 – 11:15	Discussion		13'
11:15 – 12:00 Osteotomy around the knee (Part II)			
<i>Moderation: Denti M. (Italy), Lobenhoffer P. (Germany)</i>			
11:15 – 11:23	10 bullet points of high tibial osteotomy – Medial opening vs. lateral closing		
	SY41-6285 Wilson A. (United Kingdom), Neyret P. (France)		8'
11:23 – 11:31	10 bullet points of distal femoral osteotomy		
	SY41-6286 Dawson M. (United Kingdom), Imhoff A. (Germany)		8'
11:31 – 11:39	Double level osteotomies: An emerging concept		
	SY41-6287 Lobenhoffer P. (Germany), Saragaglia D. (France)		8'
11:39 – 11:47	Osteotomy for athletes and the unstable knee		
	SY41-6288 Benedetto K. (Austria), Denti M. (Italy)		8'
11:47 – 12:00	Discussion		13'
12:00 – 14:00	Lunch break & lunchtime workshops (details see p. 242-253)		
15:30 – 16:00	Coffee break, visit industrial & e-poster exhibition		



Room: 117		
16:00 – 16:30	Live surgical demonstration (EKA) <i>Moderation: Becker R. (Germany)</i>	
LD02-6257	Patient specific knee arthroplasty <i>Beckmann J. (Germany)</i>	30'
16:30 – 18:00	Patient specific technology in knee arthroplasty <i>Moderation: Verhaar J. (Netherlands), Hinarejos P. (Spain)</i>	
16:30 – 16:42	Standard instrumentation in TKA <i>SY42-6270 Adravanti P. (Italy)</i>	12'
16:42 – 16:54	Digital tools in TKA <i>SY42-6271 Verdonk P. (Belgium)</i>	12'
16:54 – 17:06	Computer assisted surgery in TKA <i>SY42-6272 Marcacci M. (Italy)</i>	12'
17:06 – 17:18	Patients matched guides <i>SY42-6273 Kort N. (Netherlands)</i>	12'
17:18 – 17:30	Patients matched implants <i>SY42-6274 Becker R. (Germany)</i>	12'
17:30 – 17:42	Robotics in TKA <i>SY42-6275 Pearle A. (United States of America)</i>	12'
17:42 – 18:00	Discussion	18'
18:45 – 19:30	Wine Tasting in the foyer	

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: Plenary			
07:30 – 08:55	ICL10: Posterolateral corner reconstruction. New algorithm of treatment and mini open techniques		
	<i>Moderation: Gelber P. (Spain), Fritsch B. (Australia)</i>		
07:30 – 07:42	Surgical anatomy		
ICL10-6229	Saenz I. (Spain)		12'
07:42 – 07:50	Biomechanics of the posterolateral corner. Clinical implications		
ICL10-6230	Pelfort López X. (Spain)		8'
07:50 – 08:05	Biomechanics of different PLC reconstruction techniques		
ICL10-6231	LaPrade R. (United States of America)		15'
08:05 – 08:17	Mini open techniques		
ICL10-6232	Fritsch B. (Australia)		12'
08:17 – 08:29	Surgical technique depending on the degree of injury. Indications and limits		
ICL10-6233	Gelber P. (Spain)		12'
08:29 – 08:40	Arthroscopic techniques		
ICL10-6234	Frosch K. (Germany)		11'
08:40 – 08:55	Discussion		15'



Room: Plenary		
09:00 – 09:30	Highlight Lecture by Vicente Sanchís Alfonso <i>Moderation: Dejour D. (France)</i>	
	How to deal with anterior knee pain? <i>IL07-5008 Sanchis-Alfonso V. (Spain)</i>	30'
09:30 – 10:00	Highlight Lecture by Richard Villar <i>Moderation: Dienst M. (Germany)</i>	
	Hip arthroscopy – What is proven, what is not <i>IL04-5007 Villar R. (United Kingdom)</i>	30'
10:00 – 10:30	Coffee break, visit industrial & e-poster exhibition	

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: Plenary			
10:30 – 12:00	ISAKOS-ESSKA: Traumatic shoulder instability – anterior and posterior glenoid defects and humeral side defects		
	<i>Moderation: Itoi E. (Japan), Di Giacomo G. (Italy), Imhoff A. (Germany)</i>		
10:30 – 10:38	First time dislocator: Early surgical vs. non-surgical treatment		
	SY45-5028 <i>Deranlot J. (France)</i>		8'
10:38 – 10:46	Overhead athletes and instability		
	SY45-5029 <i>Bak K. (Denmark)</i>		8'
10:46 – 10:54	Glenoid defect anterior		
	SY45-5030 <i>Itoi E. (Japan)</i>		8'
10:54 – 11:02	Glenoid defect anterior		
	SY45-5031 <i>Taverna E. (Italy)</i>		8'
11:02 – 11:10	Glenoid defect posterior		
	SY45-5032 <i>Guttmann D. (United States of America)</i>		8'
11:10 – 11:18	Humeral sided defects – biomechanical background of remplissage		
	SY45-5033 <i>Braun S. (Germany)</i>		8'
11:18 – 11:26	Humeral sided defects – McLaughlin procedure		
	SY45-5034 <i>Imhoff A. (Germany)</i>		8'
11:26 – 11:34	Arthroscopic Latarjet: Learning curve and results		
	SY45-5035 <i>Calvo Crespo E. (Spain)</i>		8'
11:34 – 11:42	Latarjet		
	SY45-5036 <i>Di Giacomo G. (Italy)</i>		8'
11:42 – 12:00	Discussion		18'
12:00 – 14:00	Lunch break & lunchtime workshops (details see p. 242-253)		



Room: Plenary		
14:00 – 14:30	ESSKA Awards <i>Moderation: Denti M. (Italy), Seil R. (Luxembourg), Randelli P. (Italy)</i>	Overview Timetables
14:00 – 14:04	Theo van Rens Best Paper Award	4'
14:04 – 14:09	5 Best Poster Awards (degenerative, ligaments, basic science, shoulder, sports medicine)	5'
14:09 – 14:12	Alwin Jäger Best Video Award	3'
14:12 – 14:15	Porto Award for Innovation in Arthroscopy	3'
14:15 – 14:18	Award for Best Paper in Ligament and Biomechanics	3'
14:18 – 14:21	The Nicola's Foundation Young Researcher Award	3'
14:21 – 14:24	KSSTA Best Paper Award	3'
14:24 – 14:29	Basic scientist travel grants	5'

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: Plenary		
14:30 – 15:30	Managing daunting cases of multiligament knee injuries	Voting
<i>Moderation: Denti M. (Italy), Espregueira-Mendes J. (Portugal), Gelber P. (Spain)</i>		
14:30 – 14:35	Introduction by the chairmen	
SY05-4041	<i>Denti M. (Italy), Espregueira-Mendes J. (Portugal), Gelber P. (Spain)</i>	5'
14:35 – 14:45	Chronic PCL+PLC in a previously performed HTO/peripheral reconstruction	
SY05-4042	<i>Margheritini F. (Italy)</i>	10'
14:45 – 14:55	Patellar tendon rupture and patella dislocation	
SY05-4043	<i>Engebretsen L. (Norway)</i>	10'
14:55 – 15:05	Multiligament injury and obesity	
SY05-4044	<i>Pujol N. (France)</i>	10'
15:05 – 15:15	Chronic PLC injury with acute ACL/avulsion fracture of the FCL	
SY05-4045	<i>Gelber P. (Spain)</i>	10'
15:15 – 15:25	Complex case in posterolateral corner injury	
SY05-4046	<i>LaPrade R. (United States of America)</i>	10'
15:25 – 15:30	Closing message	
SY05-4047		5'
15:30 – 16:00	Coffee break, visit industrial & e-poster exhibition	
16:00 – 16:15	Keynote lecture by Michael Hantes	
<i>Moderation: Verdonk R. (Belgium)</i>		
	Chondroprotective effect of meniscal repair. What is the evidence?	
KN03-6276	<i>Hantes M. (Greece)</i>	15'



Room: Plenary			
16:15 – 17:15	ESSKA meniscus consensus initiative: The degenerative meniscus lesion		
	<i>Moderation: Beaufils P. (France), Becker R. (Germany)</i>		
16:15 – 16:23	Introduction: Why there is need for a consensus about the treatment of degenerative meniscus lesions		
SY06-6346	<i>Beaufils P. (France), Becker R. (Germany)</i>	8'	Overview Timetables
16:23 – 16:31	Background for the consensus of the degenerative meniscus lesion		
SY06-6347	<i>Englund M. (Sweden)</i>	8'	Scientific Programme Wednesday
16:31 – 16:39	Diagnostic of the degenerative meniscus lesion – Part I – Imaging		
SY06-6348	<i>Ollivier M. (France)</i>	8'	Scientific Programme Thursday
16:39 – 16:47	Management of the degenerative meniscus lesion – Part II – Treatment		
SY06-6349	<i>Kopf S. (Germany)</i>	8'	Scientific Programme Friday
16:47 – 16:55	Treatment algorithm based on the consensus		
SY06-6350	<i>Verdonk R. (Belgium)</i>	8'	Scientific Programme Saturday
16:55 – 17:03	Strength and limitation		
SY06-6351	<i>Beaufils P. (France), Becker R. (Germany)</i>	8'	Nurse-Course Pre-Courses



Room: Plenary			
17:15 – 18:15	Perspectives on the meniscus		
	<i>Moderation:</i>	<i>Hulet C. (France), Monllau J. (Spain)</i>	
17:15 – 17:17	Introduction		
	<i>SY13-6197</i>	<i>Hulet C. (France)</i>	2'
17:17 – 17:24	Anatomy of the meniscus		
	<i>SY13-6198</i>	<i>Zdanowicz Urszula (Poland)</i>	7'
17:24 – 17:31	Ultra sound of the meniscus		
	<i>SY13-6199</i>	<i>Klos B. (Netherlands)</i>	7'
17:31 – 17:38	Meniscal lesions in the knee and hidden lesions		
	<i>SY13-6200</i>	<i>Seil R. (Luxembourg)</i>	7'
17:38 – 17:45	Meniscal repair news trends and how to optimize		
	<i>SY13-6201</i>	<i>Graveleau N. (France)</i>	7'
17:45 – 17:52	Comparison meniscal repair and meniscectomy results		
	<i>SY13-6202</i>	<i>Pujol N. (France)</i>	7'
17:52 – 17:59	Meniscus discoid in children		
	<i>SY13-6203</i>	<i>Ahn J. (South Korea (ROK))</i>	7'
17:59 – 18:14	Discussion		15'



Room: 111			
07:30 – 08:55	ICL12: Update in labral reconstruction <i>Moderation: Tey-Pons M. (Spain), Lampert C. (Switzerland)</i>		Overview Timetables
07:30 – 07:40	Introduction: Dealing with labral pathology, where are we? <i>ICL12-6001 Lampert C. (Switzerland)</i>	10'	Scientific Programme Wednesday
07:40 – 07:50	Evidence in labral repair techniques: From laboratory to the clinics <i>ICL12-6002 Tey-Pons M. (Spain)</i>	10'	
07:50 – 08:00	Labral debridement, is it still an option? <i>ICL12-6003 Said H. (Egypt)</i>	10'	
08:00 – 08:10	Labral repair; is the gold standard of treatment of labral tears? <i>ICL12-6004 Lund B. (Denmark)</i>	10'	Scientific Programme Thursday
08:10 – 08:20	Labral repair; trips and tricks <i>ICL12-6005 Dienst M. (Germany)</i>	10'	Scientific Programme Friday
08:20 – 08:30	Labral reconstruction. When we must abort repair and go to reconstruction? <i>ICL12-6006 Schilders E. (United Kingdom)</i>	10'	
08:30 – 08:55	Discussion	25'	
10:00 – 10:30	Coffee break, visit industrial & e-poster exhibition		Scientific Programme Saturday
			Nurse-Course Pre-Courses



Room: 111			
10:30 – 11:30 Pediatric ACL injuries: The ESSKA PAMI initiative			
<i>Moderation: Engebretsen L. (Norway), Seil R. (Luxembourg)</i>			
10:30 – 10:35	Introduction		
SY10-6303	Engebretsen L. (Norway), Seil R. (Luxembourg)		5'
10:35 – 10:45	Why do we need PAMI?		
SY10-6304	Engebretsen L. (Norway)		10'
10:45 – 10:55	Surgical techniques are abundant in pediatric ACL treatment – here is an overview		
SY10-6305	Siebold R. (Germany)		10'
10:55 – 11:05	Some can be treated without surgery-who?		
SY10-6306	Moksnes H. (Norway)		10'
11:05 – 11:20	Pediatric Anterior Cruciate Ligament Monitoring Initiative – PAMI		
SY10-6307	Moksnes H. (Norway), Seil R. (Luxembourg), Engebretsen L. (Norway)		15'
11:20 – 11:30	Discussion		
11:30 – 12:00 Free Papers: Hip			
<i>Moderation: Lampert C. (Switzerland), Haverkamp D. (Netherlands)</i>			
11:30 – 11:37	Outcome after arthroscopic labral surgery in patients treated with periacetabular osteotomy. A follow-up study of 45 patient		
FP33-1716	Hartig-Andreasen Charlotte (Denmark), Lund B., Nielsen T., Søballe K., Lind M.		7'
11:37 – 11:44	Early outcomes following hip capsular reconstruction for capsular deficiency		
FP33-1851	Soares E. (United States of America), Trindade C., Briggs Karen, Philippon M.		7'
11:44 – 11:51	Treatment of chondral defect associated with femoacetabular impingement		
FP33-2610	Ibañez M. (Spain), Pelfort López X. (Spain), Gelber P., Tey-Pons M., Monllau J., Erquicia J., Masferrer Pino A.		7'
11:51 – 11:58	SSASST National Award Winner – Gamma-probe assisted arthroscopic removal of osteoid osteoma from the hip joint		
FP33-6191	Meglic U. (Slovenia)		7'
12:00 – 14:00	Lunch break & lunchtime workshops (details see p. 242 -253)		



Room: 111		
14:30 – 15:30	Limits of hip arthroscopy <i>Moderation: Philippon M. (United States of America), Dienst M. (Germany)</i>	
14:30 – 14:45	Indications and limits of hip arthroscopy in residual dysplasia and sequelae of other developmental pathologies in adults SY24-4058 Tey-Pons M. (Spain)	15'
14:45 – 15:00	Synovial disease – Limits and technical pearls of hip arthroscopy in the treatment of PVNS and synovial chondromatosis SY24-4059 Bonin N. (France)	15'
15:00 – 15:15	Coxa profunda and global retroversion in FAI – Limits and technical pearls of arthroscopic treatment SY24-4060 Philippon M. (United States of America)	15'
15:15 – 15:30	Revision hip surgery – when arthroscopic when open? SY24-4061 Dienst M. (Germany)	15'
15:30 – 16:00	Coffee break, visit industrial & e-poster exhibition	
16:00 – 17:00	Extraarticular hip endoscopy – Technique and results <i>Moderation: Khanduja V. (United Kingdom), Ilizaliturri V. (Mexico)</i>	
16:00 – 16:08	Arthroscopic anatomy of the extra-articular / Peritrochanteric space SY25-6110 Ilizaliturri V. (Mexico)	8'
16:08 – 16:16	Access / Portals to the peritrochanteric space SY25-6111 Ilizaliturri V. (Mexico)	8'
16:16 – 16:24	The external snapping hip SY25-6112 Marín-Peña Ó. (Spain)	8'
16:24 – 16:32	The internal snapping hip SY25-6113 Bonin N. (France)	8'
16:32 – 16:40	Deep gluteal syndrome SY25-6114 Khanduja V. (United Kingdom)	8'
16:40 – 16:48	Outcomes following extra-articular hip endoscopy SY25-6115 Ayeni O. (Canada)	8'
16:48 – 17:00	Discussion	12'

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 111			
17:00 – 17:15	Keynote lecture by C. Cardenas		
	<i>Moderation: Ilizaliturri V. (Mexico)</i>		
	3D simulation to optimize femoro-acetabular impingement. Getting close to the real thing		
KN04-6168	Cardenas Nylander C. (Spain)		15'
17:15 – 18:15	Acute and longstanding groin injuries		
	<i>Moderation: Tol H. (Netherlands), Hölmich P. (Denmark)</i>		
17:15 – 17:25	Groin anatomy		
SY23-4062	Weir A. (Qatar)		10'
17:25 – 17:40	Lonstanding groin pain in athletes		
SY23-4063	Hölmich P. (Denmark)		15'
17:40 – 17:50	Diagnosis of acute groin injuries		
SY23-4064	Serner A. (Qatar)		10'
17:50 – 18:05	If the hip joint is the main problem – how do we diagnose?		
SY23-4065	Griffin D. (United Kingdom)		15'
18:05 – 18:15	Discussion		10'



Room: 112			
07:30 – 08:55	ICL09: New horizons in meniscus replacement <i>Moderation: Spalding T. (United Kingdom), Verdonk P. (Belgium)</i>		Overview Timetables
07:30 – 07:32	Outline: Advances on the established and what's on the horizon <i>ICL09-6221 Verdonk P. (Belgium)</i>	2'	
07:32 – 07:40	The importance of the meniscus <i>ICL09-6222 Pujol N. (France)</i>	8'	Scientific Programme Wednesday
07:40 – 07:49	Meniscal allograft transplantation in 2016 <i>ICL09-6226 Verdonk P. (Belgium)</i>	9'	
07:49 – 07:58	Is sport activity possible after arthroscopic meniscal allograft transplantation? Mid-term results of active patients <i>ICL09-6228 Zaffagnini S. (Italy)</i>	9'	Scientific Programme Thursday
07:58 – 08:07	Analysis of an interpositional meniscal spacer implant <i>ICL09-6227 Condello V. (Italy)</i>	9'	
08:07 – 08:16	Results of the polyurethane based and the collagen based meniscal implant procedures <i>ICL09-6223 Spalding T. (United Kingdom)</i>	9'	Scientific Programme Friday
08:16 – 08:25	Meniscal Reconstruction using a silk based biomaterial platform <i>ICL09-6224 Kessler O. (Switzerland)</i>	9'	
08:25 – 08:34	Early development of a meniscus prosthesis <i>ICL09-6225 Halewood Camilla (United Kingdom)</i>	9'	Scientific Programme Saturday
08:34 – 08:43	An anatomical shaped meniscus replacement <i>ICL09-6331 van Tienen T. (Netherlands)</i>	9'	
08:43 – 08:55	Discussion	12'	Nurse-Course Pre-Courses
10:00 – 10:30	Coffee break, visit industrial & e-poster exhibition		



Room: 112		
10:30 – 11:30	Medial instability of the knee <i>Moderation: Klos B. (Netherlands), Neyret P. (France)</i>	
10:30 – 10:38	Surgical anatomy and biomechanics SY04-4035 Robinson J. (United Kingdom)	8'
10:38 – 10:46	Indications for reconstruction, isolated / combined SY04-4036 Wascher D. (United States of America)	8'
10:46 – 10:54	Surgical reconstruction SY04-4037 Lind M. (Denmark)	8'
10:54 – 11:02	Minimal invasive MCL repair SY04-4038 Canata G. (Italy)	8'
11:02 – 11:10	Ultrasound Imaging SY04-4040 Klos B. (Netherlands)	8'
11:10 – 11:30	Discussion	20'
11:30 – 12:00 Free Papers: Knee – Collateral ligaments <i>Moderation: Ferrer G. (Chile), Harner C. (United States of America)</i>		
11:30 – 11:37	Reconstruction of the posterolateral corner after sequential sectioning restores knee kinematics FP14-2600 Plaweski S. (France), Belvisi B.	7'
11:37 – 11:44	Comparison of anatomic posterolateral knee reconstruction using two different technique of popliteofibular ligament FP14-1897 Yoon K. (South Korea (ROK)), Lee S., Lee S., Hur D., Kim J., Tak D.	7'
11:44 – 11:51	Biomechanics of two superficial medial collateral ligament reconstructions with single-bundle anterior cruciate ligament reconstruction FP14-2352 Smolinski P. (United States of America), Dong J., Zhu J., Marshall B., Linde Monica, Fu F.	7'
11:51 – 11:58	BASK National Award Winner – Posteromedial meniscocapsular 'ramp' lesions increase tibiofemoral joint laxity with ACL deficiency and their repair reduces laxity FP14-6195 Williams A. (United Kingdom)	7'
12:00 – 14:00	Lunch break & lunchtime workshops (details see p. 242-253)	



Room: 112			
12:15 – 13:45	KSSTA Journal and Reviewer Course <i>Karlsson J. (Sweden), Becker R. (Germany), Hirschmann M. (Switzerland), Musahl V. (United States of America)</i>		Overview Timetables
12:15 – 12:25	Introduction <i>Karlsson J. (Sweden)</i>	10'	Scientific Programme Wednesday
12:25 – 12:35	The Journal and a young researcher <i>Compagnoni R. (Italy)</i>	10'	
12:35 – 12:45	Clinical research – from an idea to practice <i>Becker R. (Germany)</i>	10'	
12:45 – 12:55	How to write a good paper <i>Hirschmann M. (Switzerland)</i>	10'	Scientific Programme Thursday
12:55 – 13:05	How to write a good review <i>Musahl V. (United States of America)</i>	10'	
13:05 – 13:15	Common errors and how to avoid them <i>Karlsson J. (Sweden)</i>	10'	Scientific Programme Friday
13:15 – 13:45	Discussion	30'	
14:30 – 15:30	SLARD-ESSKA: Dissecans osteochondritis of the knee. Treatment alternatives <i>Moderation: Radice F. (Chile), Costa-Paz M. (Argentina), Hantes M. (Greece)</i>		Scientific Programme Saturday
14:30 – 14:40	Introduction/ Microfractures with marrow stimulation SY27-4066 <i>Vargas L. (United States of America)</i>	10'	
14:40 – 14:50	Autologous Osteochondral Grafting SY27-4067 <i>Mosquera M. (Colombia)</i>	10'	Nurse-Course Pre-Courses
14:50 – 15:00	Fixation of OCD/ Osteochondral Lesion of the Tibial Plateau SY27-4068 <i>Costa-Paz M. (Argentina)</i>	10'	
15:00 – 15:10	Use of membrane seeded with Autologous Expanded and Pre-differentiated MSC SY27-4069 <i>Mardones R. (Chile)</i>	10'	
15:10 – 15:20	Osteochondral defect in young elite football player SY27-4070 <i>Radice F. (Chile)</i>	10'	
15:20 – 15:30	Discussion	10'	
15:30 – 16:00	Coffee break, visit industrial & e-poster exhibition		



Room: 112		
16:00 – 16:30 Free Papers: Cartilage – Young patients		
<i>Moderation: Cohen M. (Brazil), Filardo G. (Italy)</i>		
16:00 – 16:07	Matrix-assisted autologous chondrocytes transplantation associated with bone grafting for the treatment of knee osteochondritis dissecans: Clinical and radiological results at long term follow-up	
FP24-1660	Andriolo L. (Italy), Cavicchioli Alessia, Filardo G., De Caro Francesca, Di Martino A., Iacono F., Kon Elizaveta, Marcacci M.	7'
16:07 – 16:14	Biomimetic osteochondral scaffold for knee osteochondritis dissecans: Clinical and radiological evaluation at 5-year follow-up	
FP24-2183	Perdisa F. (Italy), Andriolo L., Filardo G., Di Martino A., De Caro Francesca, Neri Maria Pia, Kon Elizaveta, Marcacci M.	7'
16:14 – 16:21	Quantitative magnetic resonance imaging T2 mapping of cartilage after arthroscopic meniscal surgery for discoid lateral meniscus	
FP24-2233	Nishida Y. (Japan), Hashimoto Y., Terai S., Nakamura H.	7'
16:21 – 16:28	Effect of hyaluronic acid and platelet rich plasma in repair capacity of articular cartilage in an animal model of chondral lesions	
FP24-2559	Figueroa D. (Chile), Martinez R., Calvo R., Figueroa F., Vaisman A.	7'
16:30 – 17:00 Free Papers: Cartilage microfracture		
<i>Moderation: Slynarski K. (Poland), van Assche D. (Belgium)</i>		
16:30 – 16:37	Autologous cartilage chips transplantation for chondral defects: Improved repair tissue compared with microfracture	
FP28-2159	Christensen B. (Denmark), Olesen M., Lind M., Foldager C.	7'
16:37 – 16:44	Effect of index lesion size on clinical outcomes after microfracture: A 2 to 22-year follow-up study at average 10 years	
FP28-2210	Rodkey W. (United States of America), Briggs Karen, Steadman J.	7'
16:44 – 16:51	Small microfracture awls improve articular cartilage repair in a translational animal model	
FP28-1201	Orth P. (Germany), Duffner Julia, Zurakowski D., Kohn D., Cucchiariini Madry Magali, Madry H.	7'
16:51 – 16:58	Ten-year results from a randomized controlled study for mechanical versus RFknee-chondroplasty	
FP28-2021	Spahn G. (Germany), Hofmann G., von Engelhardt L.	7'



Room: 112		
17:00 – 17:15	Keynote lecture by Matthias Steinwachs <i>Moderation: Pereira H. (Portugal)</i>	
KN11-6311	Microfracture enhancement by biomaterials <i>Steinwachs M. (Switzerland)</i>	15'
17:15 – 17:45	Free Papers: AMIC <i>Moderation: Condello V. (Italy), Arbel R. (Israel)</i>	
FP47-1969	17:15 – 17:22 Cartilage behavior after nanostructures: 1-year follow-up of an in-vivo ovine study <i>Uboldi F. (Italy), Zedde P., Manunza M., Giachetti G., Manunta A.</i>	7'
FP47-2190	17:22 – 17:29 A randomized, controlled study comparing autologous matrix-induced chondrogenesis (AMIC) to microfracture in the knee. Single center analysis of 2- and 5-year follow-up results <i>Volz M. (Germany)</i>	7'
FP47-1894	17:29 – 17:36 Arthroscopic matrix-induced autologous chondrocyte implantation: 5 year clinical and radiological outcomes <i>Edwards P. (Australia), Ebert J., Bucher T., Fallon M., Janes G.</i>	7'
FP47-2736	17:36 – 17:43 A summary of the process of rehabilitation of patients after knee full arthroscopic AMIC (autologous matrix-induced chondrogenesis) based on biomechanical evaluation results in the respective steps 6, 12 and 24 months after surgery <i>Prusinska Agnieszka (Poland), Piontek T., Ciemniowska-Gorzela Kinga, Naczek J., Grygorowicz Monika</i>	7'

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses

**Room: 112****17:45 – 18:15 Free Papers: Cell cartilage**

Moderation: Peretti G. (Italy), Vaquero J. (Spain)

17:45 – 17:52 Lipoaspirate fluid (LAF)-derived stem cells for the treatment of cartilage defects in a rabbit model. A pilot study

FP08-2007 Benea H. (Romania), Quercia V., Berce C., Soritau Olga, Saccomanno Maristella Francesca, Milano G., Tomoaia G., Lattanzi Wanda 7'

17:52 – 17:59 A scaffold-free allogeneic construct from adipose-derived stem cells promote cartilage and osteochondral bone regeneration

FP08-1718 Oshima T. (Japan), Nakase J., Numata H., Takata Y., Tsuchiya H. 7'

17:59 – 18:06 Clinical outcome of 3 different product doses in autologous chondrocyte implantation (ACI): A prospective, randomised, multicentre Phase II dose clinical trial

FP08-2806 Fickert S. (Germany), Thier S., Zinser W., Niemeyer P., John T., Becher C., Diehl P., Laute V. 7'

18:06 – 18:13 Autologous chondrocyte implantation: Clinical results at a long term follow-up

FP08-2622 Berruto M. (Italy), Pasqualotto S., Ferrua P., Parente A., Uboldi F., Usellini Eva 7'



Room: 113			
07:30 – 08:55	ICL13: Elbow instability <i>Moderation: van den Bekerom M. (Netherlands), Safran M. (United States of America)</i>		Overview Timetables
07:30 – 07:42	Evaluation of and surgical decision making in elbow instability (medial and lateral) <i>ICL13-6143 Safran M. (United States of America)</i>	12'	Scientific Programme Wednesday
07:42 – 07:54	Different surgical techniques of UCL reconstruction – with & without augmentation <i>ICL13-6144 Pederzini L. (Italy)</i>	12'	Scientific Programme Wednesday
07:54 – 08:06	Posteromedial impingement (valgus extension overload) <i>ICL13-6145 van den Bekerom M. (Netherlands)</i>	12'	Scientific Programme Thursday
08:06 – 08:18	Arthroscopic evaluation and treatment of acute postero-lateral elbow instability <i>ICL13-6146 van Riet R. (Belgium)</i>	12'	Scientific Programme Thursday
08:18 – 08:30	Operative treatment of chronic postero-lateral elbow instability <i>ICL13-6147 Oh L. (United States of America)</i>	12'	Scientific Programme Friday
08:30 – 08:42	Operative treatment of varus instability of the elbow <i>ICL13-6148 Demirtas M. (Turkey)</i>	12'	Scientific Programme Friday
10:00 – 10:30	Coffee break, visit industrial & e-poster exhibition		Scientific Programme Saturday
			Nurse-Course Pre-Courses



Room: 113		
10:30 – 11:30	Elbow instability: Basic principles <i>Moderation: Pederzini L. (Italy), van den Bekerom M. (Netherlands)</i>	
10:30 – 10:40	How to classify elbow instability SY19-5010 <i>Eyghendaal Denise (Netherlands)</i>	10'
10:40 – 10:50	Biomechanics of UCL and possible reconstruction SY19-5011 <i>Pederzini L. (Italy)</i>	10'
10:50 – 11:00	Minor lateral instability: Fact or fiction SY19-5012 <i>Arrigoni P. (Italy)</i>	10'
11:00 – 11:10	Biomechanics of LCL and possible reconstruction SY19-5013 <i>van Riet R. (Belgium)</i>	10'
11:10 – 11:20	How to treat complex instability SY19-5014 <i>Sevivas N. (Portugal)</i>	10'
11:20 – 11:30	Discussion	10'
11:30 – 12:00	Free Papers: Elbow <i>Moderation: Adamczyk G. (Poland), Van Tongel A. (Belgium)</i>	
11:30 – 11:37	Missing influence of bone morphogenetic proteins in operative treatment of aseptic forearm nonunions FP25-1149 <i>von Rüden C. (Germany), Hierholzer C., Morgenstern M., Woltmann A., Gradinger F., Bühren V., Friederichs J.</i>	7'
11:37 – 11:44	Double plate osteosynthesis of proximal ulna fractures – biomechanical and clinical results FP25-1472 <i>Hackl M. (Germany), Wegmann K., Staat M., Mayer Katharina, Müller L.</i>	7'
11:44 – 11:51	Comparative study of arthroscopic treatment of radial head fracture with elbow fracture-dislocation: Radial head partial excision vs. without excision FP25-1110 <i>Lee J. (South Korea (ROK)), Kim J., Kim T., Kweon S., Kim J., Bae K., Baik J., Im J.</i>	7'
11:51 – 11:58	Long-term results of elbow arthroscopy in stiff elbow FP25-2294 <i>Kentel M. (Poland), Reichert P., Czamara A., Krolkowska Aleksandra</i>	7'
12:00 – 14:00	Lunch break & lunchtime workshops (details see p. 242-253)	



Room: 113		
14:30 – 15:30	ISAKOS-ESSKA: Elbow injuries in sports <i>Moderation: Safran M. (United States of America), van Riet R. (Belgium)</i>	
14:30 – 14:45	Thrower's Injuries – UCL Injury, Valgus extension overload SY20-6252 Safran M. (United States of America)	15'
14:45 – 15:00	Tennis & Golf – Lateral Epicondylitis, Medial Epicondylitis SY20-6253 Watts A. (United Kingdom)	15'
15:00 – 15:15	Contact Sports – Elbow dislocation, Posterolateral rotatory instability SY20-6254 Eygendaal Denise (Netherlands)	15'
15:15 – 15:30	Discussion	15'
15:30 – 16:00	Coffee break, visit industrial & e-poster exhibition	

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 113

16:00 – 17:00 Free Papers: Elbow / wrist

Moderation: *Demirtas M. (Turkey), Trigueiros M. (Portugal)*

16:00 – 16:07 Arthroscopic denervation of the wrist : A feasibility study and preliminary results of a prospective series

FP34-2834 *Croutzet P. (France)*

7'

16:07 – 16:14 Endoscopic carpal tunnel release: Four years' experience with the one-portal technique

FP34-2696 *Papadopoulos D. (Greece), Plakoutsis S., Gkiatas G., Mpellos K., Tsantes A., Papageorgiou C.*

7'

16:14 – 16:21 Arthroscopic radial head resection

FP34-1853 *Stevanovic V. (Serbia)*

7'

16:21 – 16:28 Distal biceps tendon repair: Comparison of clinical and radiological outcome between bio-absorbable and non-absorbable screws

FP34-1985 *Caekebeke P. (Belgium), Van Riet R., Duerinckx J.*

7'

16:28 – 16:35 Cortical fixation button-assisted repair of distal biceps tendon ruptures in high-performance athletes

FP34-1336 *Panagopoulos A. (Greece), Ntourantonis D., Tatani Irini, Pantazis K., Iliopoulos I.*

7'

16:35 – 16:42 Novel Office-based option for recalcitrant elbow tendinopathy – technique and clinical evidence

FP34-1139 *Lim Y. (Singapore), Seng C., Mohan P., Koh Joyce Suang Bee, Howe T., Lee P., Morrey B.*

7'

16:42 – 16:49 Evaluation of elbow proprioception after arthroscopic extensor carpi radialis brevis release for treatment of chronic lateral epicondylitis

FP34-1746 *Unal M. (Turkey), Serbest O., Dogan O., Budeyri A., Ercan Sabriye, Cetin C.*

7'



Room: 113				
17:00 – 18:00 Registries in orthopaedic sports medicine <i>Moderation: Forssblad M. (Sweden), Niemeyer P. (Germany)</i>				Overview Timetables
17:00 – 17:05	Introduction			
SY36-4087	Forssblad M. (Sweden)		5'	
17:05 – 17:14	The importance of ACL registries			Scientific Programme Wednesday
SY36-4088	Engebretsen L. (Norway)		9'	
17:14 – 17:23	Results from the US Kaiser Permanente ACL registry compared to European Registries			Scientific Programme Thursday
SY36-4089	Maletis G. (United States of America)		9'	
17:23 – 17:32	PCL injuries in the Scandinavian registries			Scientific Programme Friday
SY36-4090	Owesen C. (Norway)		9'	
17:32 – 17:41	Experiences from the UEFA injury Registry			Scientific Programme Saturday
SY36-4091	Walden M. (Sweden)		9'	
17:41 – 17:50	The German Cartilage Registry (Knorpel Register DGOU) – Structure, experiences and first results			Nurse-Course Pre-Courses
SY36-4092	Niemeyer P. (Germany)		9'	
17:50 – 18:00	Discussion		10'	



Room: 114			
07:30 – 08:55	ICL14: Peroneal tendon pathology – update from anatomy to surgery		
	<i>Moderation: Kerkhoffs G. (Netherlands), Kennedy J. (United States of America)</i>		
07:30 – 07:32	Introduction		
ICL14-6154	<i>Kerkhoffs G. (Netherlands), Kennedy J. (United States of America)</i>		2'
07:32 – 07:37	Peroneal tendon anatomy		
ICL14-6155	<i>Madirolas Alonso X. (Spain)</i>		5'
07:37 – 07:42	Peroneal tendon disorders in the athlete		
ICL14-6156	<i>d'Hooghe P. (Qatar)</i>		5'
07:42 – 07:47	My peroneal tendon repair failed in an athlete – Now what?		
ICL14-6157	<i>O'Malley M. (United States of America)</i>		5'
07:47 – 07:52	Discussion		5'
07:52 – 07:57	A systematic review about peroneal tendon dislocation		
ICL14-6158	<i>van Dijk P. (Netherlands)</i>		5'
07:57 – 08:04	When in doubt, scope it! – Peroneal tendoscopy		
ICL14-6159	<i>Yasui Y. (United States of America)</i>		7'
08:04 – 08:06	Discussion		2'
08:06 – 08:11	Pro – Allografts work for peroneal tendon reconstruction		
ICL14-6160	<i>DiGiovanni C. (United States of America)</i>		5'
08:11 – 08:16	Con – I never use allograft – Here is my argument for autograft		
ICL14-6161	<i>Drakos M. (United States of America)</i>		5'
08:16 – 08:55	Discussion and cases		
ICL14-6162	<i>Kerkhoffs G. (Netherlands)</i>		39'
10:00 – 10:30	Coffee break, visit industrial & e-poster exhibition		



Room: 114			
10:30 – 11:30	What training is required prior to start arthroscopy? Do we need a training programme?		Overview Timetables
	<i>Moderation: Karahan M. (Turkey)</i>		
10:30 – 10:45	SFA – French Arthroscopy Society <i>RT06-6358 Courage O. (France), Thomazeau H. (France)</i>	15'	Scientific Programme Wednesday
10:45 – 11:00	BOTA – Bulgarian Orthopaedic and Trauma Association <i>RT06-6355 Halvadjian R. (Bulgaria), Stefanov V. (Bulgaria)</i>	15'	
11:00 – 11:15	SIA – Italian Arthroscopy Society <i>RT06-6365 Franceschi F. (Italy), Gervasi E. (Italy)</i>	15'	
11:15 – 11:30	AOTBIH – Association of Orthopedic Surgeons and Traumatologist of Bosnia and Herzegovina <i>RT06-6383 Kacar H., Grle M. (Bosnia and Herzegovina)</i>	15'	Scientific Programme Thursday
11:30 – 12:00	FORTE Resident programme: Ankle Voting		Scientific Programme Friday
	<i>Moderation: Reilingh M. (Netherlands), Vide J. (Portugal)</i>		
11:30 – 11:40	Presentation of the FORTE resident programme <i>FO03-6033 Vide J. (Portugal)</i>	10'	
11:40 – 11:50	Open vs. arthroscopic treatment of ankle instability: Older vs. younger surgeons? <i>FO03-6031 Gamba C. (Spain), Vega J. (Spain)</i>	10'	
11:50 – 12:00	Arthroscopic assistance in ankle procedures: Why don't you start doing this? <i>FO03-6032 Baalbaki R. (Switzerland), van Dijk N. (Netherlands)</i>	10'	
12:00 – 14:00	Lunch break & lunchtime workshops (details see p. 242 -253)		Scientific Programme Saturday
			Nurse-Course Pre-Courses



Room: 114

14:30 – 15:30 **FORTE Resident Programm: Knee**

Voting

Moderation: Kopf S. (Germany), Paschos N. (United States of America)

14:30 – 14:40 Physical exam of the knee:
when a resident needs help from the radiologist

FO01-6023 *Watson J. (United States of America), Hirschmann Anna (Switzerland)* 10'

14:40 – 14:50 Resident battle: ALL reconstruction in ACL repair; YES!

FO01-6024 *Roberti Di Sarsina T. (Italy), Lord B. (United Kingdom)* 10'

14:50 – 15:00 Resident battle: ALL reconstruction in ACL repair; NO!

FO01-6025 *Soni A. (United States of America), Günther D. (Germany)* 10'

15:00 – 15:15 Knee instability. Expert lecture: Ten errors I made when I was young

FO01-6026 *Fu F. (United States of America)* 15'

15:15 – 15:30 Discussion 15'

15:30 – 16:00 Coffee break, visit industrial & e-poster exhibition

16:00 – 17:00 **FORTE Resident programme: Shoulder**

Voting

Moderation: van der Meijden O. (Netherlands), Perez Prieto D. (Spain)

16:00 – 16:10 Physical exam of the shoulder:
when a resident needs help from the physical therapist

FO02-6027 *Villodre J. (Spain), Cools Ann M. (Belgium)* 10'

16:10 – 16:20 Resident battle: SLAP lesion in young athletes – tenodesis

FO02-6028 *Ruiz Virginia (Spain), Campi F. (Italy)* 10'

16:20 – 16:30 Resident battle: SLAP lesion in young athletes – repair

FO02-6029 *Sänger Rebecca (Germany), Schroder Cecilie P. (Norway)* 10'

16:30 – 16:45 Shoulder instability. Expert lecture – Surgical pearls in treating
shoulder instability: reasons to fail

FO02-6030 *Lafosse L. (France)* 15'

16:45 – 17:00 Discussion 15'



Room: 114			
17:00 – 18:00	What to teach and how to teach arthroscopic skills <i>Moderation: Karahan M. (Turkey), Tuijthof Gabrielle (Netherlands)</i>		
17:00 – 17:10	Video analysis of basic tasks SY37-6121 Özbaydar M. (Turkey)	10'	
17:10 – 17:20	Online teaching – ESSKA Academy SY37-6124 Compagnoni R. (Italy)	10'	
17:20 – 17:30	Online skills teaching – ESSKA Academy SY37-6125 Tuijthof Gabrielle (Netherlands)	10'	
17:30 – 17:40	Non-European update on training programs for arthroscopy SY37-6122 Pedowitz R. (United States of America)	10'	
17:40 – 17:50	European update on training programs for arthroscopy – EBAC SY37-6123 Kort N. (Netherlands)	10'	
17:50 – 18:00	Discussion	10'	

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 115			
07:30 – 08:55 ICL15: Posterior shoulder dislocation			
<i>Moderation: Milano G. (Italy), Brzoska R. (Poland)</i>			
07:30 – 07:40	Defining the problem: Epidemiology, etiology, and pathomechanics of posterior shoulder instability		
ICL15-5085	Milano G. (Italy)		10'
07:40 – 07:50	How to get a correct diagnosis: The role of clinical exam and imaging studies		
ICL15-5086	Deranlot J. (France)		10'
07:50 – 08:05	Management of acute traumatic posterior shoulder dislocation		
ICL15-5087	Moroder P. (Austria)		15'
08:05 – 08:20	Recurrent posterior instability: The role of arthroscopy		
ICL15-5088	Brzoska R. (Poland)		15'
08:20 – 08:35	Recurrent posterior instability: Open surgical options		
ICL15-5089	Martetschläger F. (Germany)		15'
08:35 – 08:55	Discussion		20'
10:00 – 10:30	Coffee break, visit industrial & e-poster exhibition		



Room: 115			
10:30 – 10:50	PT: Keynote lecture <i>Moderation: Werner Suzanne (Sweden)</i>		Overview Timetables
10:30 – 10:50	Back injuries in sports <i>PT06-4018 Haringe Marita (Sweden)</i>	20'	
10:50 – 11:30	PT: Soft tissue injuries <i>Moderation: Romero D. (Spain), Willberg Lotta (Sweden)</i>		Scientific Programme Wednesday
10:50 – 11:00	Rehabilitation focusing on eccentric training of athletes with patellar tendinopathy <i>PT07-4019 Gual G. (Spain)</i>	10'	
11:00 – 11:10	Accelerometry load analysis and risk factors for hamstring injuries – the approach of the Football Medicine Group <i>PT07-4057 Barreira P. (United Kingdom)</i>	10'	Scientific Programme Thursday
11:10 – 11:20	A novel treatment for the management of patients with superolateral fat pad impingement and ITBS <i>PT07-4021 Stephen Joanna (United Kingdom)</i>	10'	Scientific Programme Friday
11:20 – 11:30	Discussion	10'	
11:30 – 12:00	PT: Mini-battle – Rehabilitation after hamstring injuries <i>Moderation: Ekstrand J. (Sweden)</i>		Scientific Programme Saturday
11:30 – 11:40	Mini-battle: Rehabilitation after hamstring injuries <i>PT08-4022 Reurink G. (Netherlands)</i>	10'	
11:40 – 11:50	Mini-battle: Rehabilitation after hamstring injuries <i>PT08-4023 Askling C. (Sweden)</i>	10'	
11:50 – 12:00	Discussion	15'	Nurse-Course Pre-Courses
12:00 – 14:00	Lunch break & lunchtime workshops (details see p. 242 -253)		



Room: 115

14:00 – 15:30 PT: Shoulder injuries

Moderation: Gard Suzanne (Switzerland), Cools Ann M. (Belgium)

14:00 – 14:15 The overhead athlete's shoulder: Why won't it get better?

PT09-4024 Gibson Jo (United Kingdom)

15'

14:15 – 14:30 Role of specific muscle training in shoulder rehabilitation

PT09-4025 Cools Ann M. (Belgium)

15'

14:30 – 14:45 Dynamic control ratio in elite female handball players

PT09-4026 van Cingel R. (Netherlands)

15'

14:45 – 15:00 Consensus on return to sport after shoulder injury

PT09-4027 Horsley I. (United Kingdom)

15'

15:00 – 15:15 Discussion

15'

15:30 – 16:00 Coffee break, visit industrial & e-poster exhibition

16:00 – 16:20 PT: Keynote lecture

Moderation: Werner Suzanne (Sweden)

16:00 – 16:20 Prevention of football injuries

PT10-4028 Ekstrand J. (Sweden)

20'



Room: 115			
16:20 – 18:00	PT: Injury prevention		
<i>Moderation: Werner Suzanne (Sweden), Pereira R. (Portugal)</i>			
16:20 – 16:35	Prevention of ACL injuries in elite alpine skiers		
<i>PT11-4029</i>	<i>Westin Maria (Sweden)</i>		15'
16:35 – 16:50	Derivation of valgus-related ACL rupture thresholds on skis		
<i>PT11-4030</i>	<i>Howell R. (United States of America)</i>		15'
16:50 – 17:05	Preventing shoulder problems in elite handball players		
<i>PT11-4031</i>	<i>Andersson S. (Norway)</i>		15'
17:05 – 17:20	Hamstring injury prevention in a professional football club		
<i>PT11-4032</i>	<i>Mendigutxia J. (Spain)</i>		15'
17:20 – 17:35	Social and economic impact of policies in prevention		
<i>PT11-4033</i>	<i>Pereira R. (Portugal)</i>		15'
17:35 – 18:00	Interactive round table discussion		
<i>PT11-6263</i>			25'
18:00 – 18:30	Happy Hour for Physiotherapists (in front of Room 115)		

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 116		
08:00 – 10:00 Review Course: Upper limb and head injury		
<i>Moderation: Denti M. (Italy), Donell S. (United Kingdom)</i>		
08:00 – 08:20	Shoulder OS01-6034 Randelli P. (Italy)	20'
08:20 – 08:40	Elbow OS01-6035 Havlas V. (Czech Republic)	20'
08:40 – 09:00	Forearm, Wrist & Hand OS01-6036 Arrigoni P. (Italy)	20'
09:00 – 09:20	C-Spine, including on field assessment OS01-6037 Anand B. (United Kingdom)	20'
09:20 – 09:40	Head Injury, including on field assessment OS01-6038 Carmont M. (United Kingdom)	20'
09:40 – 10:00	Discussion	15'
10:00 – 12:00 Review Course: Lower limb and spine		
<i>Moderation: Randelli P. (Italy), Musahl V. (United States of America)</i>		
10:00 – 10:20	Hip and Groin Pain OS02-6039 Margalet E. (Spain)	20'
10:20 – 10:40	Knee OS02-6040 Donell S. (United Kingdom)	20'
10:40 – 11:00	Ankle and Foot OS02-6041 Carmont M. (United Kingdom)	20'
11:00 – 11:20	L-Spine and Sacro-Iliac joint OS02-6042 Russo A. (Italy)	20'
11:20 – 11:40	Muscle Injuries-Tendinopathies OS02-6043 Pereira H. (Portugal)	20'
11:40 – 12:00	Discussion	15'
12:00 – 14:00 Lunch break & lunchtime workshops (details see p. 242-253)		



Room: 116			
14:00 – 15:00 Review Course: Best practice in sports medicine – Upper limb			Overview Timetables
<i>Moderation: Karahan M. (Turkey), Kort N. (Netherlands)</i>			
14:00 – 14:10	Athlete's shoulder (internal impingement, subtle posterior instability etc.) OS03-6044 Kovacic L. (Slovenia)	10'	Scientific Programme Wednesday
14:10 – 14:20	Non-arthroplasty options for shoulder OA OS03-6045 Korolev A. (Russian Federation)	10'	
14:20 – 14:30	Biceps tendon issues (proximal and distal) OS03-6046 Kocaoglu B. (Turkey)	10'	
14:30 – 14:40	Management of initial shoulder dislocation in varying ages OS03-6047 Brzoska R. (Poland)	10'	Scientific Programme Thursday
14:40 – 14:50	Primary rotator cuff issues in the athlete OS03-6048 Charousset C. (France)	10'	
14:50 – 15:00	Discussion	15'	
15:00 – 16:00 Review Course: Best practice in sports medicine – Lower limb			Scientific Programme Friday
<i>Moderation: Karahan M. (Turkey), Kort N. (Netherlands)</i>			
15:00 – 15:10	Anterior cruciate ligament treatment – emphasis on the role of rotatory control OS04-6049 Zaffagnini S. (Italy)	10'	Scientific Programme Saturday
15:10 – 15:20	Meniscal preservation in difficult cases (radial, complex and root tears) OS04-6050 Musahl V. (United States of America)	10'	
15:20 – 15:30	Surgical management of the middle aged arthritic knee OS04-6051 Servien Elvire (France)	10'	
15:30 – 15:40	On-lay or in-lay reconstruction in PCL rupture OS04-6052 Sillanpää P. (Finland)	10'	Nurse-Course Pre-Courses
15:40 – 15:50	Patellofemoral instability: Role of MPFL OS04-6053 Dejour D. (France)	10'	
15:50 – 16:00	Discussion	15'	



Room: 116			
16:00 – 17:00 Review Course: Best practice in sports medicine – Sports traumatology <i>Moderation: Karahan M. (Turkey), Kort N. (Netherlands)</i>			
16:00 – 16:10	FAI: When arthroscopy is not indicated?	OS05-6054 Karahan M. (Turkey)	10'
16:10 – 16:20	Critical decisions on the field	OS05-6055 Della Villa S. (Italy)	10'
16:20 – 16:30	Ankle distorsion – Syndesmotic injuries – When to operate	OS05-6056 Spennacchio P. (Italy)	10'
16:30 – 16:40	Conservative therapies for Achilles tendinopathy: what is the evidence?	OS05-6057 Tol H. (Netherlands)	10'
16:40 – 16:50	Evidence based approach to return to sports (special reference to ACL reconstruction)	OS05-6058 Compagnoni R. (Italy)	10'
16:50 – 17:00	Discussion		10'
17:00 – 18:00 Review Course: Best practice in sports medicine – Miscellaneous <i>Moderation: Akgun U. (Turkey)</i>			
17:00 – 17:10	Management of OCD of the elbow	OS06-6059 Hantes M. (Greece)	10'
17:10 – 17:20	Articular cartilage pathology requiring osteochondral grafts (allo or auto)	OS06-6060 Espregueira-Mendes J. (Portugal)	10'
17:20 – 17:30	Does microfracture work?	OS06-6061 Prejbeanu R. (Romania)	10'
17:30 – 17:40	Prophylaxis of thromboembolism in orthopedic sports medicine	OS06-6062 Unal Vuslat Sema (Turkey)	10'
17:40 – 17:50	Is there evidence behind injections?	OS06-6063 Jain N. (United Kingdom)	10'
17:50 – 18:00	Discussion		10'



Room: 116					
07:30 – 08:55	ICL11: How to identify the optimal surgical intervention for your osteoarthritic patient			Overview Timetables	
	<i>Moderation: Hirschmann M. (Switzerland), Kort N. (Netherlands)</i>				
07:30 – 07:35	Introduction			Scientific Programme Wednesday	
	<i>ICL11-6207 Hirschmann M. (Switzerland), Kort N. (Netherlands)</i>		5'		
07:35 – 07:45	What does the patient's history tell us?				
	<i>ICL11-6208 Bait C. (Italy)</i>		10'		
07:45 – 07:55	Clinical examination the key for decision making?				
	<i>ICL11-6209 Bicanic G. (Croatia)</i>		10'		
07:55 – 08:05	What is the role of radiographs?				Scientific Programme Thursday
	<i>ICL11-6210 Kohl S. (Switzerland)</i>		10'		
08:05 – 08:15	What is the role of MRI?			Scientific Programme Friday	
	<i>ICL11-6211 Strachan R. (United Kingdom)</i>		10'		
08:15 – 08:25	Role of the physical therapist				
	<i>ICL11-6212 Henle P. (Switzerland)</i>		10'		
08:25 – 08:35	Role of the patient			Scientific Programme Saturday	
	<i>ICL11-6213 Tandogan R. (Turkey)</i>		10'		
08:35 – 08:55	Discussion		20'		
10:00 – 10:30	Coffee break, visit industrial & e-poster exhibition				



Room: 116

10:30 – 11:00 **Debate EKA: Uni versus HTO** Voting

Moderation: Becker R. (Germany), Kort N. (Netherlands)

10:30 – 10:40 UNI

DE07-6289 *Bonnin M. (France)*

10'

10:40 – 10:50 HTO

DE07-6290 *Brouwer R. (Netherlands)*

10'

10:50 – 11:00 Discussion

10'

11:00 – 11:30 **Debate EKA: Fixed versus mobile bearing** Voting

Moderation: Becker R. (Germany), Kort N. (Netherlands)

11:00 – 11:10 Fixed

DE08-6291 *Bicanic G. (Croatia)*

10'

11:10 – 11:20 Mobile

DE08-6292 *Jackson W. (United Kingdom)*

10'

11:20 – 11:30 Discussion

10'

11:30 – 12:00 **Debate EKA: UKA or TKA in unicompartmental osteoarthritis** Voting

Moderation: Becker R. (Germany), Kort N. (Netherlands)

11:30 – 11:40 TKA

DE09-6293 *Hinarejos P. (Spain)*

10'

11:40 – 11:50 UKA

DE09-6294 *Beckmann J. (Germany)*

10'

11:50 – 12:00 Discussion

10'

12:00 – 14:00 Lunch break & lunchtime workshops (details see p. 242-253)



Room: 117			
14:30 – 14:45	Keynote lecture by Michael Hirschmann		
	<i>Moderation: Donell S. (United Kingdom)</i>		
		Management of periprosthetic knee-joint infection	
KN13-6320	Hirschmann M. (Switzerland)		15'
14:45 – 15:30	Infection in TKA		
	<i>Moderation: Haddad F. (United Kingdom), Violante B. (Italy)</i>		
14:45 – 14:53	Antibiotic management in infected knee arthroplasty		
SY43-6277	Chen Antonia (United States of America)		8'
14:53 – 15:01	Early and later infection – is there any difference		
SY43-6278	Deiary K. (United Kingdom)		8'
15:01 – 15:09	Infection survey EKA /ESSKA		
SY43-6279	Kohl S. (Switzerland)		8'
15:09 – 15:17	Second failure in infected revision knee arthroplasty		
SY43-6280	Haasper C. (Germany)		8'
15:17 – 15:30	Discussion		15'
15:30 – 16:00	Coffee break, visit industrial & e-poster exhibition		

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 117

16:00 – 16:45 **Philosophies in TKA surgery**

Moderation: *Conteduca F. (Italy), Kornilov N. (Russian Federation)*

16:00 – 16:15 Measured resection technique

SY48-6402 *Marcacci M. (Italy)*

15'

16:15 – 16:30 Ligament balancing technique

SY48-6401 *Briard J. (France)*

15'

16:30 – 16:45 Kinematical alignment

SY48-6403 *Windhagen H. (Germany)*

15'

16:45 – 18:00 **Instability after total knee arthroplasty: based approach**

Voting

Moderation: *Tandogan R. (Turkey), Caceres E. (Spain)*

16:45 – 16:57 Tibio-femoral instability: Etiology, diagnosis and prevention

SY44-4048 *Tandogan R. (Turkey)*

12'

16:57 – 17:09 Ligament reconstructions & liner exchange: When does it work?

SY44-4049 *Demey G. (France)*

12'

17:09 – 17:21 Patella instability after TKA

SY44-6400 *Kornilov N. (Russian Federation)*

12'

17:21 – 17:33 Pearls in the revision of unstable TKA

SY44-4050 *Hirschmann M. (Switzerland)*

12'

17:33 – 17:45 Rotating hinges for revision of instability: Where are we in 2016?

SY44-4051 *Vasso M. (Italy)*

12'

17:45 – 18:00 Discussion

15'

18:00 – 19:00 **EKA Member's business meeting (including EKA travelling fellowship presentation)**

Moderation: *Becker R. (Germany), Kort N. (Netherlands)*





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The ESSKA Foundation was established in 2013 under the aegis of the Fondation de Luxembourg with the aim to raise the level of care and achieving excellence in the field of orthopaedics, especially in sports medicine and degenerative joint disease in Europe, to improve musculoskeletal function and quality of life of patients

To achieve its mission, the ESSKA Foundation supports ESSKA education and both national and international research projects in the field of orthopaedic and sports medicine and surgery with special emphasis on arthroscopy.

The Board of ESSKA is most appreciative of the support it has received from the Fondation de Luxembourg's team and look forward to further cooperation in the future.



Room: Plenary			
09:00 – 10:25 ICL16: Basic science in osteoarthritis			
<i>Moderation: Pape D. (Luxembourg), Cucchiari Madry Magali (Germany)</i>			
09:00 – 09:10	OA pathomechanisms		
ICL16-6214	Reboul P. (France)		10'
09:10 – 09:20	Cell-matrix interface in OA		
ICL16-6215	Cucchiari Madry Magali (Germany)		10'
09:20 – 09:30	The bone in OA		
ICL16-6216	Orth P. (Germany)		10'
09:30 – 09:40	HTO models		
ICL16-6217	Pape D. (Luxembourg)		10'
09:40 – 09:50	Animal models of OA		
ICL16-6218	de Girolamo Laura (Italy)		10'
09:50 – 10:00	Stem cells in OA		
ICL16-6219	Filardo G. (Italy)		10'
10:00 – 10:10	Tissue engineering in OA		
ICL16-6220	Oliveira M. (Portugal)		10'
10:10 – 10:25	Discussion		15'
10:30 – 11:00 Highlight Lecture by Peter Angele			
<i>Moderation: Menetrey J. (Switzerland)</i>			
	Cartilage repair – Where are we?		
IL02-5005	Angele P. (Germany)		30'
11:00 – 11:30	Ham break in the foyer of level P1		



Room: Plenary				
11:30 – 12:30	ICRS-ESSKA: Regenerative cartilage treatment in early OA – consensus statement			Overview Timetables
	<i>Moderation: Angele P. (Germany), Kon Elizaveta (Italy)</i>			
11:30 – 11:35	Consensus meeting early OA in Verona			Scientific Programme Wednesday
	<i>SY34-5054 Kon Elizaveta (Italy)</i>		5'	
11:35 – 11:45	Classification of Early Osteoarthritis of the Knee			
	<i>SY34-5055 Madry H. (Germany)</i>		10'	
11:45 – 11:55	Importance of meniscus in early OA			Scientific Programme Thursday
	<i>SY34-5056 Verdonk R. (Belgium)</i>		10'	
11:55 – 12:05	Chondral and osteochondral reconstruction in early OA			
	<i>SY34-5057 Angele P. (Germany)</i>		10'	
12:05 – 12:15	Conservative and regenerative treatment in early OA			Scientific Programme Friday
	<i>SY34-5058 Filardo G. (Italy)</i>		10'	
12:15 – 12:30	Discussion		15'	Scientific Programme Saturday
12:30 – 13:30	Avascular necrosis / subchondral bone edema			
	<i>Moderation: Kon Elizaveta (Italy), Shabshin Nogah (Israel)</i>			
12:30 – 12:42	Classification and pathology			
	<i>SY26-6295 Ronga M. (Italy)</i>		12'	
12:42 – 12:54	Radiological aspects			
	<i>SY26-6296 Shabshin Nogah (Israel)</i>		12'	
12:54 – 13:06	Possibilities of treatment in the knee			Nurse-Course Pre-Courses
	<i>SY26-6297 Kon Elizaveta (Italy)</i>		12'	
13:06 – 13:18	Possibilities of treatment in the hip			
	<i>SY26-6298 Seil R. (Luxembourg)</i>		12'	
13:18 – 13:30	Discussion		12'	



Room: 111		
09:00 – 10:25	ICL18: Anatomy of the shoulder: Anatomist and surgeon point of view <i>Moderation: Calvo Diaz A. (Spain), Randelli P. (Italy)</i>	
09:00 – 09:12	Normal glenohumeral anatomy IN/OUT <i>ICL18-6264 Randelli P. (Italy), Saenz I. (Spain)</i>	12'
09:12 – 09:24	Instability lesions IN/OUT <i>ICL18-6265 Sarasquete J. (Spain), Saenz I. (Spain)</i>	12'
09:24 – 09:36	Subacromial space anatomy and lesions IN/OUT <i>ICL18-6266 Kany J. (France), Saenz I. (Spain)</i>	12'
09:36 – 09:48	Biceps / AC Joint IN/OUT <i>ICL18-6267 Slullitel D. (Argentina), Saenz I. (Spain)</i>	12'
09:48 – 10:00	Nerves involved in shoulder pathology IN/OUT <i>ICL18-6268 Calvo Diaz A. (Spain), Saenz I. (Spain)</i>	12'
10:00 – 10:25	Discussion	25'
11:00 – 11:30 Ham break in the foyer of level P1		
11:30 – 12:00	Free Papers: ACL <i>Moderation: Kecojevic V. (Serbia), Felmet G. (Germany)</i>	
11:30 – 11:37	Sex-specific patient reported outcomes before and after ACL reconstruction <i>FP41-2677 Logerstedt D. (United States of America), Grindem Hege, Cummer Kathleen, Risberg May Arna, Snyder-Mackler Lynn</i>	7'
11:37 – 11:44	Anterior cruciate ligament and intercondylar notch growth plateaus prior to cessation of longitudinal growth: An observational MRI study <i>FP41-2258 Tuca Maria (United States of America), Hayter Catherine L, Berner Natalie B, Hammoud S., Marx R., Potter Hollis, Green D.</i>	7'
11:44 – 11:51	Anterior cruciate ligament reconstruction: Tourniquet pressures and post-operative pain, is there a relation? <i>FP41-1403 Azab M. (Canada), Elrakaybi M., Ali Enjie</i>	7'
11:51 – 11:58	ASTAOR National Award Winner – Tunnel widening after arthroscopic ACL reconstruction using combined femoral stabilization technique <i>FP41-6189 Magnitskaya Nina (Russian Federation)</i>	7'



Room: 111		
12:00 – 12:30 Free Papers: PCL and others <i>Moderation: Slullitel D. (Argentina), Pelfort López X. (Spain)</i>		
12:00 – 12:07	Incidence and outcome after PCL reconstruction. Results from the Danish registry for knee ligament reconstructions <i>FP39-1835 Lind M. (Denmark), Rahr-Wagner Lene</i>	7'
12:07 – 12:14	Chronic posterior knee laxity in a population of over 100 patients: Injury characteristics, diagnosis and treatment algorithm <i>FP39-1759 Makridis K. (Greece), Rousseau R., Miletic B., Pasquier G., Djian P.</i>	7'
12:14 – 12:21	Osteoarthritis and knee function after knee dislocation: A minimum 10-year follow-up <i>FP39-2708 Moatshe G. (United States of America), Engebretsen L.</i>	7'
12:21 – 12:28	Tibial plateau fractures: Is it feasible to predict soft tissue injuries using x-rays and CT scans? <i>FP39-2170 Paccot D. (Chile), Scheu M., Izquierdo G., Montenegro D., Tuca Maria, Espinoza G.</i>	7'

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 112			
09:00 – 10:25 ICL17: The posterior compartment of the ankle joint			
<i>Moderation: Pereira H. (Portugal), Haverkamp D. (Netherlands)</i>			
09:00 – 09:05	Introduction		
<i>ICL17-6007</i>	<i>Haverkamp D. (Netherlands)</i>		5'
09:05 – 09:15	The anatomy of the posterior ankle, through the eyes of Pau Golano		
<i>ICL17-6008</i>	<i>de Leeuw P. (Netherlands)</i>		10'
09:15 – 09:25	Posterior impingement (FHL, Cedell fracture, posterior talar process, os trigonum)		
<i>ICL17-6009</i>	<i>d'Hooghe P. (Qatar)</i>		10'
09:25 – 09:35	Fusion of the ankle joints through the posterior arthroscopic approach		
<i>ICL17-6010</i>	<i>Calder J. (United Kingdom)</i>		10'
09:35 – 09:45	Arthroscopic assisted fracture repair in the posterior compartment of the ankle		
<i>ICL17-6011</i>	<i>Kynsburg A. (Austria)</i>		10'
09:45 – 09:55	Arthroscopic release of the Tarsal Tunnel		
<i>ICL17-6012</i>	<i>Ogut T. (Turkey)</i>		10'
09:55 – 10:05	Flexor hallucis longus arthroscopic transfer: Technique and indications		
<i>ICL17-6013</i>	<i>Batista J. (Argentina)</i>		10'
10:05 – 10:10	Summary and future perspectives		
<i>ICL17-6014</i>	<i>Pereira H. (Portugal)</i>		5'
10:10 – 10:25	Discussion		15'
11:00 – 11:30	Ham break in the foyer of level P1		



Room: 112			
11:30 – 12:30	Arthro-Scope on fracture treatment		
	<i>Moderation: Doral M. (Turkey), Doornberg J. (Netherlands)</i>		
11:30 – 11:35	Introduction: Intraarticular fxs		
	<i>SY35-4071 Doral M. (Turkey)</i>		5'
11:35 – 11:40	Knee: Plateau fxs: Need a new classification!		
	<i>SY35-4072 Doral M. (Turkey)</i>		5'
11:40 – 11:50	Surgery under arthroscopic control, when, why and how?		
	<i>SY35-4073 Zaffagnini S. (Italy)</i>		10'
11:50 – 12:00	Ankle: Pilon fx		
	<i>SY35-4074 DiGiovanni C. (United States of America)</i>		10'
12:00 – 12:10	Ankle/posterior malleolar fxs		
	<i>SY35-4075 Stufkens S. (Netherlands)</i>		10'
12:10 – 12:20	Syndesmotic injuries		
	<i>SY35-4076 Doornberg J. (Netherlands)</i>		10'
12:20 – 12:30	Discussion		10'

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 112

12:30 – 13:30 Free Papers: Foot & ankle III

Moderation: Stufkens S. (Netherlands), Carmont M. (United Kingdom)

12:30 – 12:37	Diagnostic usefulness of alternative manual stress radiographic technique in chronic ankle instability for detecting associated subtalar instability	FP15-1365	Lee B. (South Korea (ROK)), Kim G.	7'
12:37 – 12:44	Dynamic fixation of the injured syndesmosis gives better functional outcome and better ankle range of motion	FP15-2032	Andersen Mette Renate (Norway), Frihagen F., Madsen J., Figved W.	7'
12:44 – 12:51	Treatment for osteochondral lesions of the talardome with lateral instability of the ankle	FP15-1702	Odagiri H. (Japan), Takao M., Miyamoto W., Innami K.	7'
12:51 – 12:58	Minimally invasive surgical treatment of chronic ankle instability: A systematic review of current literature	FP15-2063	Matsui K. (Japan), Takao M., Stone J., Guillo S., Glazebrook M.	7'
12:58 – 13:05	Postoperative complication rates following collateral ankle ligament procedures performed with and without concomitant arthroscopic procedures: A large healthcare database analysis	FP15-2361	Yasui Y. (United States of America), Murawski C., Wollstein Adi, Kennedy J.	7'
13:05 – 13:12	Long-term outcome after arthroscopic treatment for posterior ankle impingement	FP15-2541	Zwiers R. (Netherlands), Wiegerinck J., Baltes T., van Dijk C.	7'
13:12 – 13:19	Return to sport following acute lateral ligament repair of the ankle in professional athletes	FP15-2396	Calder J. (United Kingdom), White J., McCollum G.	7'
13:19 – 13:26	Sport activity after AMIC-aided repair of osteochondral lesions of the talus	FP15-1129	Wiewiorski M. (Switzerland), Werner L., Barg A., Valderrabano V.	7'



Room: 113			
09:00 – 10:25 ICL20: Elbow arthroscopy: From basic to advance			
<i>Moderation: Pederzini L. (Italy), van Riet R. (Belgium)</i>			
09:00 – 09:08	Set up and portals		
ICL20-6015	Van Tongel A. (Belgium)		8'
09:08 – 09:16	Stiffness		
ICL20-6016	Eyghendaal Denise (Netherlands)		8'
09:16 – 09:24	OCD		
ICL20-6017	Pederzini L. (Italy)		8'
09:24 – 09:32	Instability		
ICL20-6018	Adamczyk G. (Poland)		8'
09:32 – 09:40	Lateral painful syndrome		
ICL20-6019	Arrigoni P. (Italy)		8'
09:40 – 09:48	Nerve compression around the elbow		
ICL20-6020	Demirtas M. (Turkey)		8'
09:48 – 09:56	Epicondilitis		
ICL20-6021	Safran M. (United States of America)		8'
09:56 – 10:04	Future?!		
ICL20-6022	van Riet R. (Belgium)		8'
10:04 – 10:25	Discussion		21'
11:00 – 11:30	Ham break in the foyer of level P1		

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 113

11:30 – 12:30 Free Papers: Shoulder degenerative

Moderation: Snyder-Mackler Lynn (United States of America), Mihelic R. (Croatia)

11:37 – 11:44	Tranexamic acid in total shoulder arthroplasty: A randomized, controlled trial	FP37-2314	<i>Pauzenberger L. (Austria), Grieb A., Laky Brenda, Anderl W., Heuberer P.</i>	7'
11:44 – 11:51	Hemiarthroplasty versus total shoulder arthroplasty for shoulder osteoarthritis: A matched comparison of return to sports and employment	FP37-2060	<i>Garcia G. (United States of America), Liu J., Mahony G., Sinatro A., Warren R., Dines D., Gulotta L.</i>	7'
11:51 – 11:58	5-year-results of new generation reverse shoulder arthroplasty (RSA)	FP37-1221	<i>Geyer M. (Germany), Schoch C., Gruber Stephanie</i>	7'
11:58 – 12:05	Indications and outcomes of shoulder arthroscopy after shoulder arthroplasty	FP37-1171	<i>Horner N. (Canada), de SA D., Heaven S., Simunovic Nicole, Bedi A., Athwal G., Ayeni O.</i>	7'
12:05 – 12:12	Surgical treatment of infected shoulder arthroplasty. A systematic review	FP37-2225	<i>Marcheggiani Muccioli G. (Italy), Huri G., Grassi A., Carbone G., Rotini M., Doral M., Zaffagnini S., Marcacci M.</i>	7'
12:12 – 12:19	Comprehensive arthroscopic management (CAM) of glenohumeral osteoarthritis: Factors predictive of early failure	FP37-2054	<i>Mitchell J. (United States of America), Warner B., Horan Marilee P., Raynor M., Greenspoon J., Millett P.</i>	7'
12:19 – 12:26	Internet based health information on frozen shoulder: An assessment of quality indicators	FP37-2150	<i>Boutefnouchet T. (United Kingdom), Laios T.</i>	7'



Room: 114		
09:00 – 10:25 ICL21: Complication in rotator cuff treatment <i>Moderation: Toussaint B. (France), Nebelung W. (Germany)</i>		
09:00 – 09:17	Infections following shoulder arthroscopy: Incidence, risk factors and prophylaxis <i>ICL21-6099 Pauzenberger L. (Austria)</i>	17'
09:17 – 09:34	Postoperative shoulder stiffness after rotator cuff repair <i>ICL21-6100 Labs K. (Germany)</i>	17'
09:34 – 09:51	Relevant factors for retears after rotator cuff reconstruction <i>ICL21-6101 Nove Josserand L. (France)</i>	17'
09:51 – 10:08	Arthroscopic revision of failed rotator cuff reconstruction <i>ICL21-6102 Buess E. (Switzerland)</i>	17'
10:08 – 10:25	Complications related to positioning and anesthesia during rotator cuff reconstruction <i>ICL21-6103 Nebelung W. (Germany)</i>	17'
11:00 – 11:30	Ham break in the foyer of level P1	

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 114			
11:30 – 12:00 Affiliated societies presentations			
<i>Moderation: Menetrey J. (Switzerland), Tey-Pons M. (Spain)</i>			
11:30 – 11:37	Knee Section of SPOT National Award Winner – Tibial Plateau Fractures: functional outcome of surgical treatment	SY46-6188 Figueiredo A. (Portugal)	7'
11:37 – 11:44	EAE National Award Winner – Gender as a risk factor for injuries in alpine sports	SY46-6183 Zacharopoulos A. (Greece)	7'
11:44 – 11:51	AOTBIH National Award Winner – Primary THR in cases of coxarthrosis with high luxation of the hip	SY46-6175 Manojlovic S. (Bosnia and Herzegovina)	7'
11:51 – 11:58	SPAT National Award Winner – Arthroscopically assisted repair of acute grade III and V acromioclavicular joint dislocations – Unsatisfactory preliminary results	SY46-6269 Costa A. (Portugal)	7'
12:00 – 13:30 Free Papers: Osteotomy			
<i>Moderation: Jung T. (Germany), van Heerwaarden R. (Netherlands)</i>			
12:00 – 12:07	Medial opening wedge high tibial osteotomy improves outcomes for patients: A multicentre cohort study	FP40-2047 Elson D. (United Kingdom), Vint Helen, Palmer H., Risebury M., Wilson C., Dawson M., Wilson A.	7'
12:07 – 12:14	Change of rotational alignment of the lower extremity after high tibial osteotomy: Comparison between closing-wedge and opening-wedge technique	FP40-1778 Lee M. (South Korea (ROK)), Kim B., Kim J., Lee O., Lee K., Han H., Lee S.	7'
12:14 – 12:21	Five year survival analysis of an implantable knee joint unloader	FP40-2822 Hayes D. (Australia), McNicholas M., Hayes D., Waller C.	7'
12:21 – 12:28	The reliability of a multi-level torsion assessment of the femur	FP40-2653 Ferlic P. (Austria), Liebensteiner M., Runer A., Thöni Maria, Seeber C., Seitlinger G.	7'



Room: 114		
12:00 – 13:30	Free Papers: Osteotomy <i>continued</i>	
12:28 – 12:35	Osteotomies about the knee and unicompartmental knee replacement: A comparison of functional outcomes at 2 years <i>FP40-1952 Palmer J. (United Kingdom), Patel S., Risebury M., Briant-Evans T., Rossiter N., Thomas N., Britton J., Wilson A.</i>	7'
12:35 – 12:42	Leg length discrepancy after high tibial osteotomy: Prospective comparative study of lateral closing versus medial opening wedge osteotomy <i>FP40-1928 Lee M. (South Korea (ROK)), Kim J., Kim B., Lee K., Lee O., Han H., Lee S.</i>	7'
12:42 – 12:49	Changes in patellofemoral alignment do not affect the clinical outcome after open-wedge high tibial osteotomy <i>FP40-1799 Goshima K. (Japan), Sawaguchi T., Sakagoshi D., Shigemoto K.</i>	7'
12:49 – 12:56	Valgus high tibial osteotomy and bone marrow mononuclear cells transplantation: Imaging and clinical results after four year of follow-up in the arthritic varus knee <i>FP40-2144 Vannini Francesca (Italy), Buda R., Baldassarri M., Castagnini F., Pagliuzzi G., Gorgolini G., Giannini S.</i>	7'
12:56 – 13:03	Unintended internal rotation of the distal tibia following biplane medial open-wedge high tibial osteotomy <i>FP40-2094 Jang K. (South Korea (ROK)), Lee J., Lee D., Kim J., Han S.</i>	7'
13:03 – 13:10	Feasibility of joint unloading for degenerative medial meniscus, cartilage defects, and OA <i>FP40-2048 Slynarski K. (Poland), Lipinski L., Krzesniak Anna</i>	7
13:10 – 13:17	Cartilage regeneration after isolated high tibial osteotomy: 2 nd look arthroscopic study <i>FP40-2224 Park S. (South Korea (ROK))</i>	7

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 115			
09:00 – 10:25 ICL22: Clinical utility of echography in athlete with tendinopathy			
<i>Moderation: Abat F. (Spain)</i>			
09:00 – 09:10	Diagnostic of the most common tendinopathies of the sportsman using US		
<i>ICL22-6104</i>	<i>Gomes S. (Portugal)</i>		<i>10'</i>
09:10 – 09:20	Can US replace MRI in the diagnosis and management of tendinopathies?		
<i>ICL22-6105</i>	<i>Myers C. (United Kingdom)</i>		<i>10'</i>
09:20 – 09:30	Neovascularity in tendinopathy: A red herring?		
<i>ICL22-6106</i>			<i>10'</i>
09:30 – 09:50	Ultrasound guided tendon interventions: State of the art		
<i>ICL22-6107</i>	<i>Chan O. (United Kingdom)</i>		<i>20'</i>
09:50 – 10:00	Ultrasound guided mini surgery for tendinopathy treatment		
<i>ICL22-6108</i>	<i>Alfredson H. (Sweden)</i>		<i>10'</i>
10:00 – 10:10	Autologous US-guided treatments in tendinopathy, how should it be done?		
<i>ICL22-6109</i>	<i>Lopez Vidriero E. (Spain)</i>		<i>10'</i>
10:10 – 10:25	Discussion		<i>15'</i>
11:00 – 11:30	Ham break in the foyer of level P1		



Room: 115				
11:30 – 12:30 Free Papers: Basic science <i>Moderation: de Girolamo Laura (Italy), Kopf S. (Germany)</i>				Overview Timetables
11:30 – 11:37	Intra-articular autologous conditioned plasma injections provide safe and efficacious treatment for knee osteoarthritis: An FDA sanctioned, randomized, double-blinded, placebo-controlled clinical trial	FP38-1680 Smith P. (United States of America)	7'	Scientific Programme Wednesday
11:37 – 11:44	A novel silk-fiber based scaffold for regeneration of the ACL – Histological results of a large animal study	FP38-1518 Nau T. (Austria), Teuschl A., Heimel P., Nürnberger Silvia, Redl H.	7'	Scientific Programme Wednesday
11:44 – 11:51	Comparing established and emerging surgical options for load reduction of the medial knee – A biomechanical study	FP38-2033 Becher C. (Germany), Huelsmann J., Ettinger M., Fleischer B., Niemeyer P., Bode G.	7'	Scientific Programme Thursday
11:51 – 11:58	Which part of blood in the joint is responsible for its deleterious effects?	FP38-2184 Colak T. (Turkey), KAYA BICER Elcil, küçük I., Doganavsargil Basak, sezak m., Aydogdu S.	7'	Scientific Programme Friday
11:58 – 12:05	Robotic assessment of anterolateral ligament: Reconstruction of the anterolateral and anterior cruciate ligament	FP38-2071 Dornan G. (United States of America), Nitri M., Rasmussen M., Williams B., Moulton S., Cruz R., Goldsmith Mary, LaPrade R.	7'	Scientific Programme Friday
12:05 – 12:12	Hexagonal graft system in mosaicplasty: A biomechanical study	FP38-1299 Kar A. (Turkey), Uzun B., Ertem F., Tatari M.	7'	Scientific Programme Saturday
12:12 – 12:19	BOTA National Award Winner – Application of platelet-rich plasma (PRP) in hard-to-heal and chronic skin wounds' treatment	FP38-6176 Sokolov T. (Bulgaria)	7'	Scientific Programme Saturday
12:19 – 12:30	Discussion		11'	Nurse-Course Pre-Courses



Room: 115

12:30 – 13:30 Free Papers: Sport specific

Moderation: Englund M. (Sweden), Smigielski R. (Poland)

12:30 – 12:37	SIGASCOT National Award Winner – Development and validation of the DOSIS score		
FP36-6184	Blonna D. (Italy)		7'
12:37 – 12:44	The effect of video feedback on landing technique in elite female team handball players, implications for ACL injury prevention		
FP36-2185	Benjaminse Anne (Netherlands), Postma W., Janssen Ina, Otten B.		7'
12:44 – 12:51	Suprascapular nerve entrapment in elite tennis players		
FP36-2208	Lopez Vidriero E. (Spain), Lopez-Vidiero Rosa, Maldonado A.		7'
12:51 – 12:58	The Influence of gender and trauma mechanisms on the rupture site of the ulnar collateral ligament of the thumb – Preliminary results of a multicenter study		
FP36-2619	Bösmüller Sandra (Austria), Meznik A., Muschitz Gabriela, Kitzinger H., Huf W., Fialka C., Vierhapper M.		7'
12:58 – 13:05	Hamstring flexibility evaluation in young athletes: A cross-sectional study		
FP36-1761	Pereira Ruiz Maria Teresa (Italy), Virgulti A., Cavarretta Elena		7'
13:05 – 13:12	SFTS National Award Winner – Patellar tendon stiffness by elastography. Comparison between a control group and patients with patellar tendinopathy		
FP36-6179	Labruyère Charlotte (France), Khiami F., Collé J., Groc Marianne, Tassery F., Rouch P., Thoreux Patricia		7'
13:12 – 13:19	Athletic groin pain: A systematic review of surgical diagnoses, investigations, and treatment		
FP36-1169	de SA D. (Canada), Hölmich P., Phillips M., Heaven S., Simunovic Nicole, Phillippon M.		7'
13:19 – 13:26	Articular surface partial tears of the supraspinatus tendon in throwing athletes: A Cuban perspective		
FP36-6196	Garcia Martinez O. (Switzerland)		7'



Room: 116		
09:00 – 10:25	ICL23: How to make a video <i>Moderation: Tecklenburg Katja (Austria), Graveleau N. (France)</i>	
09:00 – 09:05	Introduction: why do we need educational videos? <i>ICL23-6163 Karahan M. (Turkey)</i>	5'
09:05 – 09:20	Technical aspects and pitfalls of making a surgical video <i>ICL23-6164 Putzer D. (Austria)</i>	15'
09:20 – 09:35	Practical guidelines on how to make a video for your presentation <i>ICL23-6165 Sbihi A. (France)</i>	15'
09:35 – 09:50	Videos as tools for patient decision making <i>ICL23-6166 Daniel S. (United Kingdom)</i>	15'
09:50 – 10:05	How to manage your video: export, side, format, reader, quality <i>ICL23-6167 Graveleau N. (France)</i>	15'
10:05 – 10:25	Discussion	20'
11:00 – 11:30	Ham break in the foyer of level P1	

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Room: 116

11:30 – 12:30 **Free Papers: Sports medicine, miscellaneous**

Moderation: Tol H. (Netherlands), Ernlund L. (Brazil)

- | | | |
|---------------|--|----|
| 11:30 – 11:37 | Danish hip arthroscopy registry: The first outcome description of patients with femoroacetabular impingement (FAI) | |
| FP17-2450 | Lund B. (Denmark), Mygind-Klavsen B., Nielsen T., Maagaard N., Kraemer O., Hölmich P., Winge S., Lind M. | 7' |
| 11:37 – 11:44 | Regeneration of harvested hamstring tendons on magnetic resonance imaging: A prospective observational follow-up study | |
| FP17-2492 | Suijkerbuijk M. (Netherlands), Reijman M., Oei E., van Meer Belle, van Arkel E., Meuffels D. | 7' |
| 11:44 – 11:51 | Sports injury and illness epidemiology: Team surveillance during the 2014 Youth Olympic Games | |
| FP17-2821 | Moreau B. (United States of America), Briggs Karen, Nablan D., Philippon M. | 7' |
| 11:51 – 11:58 | Physical and mental health of European professional footballers: A six months follow-up PROMs study | |
| FP17-1157 | Goutteborge V. (Netherlands), Aoki H., Verhagen E., Kerkhoffs G. | 7' |
| 11:58 – 12:05 | Stress fractures as an uncommon cause of injury in athletics | |
| FP17-1592 | Baums M. (Germany), Kostuj Tanja, Klinger H., Papalia R. | 7' |
| 12:05 – 12:12 | Major trauma in winter sports: An international trauma database analysis | |
| FP17-1994 | Müller-Stromberg J. (Germany), Weber C., Lefering R., Hofman M., Dienstknecht T., Pape H., Traumaregister D. | 7' |
| 12:12 – 12:19 | Injury incidence and location of acute injuries at a national level in seven popular sports | |
| FP17-2775 | Aman Malin (Sweden), Forssblad M., Larsén Karin | 7' |
| 12:19 – 12:26 | Injuries in judo – An epidemiological study on 4659 judo athletes | |
| FP17-2772 | Akoto R. (Germany), Lambert C., Balke M., Frosch K., Höher J. | 7' |



Room: 116				
12:30 – 13:30	Collaboration for success: The machine and the man (Formula 1)			Overview Timetables
	<i>Moderation: Kucukdurmaz F. (Turkey)</i>			
12:30 – 12:42	Driver as a high level athlete			Scientific Programme Wednesday
	SY39-6299	<i>Kucukdurmaz F. (Turkey)</i>	12'	
12:42 – 12:54	Acute injuries during the race			
	SY39-6300		12'	Scientific Programme Thursday
12:54 – 13:06	Chronic injuries of drivers			
	SY39-6301	<i>Carreras Anna (Spain)</i>	12'	
13:06 – 13:18	Being in the car			Scientific Programme Friday
	SY39-6302		12'	
13:18 – 13:30	Discussion		12'	Scientific Programme Saturday



Room: 117			
09:00 – 10:25 ICL19: Bony defects in revision ACL surgery			
<i>Moderation: Siebold R. (Germany), Feller J. (Australia)</i>			
09:00 – 09:13	Introduction and classification of bone defects		
ICL19-6235	Feller J. (Australia)		13'
09:13 – 09:26	Options for dealing with bony defects in revision ACLR		
ICL19-6236	Eriksson K. (Sweden)		13'
09:26 – 09:39	Avoiding two stage procedures		
ICL19-6237	Williams A. (United Kingdom)		13'
09:39 – 09:52	Addressing bony defects in revision of double bundle ACLR		
ICL19-6238	Siebold R. (Germany)		13'
09:52 – 10:22	Discussion with case presentations		
ICL19-6239			30'
11:00 – 11:30 Ham break in the foyer of level P1			
11:30 – 11:45 Keynote lecture by Pascal Gleyze			
<i>Moderation: Calvo Diaz A. (Spain)</i>			
	Training and philosophy in shoulder arthroscopy		
KN06-6173	Gleyze P. (France)		15'



Room: 117		
11:45 – 12:45	Exceptional solutions for extreme situations in shoulder pathology <i>Moderation: Calvo Crespo E. (Spain), Lafosse L. (France)</i>	Voting
11:45 – 11:57	The difficult unstable shoulder SY18-6258 Arce G. (Argentina)	12'
11:57 – 12:09	The massive irreparable rotator cuff tear SY18-6259 Collin P. (France)	12'
12:09 – 12:21	The failed acromioclavicular joint reconstruction SY18-6260 Kraus Natascha (Germany)	12'
12:21 – 12:33	The arthritic shoulder in the young athlete SY18-6261 Agneskirchner J. (Germany)	12'
12:33 – 12:45	Discussion	12'

Overview
 Timetables

Scientific Programme
 Wednesday

Scientific Programme
 Thursday

Scientific Programme
 Friday

Scientific Programme
 Saturday

Nurse-Course
 Pre-Courses



Room: 120/121

09:00 – 10:00 **PT 01:**
Motor learning strategies – ACL injuries

Instructor: Gokeler A. (Netherlands), Benjaminse Anne

10:00 – 11:00 **PT 04:**
Motor learning strategies – ACL injuries (repetition)

Instructor: Gokeler A. (Netherlands), Benjaminse Anne

11:00 – 11:30 Ham break in the foyer of level P1

11:30 – 12:30 **PT 07:**
US – A diagnostic and guided treatment tool

Instructor: Balius R. (Spain)

12:30 – 13:30 **PT 09:**
US – A diagnostic and guided treatment tool (repetition)

Instructor: Balius R. (Spain)

Room: 122/123

09:00 – 10:00 **PT 02:**
Muscle Tech:
Criteria for rehabilitation progression FC Barcelona

Instructor: Linde X. (Spain), Saula Marta (Spain)

10:00 – 11:00 **PT 05:**
Muscle Tech:
Criteria for rehabilitation progression FC Barcelona (repetition)

Instructor: Linde X. (Spain), Saula Marta (Spain)

11:00 – 11:30 Ham break in the foyer of level P1



Room: 122/123		
11:30 – 12:30	PT 08: Latest technology in neuromuscular evaluation & Rehabilitation of lower extremity injuries and core stability	Overview Timetables
<i>Instructor: Vereecken S. (Belgium) On behalf of the team of Professor Staes</i>		
12:30 – 13:30	PT 10: Latest technology in neuromuscular evaluation & Rehabilitation of lower extremity injuries and core stability (repetition)	Scientific Programme Wednesday
<i>Instructor: Vereecken S. (Belgium) On behalf of the team of Professor Staes</i>		
Room: 124/125		
09:00 – 10:00	PT 03: Prevention of ACL injuries	Scientific Programme Thursday
<i>Instructor: Näsmark Annica (Sweden)</i>		
10:00 – 11:00	PT 06: Prevention of ACL injuries (repetition)	Scientific Programme Thursday
<i>Instructor: Näsmark Annica (Sweden)</i>		
11:00 – 11:30	Ham break in the foyer of level P1	Scientific Programme Friday
11:30 – 12:30	PT 11: Kinetic chain considerations in the return to play in the athletic shoulder	
<i>Instructor: Gibson Jo (United Kingdom), Horsley I. (United Kingdom)</i>		
12:30 – 13:30	PT 12: Kinetic chain considerations in the return to play in the athletic shoulder (repetition)	Scientific Programme Saturday
<i>Instructor: Gibson Jo (United Kingdom), Horsley I. (United Kingdom)</i>		

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



Comité organizador

*Dr. Pablo Gelber
DUE Mónica Trabalón
DUE Raquel Gordo
DUE M^a Pilar Esteve
DUE Gemma Pérez
DUE Eladia Tauste
DUE Gemma Horta*

Hora	Presentación
8:00 – 8:30	Acreditación
8:30 – 8:45	Apertura de la Jornada. Room 120/121 <i>Comité organizador</i>
Bloque I. 8:45 – 9:00	Presentadora: Eladia Tauste Prevención de lesiones relacionadas con la actividad de enfermería en quirófano: Aspectos ergonómicos y recomendaciones – <i>Àlex Ginés i Puertos, Fisioterapeuta</i>
9:00 – 9:15	Investigación enfermera: ¿Leyenda urbana o realidad? <i>DUE Gemma Horta</i>
9:15 – 9:30	Pausa café VIP Room (Level M1)
9:30 – 11:00	Workshop: Artroscopia y artroplastia de grandes articulaciones



Hora	Presentación
Bloque II. 11:00 – 11:30	Presentadora: Gemma Pérez Puntos de vista de una enfermera y un cirujano: “¿Que hago yo para que el paciente no se infecte?” <i>Dr. Lluís Puig / DUE Amalia Sillero</i>
11:30 – 12:00	Cross-fire enfermera-cirujano: Práctica privada versus pública: ¿Por qué es tan diferente? <i>Dr. Francisco Maculé / DUE Mónica Álvarez</i>
12:00 – 14:00	Almuerzo y presentación vídeos
Bloque III. 14:00 – 14:45	Presentadora: Raquel Gordo Perfil profesional de la enfermera quirúrgica de COT y del traumatólogo. Estrategias de comunicación y técnicas de afrontamiento al estrés. <i>DUEs y psicóteras Silvia Creus y María Ortega</i>
Bloque IV. 14.45 – 15:15	Presentadora: Mónica Trabalón Cross-fire enfermera-cirujano. “Rápido, rápido”... ¿Respetas el cirujano el tiempo que necesita la enfermera? <i>DUE Olga Farrás / Dr. Carlomagno Cárdenas</i>
Bloque V. 15:15 – 15:45	Presentadora: M^a Pilar Esteve Trucos y consejos para la actividad cotidiana de enfermería. <i>Comité organizador</i>
15.45 – 16.00	¿Qué hacer si se infecta el injerto de LCA? <i>DUE Elisabeta Casalini</i>
16.00 – 16.15	Radioprotección intraoperatoria. Más conocimientos, menos miedos. Carlos Jiménez, Técnico en Radiodiagnóstico
Bloque VI. 16:15 – 16:45	Presentador: Dr. Pablo Gelber Un poco de humor: ¿Cómo debería ser la enfermera perfecta? <i>Dr. Roberto Seijas</i> ¿Cómo debería ser un traumatólogo perfecto? <i>DUE Lluisa Juncar</i>
17.00	Mensaje de clausura

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



These cadaver -lab pre -courses have been planned for residents or surgeons with less than five years of clinical practice. There will be 15 cadaveric stations with top level arthroscopic equipment in each course. Only two attendees are allowed at each station, so the total number of attendees is 30 each day. There will be one experienced surgeon in arthroscopic and open surgery at each station and one assistant to help with technical and related questions/problems.

The courses are clearly structured and guided:

1. Participants must follow very specific arthroscopic exercises within a specific time frame.
2. The techniques will be shown before each exercise on big screens.

Included in the course fee are: Participation in the course, bus transfer, coffee and lunch, lab coat, gloves.
The participation fee is EUR 750 per course.

Monday, 2 May 2016

08:00 - 16:30 h

Programme Shoulder session	
Chairmen:	Pablo Gelber, Angel Calvo, Francesc Soler (Spain)
07:00	Transfer from the hotels/Convention Centre to the Anatomy Department (30 minutes trip)
07:45 - 08:00	Time to dress
08:00 - 08:30	Welcome, instructions for the practical part of the course, presentation
08:30 - 09:00	Coffee break
09:00 - 13:00	Shoulder cadaver - lab practice (arthroscopy)
Basic skills	
09:00 - 09:30	Glenohumeral joint portals and systematic intra - articular evaluation
Instability	
09:30 - 10:00	Posterior labral repair
10:00 - 10:30	Anterior labral repair
10:30 - 10.50	SLAP repair
Subacromial space	
10:50 - 11:30	Subacromial decompression and Mumford procedure
11:30 - 12:00	Cuff tear preparation. Prepare the footprint
12:00 - 13:00	Cuff tear repair. Different techniques
13:00 - 14:00	Lunch break
14:00 - 16:00	Out of the box arthroscopy
Biceps tendon	
14:00 - 14:15	Bicipital groove identification and biceps tenotomy
14:15 - 15:00	Biceps tenodesis (intraosseous)
Anterior subacromial space	
15:00 - 15:30	Coracoid process exposure and suprascapular nerve release
15:30 - 16:00	Subscapularis repair
16:30	Transfer to the Convention Centre/hotels in Diagonal Mar area
Instructors:	Mikel Aramberri (Spain), Lijkele Beimers (Netherlands), Alberto Frances Borrego (Spain), Lautaro Candiotti (Argentina), Pablo Cañete (Spain), Ricardo Cuellar (Spain), Miguel Angel Ruiz Ibán (Spain), Javier Mastropiero (Spain), Carlos Molano (Spain), Alfredo Moreno (Colombia), Pablo Narvona (Argentina), Miguel Garcia Navlet (Spain), Joan Miquel Noguera (Spain), Juan Sarasquete (Spain), Nestor Zurita (Spain)



Tuesday, 3 May 2016

08:00 - 16:30 h

Programme Knee session	
Chairmen:	Pablo Gelber, Xavier Pelfort (Spain)
07:00	Transfer from the hotels/Convention Centre to the Anatomy Department (30 minutes trip)
07:45 - 08:00	Time to dress
08:00 - 08:30	Welcome, instructions for the practical part of the course, presentation
08:30 - 09:00	Coffee break
<hr/>	
09:00 - 13:00	Knee cadaver - lab practice (arthroscopy)
Basic skills	
09:00 - 09:30	AM, AL, Acc AM portals and systematic intra - articular evaluation
Menisci	
09:30 - 10:00	All - inside meniscal repair
10:00 - 10:30	Polyurethane meniscal substitute implantation
Anterior cruciate ligament	
10:30 - 10:50	Hamstring graft harvesting
10:50 - 11:40	Anatomic femoral and tibial tunnels
11:40 - 12:00	Graft introduction and fixation
Posterior cruciate ligament	
12:00 - 12:35	PM portal and transtibial tunnel
12:35 - 13:00	Out - in femoral tunnel and graft passage/fixation
<hr/>	
13:00 - 14:00	Lunch break
<hr/>	
14:00 - 16:00	Knee cadaver - lab practice (open techniques)
14:00 - 15:00	Popliteofibular and FCL reconstruction
15:00 - 16:00	Medial patellofemoral reconstruction
<hr/>	
16:30	Transfer to the Convention Centre/hotels in Diagonal Mar area
<hr/>	
Instructors:	Cristian Collazo (Argentina), Antonio Cruz (Spain), Juan Erquicia (Spain), Gonzalo Ferrer (Chile), Francois Hardeman (Belgium), Tobias Jung (Germany), Sebastian Kopf (Germany), Luis Nuñez (Mexico), Dragos Popescu (Romania), Fernando Radice (Chile), Gustavo Rincón (Colombia), Sergi Sastre (Spain), Daniel Slulittel (Argentina), Raúl Torres (Spain), Katja Tecklenburg (Austria), Silvio Villascusa (Spain)

Overview
Timetables

Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses

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P01 Ankle/Foot

Anatomical reconstruction of the lateral ligaments using Gracillis tendon in chronic ankle instability; a new technique

P01-1004 Hamido F. (Kuwait)

Comparison of postoperative pain using open and arthroscopic approaches for lateral ankle ligament repair

P01-1063 Noda M. (Japan), Yoshimura I., Naito M., Kanazawa K., Hagio T.

A quick groove-restoration technique for peroneal tendon subluxation in athletes

P01-1098 Yoshimura I. (Japan), Kanazawa K., Hagio T., Naito M.

Resistant Plantar Faciopathy: endoscopic plantar fascia release versus platelet rich plasma

P01-1122 Othman A. (Egypt)

Ultrasound diagnostic ability for the early stage of metatarsal stress fracture

P01-1238 Sasahara J. (Japan), Takao M., Miyamoto W., Yasui Y., Fujita M., Innami K., Matsushita T., Kawano H.

Effects of Gastrocnemius Recession on Ankle Motion, Strength, and Functional Outcomes: A Systematic Review

P01-1258 Yasui Y. (United States of America), Gianakos Arianna, Murawski C., Kennedy J.

Lateral ankle instability anatomic reconstruction with an autologous graft percutaneous technique and arthroscopy of the ankle

P01-1264 Mastropiero J. (Argentina)

Surgical guidelines for Achilles tendinopathy

P01-1331 Hardy A. (France), Rousseau R., Khiami F.

Stress Distribution within the Osteochondral Lesions of the Talus with Nonshoulder-type and Shoulder-type.

P01-1495 Hagio T. (Japan), Yoshimura I., Kanazawa K., Minokawa S., Naito M.

Screw versus Suture button in the Acute Syndemosis Ruptures

P01-1587 Vide J. (Portugal), Coelho Ana Marta, Mendes D., Sousa M.

Functional outcome and Quality of Life in patients with deltoid ligament of the ankle repair: a retrospective case series

P01-1760 Makridis K. (Greece), Rousseau R., Poux D., Djian P.

Lisfranc Injury in Athletes: Rate and Time until Return to Sport after Surgical Fixation

P01-1820 van Dijk P. (Netherlands), Vopat B., Hazzard S., McKinnon Kayla, Asnis P., Theodore G.


P01 Ankle/Foot

Clinical analysis of ultrasound-guided nerve block for orthopaedic surgery in lower extremity by orthopaedic surgeon

P01-1884 Kang C. (South Korea (ROK)), Hwang D., Kim Y., Joo Y., Lee W., Noh C., Park I., Yoo C.

3-D Computed Tomography (CT) Comparison of the Pre-Injury and Post-Repair Syndesmosis to Assess Anatomic Reduction

P01-1999 Turnbull T. (United States of America), Schon J., Venderley Melanie, Dorman G., Williams B., LaPrade R., Clanton T.

Tibiocalcaneal Arthrodesis as a Limb Salvage Procedure for high-risk foot deformities of the ankle and hindfoot fusion

P01-2003 Daniilidis K. (Germany), Stukenborg-Colsman Christina, Claaßen L., Plaass C., Lerch M., Yao D., Ettinger Sarah

Surgical Management of Charcot Deformity for the Foot and Ankle

P01-2008 Daniilidis K. (Germany), Stukenborg-Colsman Christina, Claaßen L., Lerch M., Yao D., Ettinger Sarah

Anatomy of Anterior Talofibular and Calcaneofibular Ligament for Minimally Invasive Surgery: A Comprehensive Systematic Review

P01-2072 Matsui K. (Japan), Glazebrook M., Ozeki S., Tochigi Y., Takao M.

Outcome of Ankle Syndesmosis injury Reconstruction Using the Screw fixation Versus the Suture Technique: A Systematic Review and Meta-analysis

P01-2081 Chen X. (Singapore), Pearce C., Chen Y, Li R.

Grade II syndesmosis injuries in elite athletes – a modified classification for predicting the need for surgical stabilization and time to return to sports

P01-2204 Calder J. (United Kingdom), McCollum G., Bamford R.

Severity of symptoms in Achilles tendinopathy

P01-2286 Stefansson S. (Iceland), Brandsson S., Langberg H., Arnason A.

Long-term results of endoscopic release of the Achilles tendon in patients with midportion tendinopathy

P01-2287 Opdam Kim (Netherlands), Baltés T., Zwiers R., van Dijk N.

The Ankle Syndesmosis: A Biomechanical Analysis of the Individual Ligament Contributions to Rotational Stability

P01-2321 Turnbull T. (United States of America), Whitlow S., Williams B., Saroki Adriana, Dorman G., Backus J., LaPrade R., Clanton T.

Repair of the Ankle Syndesmosis: A Biomechanical Analysis of Three Current Repair Techniques

P01-2331 Turnbull T. (United States of America), Clanton T., Whitlow S., Williams B., Saroki Adriana, Dorman G., LaPrade R.

E-posters

Faculty

Board of reviewers
Lunch workshopsPartners/Exhibitors
FloorplansEducational Programme
Awards/General InformationTravel & Access
Social Programme

**P01 Ankle/Foot**

Screw Bent after intermedullary fixation for Jones fracture in Japanese athletes

P01-2346 *Matsunaga R. (Japan), Sando T., Katori Y., Yamamoto K.*

Treatment of insertional Achilles tendinopathy and retrocalcaneal bursitis with dorsal wedge calcaneal osteotomy in athletes. Three years follow-up.

P01-2386 *Georgiannos D. (Greece), Bisbinas I., Lampridis V., Konstantinidis A., Kapoutsis D., Savvidis M., Gouvas G.*

Plantar fasciotomy and TOPAZ coblation: which is the better technique for the treatment of recalcitrant plantar fasciitis?

P01-2509 *Png W. (Singapore)*

Optimal radiographic view for detecting os trigonum in patients with posterior ankle impingement complaints

P01-2548 *Zwiers R. (Netherlands), Blankevoort L., Wiegerinck J., Dobbe J., Maas M., van Dijk C.*

Meta-analysis and suggested guidelines for prevention of Venous Thrombo-Embolism (VTE) in foot and ankle surgery.

P01-2593 *Calder J. (United Kingdom), Freeman R., Danderyd Hospital AB Erica, van Dijk C., Ackerman P.*

Arthroscopic treatment of Haglund deformity

P01-2634 *Pinheiro Torres T. (Portugal), Saraiva D., Santos Pereira R., Frias M., Sarmento A., Macedo Sara, Campos Lemos J.*

Arthroscopic Anterior Talo-Fibular Ligament Reconstruction using a Gracilis Tendon

P01-2635 *Higashiyama R. (Japan), Aikawa J., Iwase D., Minatani A., Sekiguchi H., Watanabe H., Watanabe E., Takaso M.*

Arthroscopic ankle fusion using two headless screws in a crossed configuration

P01-2643 *Papadopoulos D. (Greece), Gkiatas G., Plakoutsis S., Fylaktos A., Tsantes A., Papageorgiou C.*

Medical Co-Morbidities Are Associated with Increased Cost, Infection Rates, and Duration of Treatment after Primary Achilles Tendon Repair

P01-2738 *Murawski C. (United States of America), Dombrowski M., Yasui Y., Chen Antonia, Kennedy J.*

Dutch-language patient-reported outcome measures for foot and ankle injuries; a systematic review

P01-2803 *Weel Hanneke (Netherlands), Zwiers R., Sierevelt Inger, Haverkamp D., Kerkhoffs G., van Dijk C.*


P02 Elbow/Wrist

Shortening osteotomy of the proximal radius – a treatment option for isolated osteoarthritis of the lateral column of the elbow joint?

P02-1315 Hackl M. (Germany), Kahmann Stephanie Lucina, Wegmann K., Ries C., Staat M., Müller L.

Introduction of the Supination-Pronation Test for Distal Biceps Tendon Rupture

P02-1349 Tivener Kristin (United States of America), Metzman L.

Reconstruction of the interosseous membrane in the Essex Lopresti lesion – a biomechanical evaluation

P02-1466 Hackl M. (Germany), Leschinger T., Staat M., Müller L., Wegmann K.

Arthroscopic exploration and repair of thumb metacarpophalangeal ligament injuries

P02-1481 Croutzet P. (France)

Radiographic Signs of Malpositioning as Predictor of Functional Outcome after Radial Head Replacement

P02-1681 Bexkens R. (Netherlands), Claessen Femke, Kodde I., Doornberg J., van den Bekerom M., Eygendaal Denise

Reliability of Radiographic Signs for Malpositioning and Loosening of Uncemented Bipolar Radial Head Prosthesis

P02-1690 Bexkens R. (Netherlands), Claessen Femke, Oh L., Kodde I., Eygendaal Denise, van den Bekerom M.

The Postoperative MRI Findings of transferred Plugs in Osteochondritis Dissecance of Capitellum: Healing Condition and the Location of the Lesion

P02-1829 Mukai S. (Japan), Nakagawa Y., setoguchi y., Saji T., Yabumoto H.

Permanent nerve injury after elbow arthroscopy: a case series

P02-2466 Hilgersom N. (Netherlands), van Deurzen D., Gerritsma-Bleeker Carina, van der Heide H., Malessy M., Eygendaal Denise, van den Bekerom M.

Anatomical Study of the Lateral Ulnar Collateral Ligament: Anthropometric parameters and morphotypes definition.

P02-2645 Noriego Muñoz Diana (Spain), Carrera Burgaya Anna, Madirolas Alonso X., Reina de la Torre F.

Radial shock wave therapy achieves high success in treatment of radial epicondylitis in a group of tennis players

P02-2742 Penev P. (Bulgaria), Raykov D.

E-posters

Faculty

Board of reviewers
Lunch workshopsPartners/Exhibitors
FloorplansEducational Programme
Awards/General InformationTravel & Access
Social Programme



P03 Head/Spine

Does deep cervical flexors' muscle training affect pain pressure thresholds of myofascial trigger points in patients with chronic neck pain? A prospective randomized controlled trial

P03-2296 *Billis Evdokia (Greece), Bobos P., Papanikolaou Tania, Koutsojannis C.*

P04 Injury prevention

Activation of hamstrings and hallux muscles by routinely performing the FIFA 11+ program part 2 for 4 weeks

P04-1103 *Takata Y. (Japan), Nakase J., Inaki A., Mochizuki T., Numata H., Oshima T., Kinuya S., Tsuchiya H.*

Effectiveness of ACL PEP Program on Knee Abduction Moment

P04-1142 *Okawa Y. (Japan), Takao M., Saho Y., Iwano Kana*

Injury prevention after ACL surgery by unexpected disturbances

P04-1257 *Bartels T. (Germany), Pyschik M., Roessner Anett, Pröger S., Brehme F.*

Functional Training May be Necessary for Anterior Cruciate Ligament Reconstruction Rehabilitation

P04-1263 *Gali J. (Brazil), Cintra da Silva P., Gonzalez Nassar S., Separovic Faria F.*

Introducing the Surgical Therapeutic Index in trauma surgery; an assessment tool for the benefits and risks of different operative fracture treatment strategies

P04-1429 *van der Meijden O. (Netherlands), Houwert M., Wijdicks F., Dijkgraaf M., Leenen L., Verhofstad M., Verleisdonk E.*

Hamstring injury risk prediction in football through comprehensive clinical examination – practice needs science to make perfect.

P04-1470 *Schuermans Joke (Belgium)*

Knee reinjury after ACL reconstruction – risk factors associated with return to sport

P04-1488 *Grindem Hege (Norway), Moksnes H., Engebretsen L., Snyder-Mackler Lynn, Risberg May Arna*

The effect of the application of dynamic warm up exercises, core training and stretching on the motor abilities of youth league football players

P04-1637 *Szakálas Judit (Hungary), Mintal T.*

Biomechanical Effects of an ACL Injury Prevention Program on Youth Female Soccer Athletes

P04-2069 *Dragoo J. (United States of America), Thompson Julie, Silder Amy, Shultz Rebecca, Delp S.*

The Effect of Foot Position on Biomechanical Risk Factors for Anterior Cruciate Ligament Injury

P04-2074 *Dragoo J. (United States of America), Gatewood C., Thompson Julie, Silder Amy*



P04 Injury prevention

Evaluation of possible relationship between muscle torques of flexors and extensors of the knee joint and the pelvis mobility in frontal plane while running

P04-2176 *Plenzler M. (Poland), Lyson Barbara, Lukaszenko Angelina, Zielinska Aleksandra, Straszewski D., Smigielski R., Popieluch M.*

Differences in vertical drop jump performance of 10-12 year old male and female athletes.

P04-2455 *Jónsdóttir Kolbrún Vala (Iceland), Sveinsson P., Briem Kristin*

Functional evaluation using Functional Movement Screen in junior weightlifting group

P04-2457 *Kopko S. (Poland), Kopko D., Plenzler M., Chilinska-Kopko Ewelina*

Effect of injury prevention training program on kinematics of drop jump tasks: Evaluation with Landing Error Scoring System and three-dimensional kinematic analysis

P04-2523 *Morooka T. (Japan), Nakayama H., Kashiwa Kaori, Okuno Makiko, Kambara S., Iseki T., Nagura T., Yoshiya S.*

Prevention of ACL injuries in professional and amateur football – First results of the National „German ACL Registry in Football“

P04-2872 *Krutsch W. (Germany), Zellner J., Koch M., Nerlich M., Angele P.*

P05 Muscle/Tendon

Early Sports Return after Internal Bracing Achilles Tendon Repair and PRP

P05-1204 *Nyland J. (United States of America), Kalloub A., Caborn D.*

Association of characteristic ultrasonographic findings and pain score in Osgood-Schlatter disease

P05-1428 *Takata Y. (Japan), Nakase J., Numata H., Oshima T., Tsuchiya H.*

Leukocyte and Platelet-Rich Plasma for Chronic Non-Insertional Achilles Tendinopathy: Long Term Effectiveness In Athletes

P05-1500 *Guelfi M. (Italy), Pantalone A., Vanni D., Maccario Camilla, Usuelli F., Guelfi M., Salini V.*

Ultrasonographic evaluation of harvested patellar tendon in football players

P05-1527 *Tzoanos G. (Greece), Chardaloumpas D., Kalliakmanis A., Tsavalas N., Manidakis N.*

Changes in Achilles tendon viscoelastic properties in individuals with insertional tendinopathy

P05-1678 *Zellers Jennifer (United States of America), Cortes D., Grävare Silbernagel Karin*

Return to play metrics in Achilles tendon rupture: A Systematic Review

P05-1768 *Zellers Jennifer (United States of America), Carmont M., Grävare Silbernagel Karin*

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P05 Muscle/Tendon

The ability to regain normal ankle biomechanics during jumping after an Achilles tendon rupture is related to single leg heel-rise height

P05-2155 *Brorsson Annelie (Sweden), Willy R., Powell Hayley, Tranberg R., Grävare Silbernagel Karin*

Oral Administration of Losartan significantly enhances muscle regeneration and reduces fibrosis formation after Compartment Syndrome-Like Muscle Injury in a rat model

P05-2228 *Kobayashi M. (Japan), Kawakami Y., Otsuka T., Fu F., Huard J.*

Surgical Treatment of Medial Gastrocnemius Tendon Ruptures – Novel Approach to „Tennis Leg“

P05-2328 *Zaorski P. (Poland), Smigielski R., Zdanowicz Urszula, Ciszowska-Lyson Beata*

Muscle function and postural control after surgical repair of acute proximal hamstring avulsions

P05-2404 *Reuter S. (Germany), Beitzel K., Forkel P., Imhoff A., Stöcker F.*

Can genetic testing predict the risk for jumper's knee?

P05-2557 *Visnes H. (Norway), Haug Kari Bente Foss, Sivertsen E., Bahr R.*

P06 Basic science – other

The influence of trocar fenestration and volume on connective tissue progenitor cells (stem cells) in arthroscopic bone marrow aspiration from the proximal humerus

P06-1191 *McCarthy Mary Beth (United States of America), Singh H., Beitzel K., DiVenere Jessica, Imhoff A., Mazzocca A., Voss A.*

Bone Marrow Aspirate Concentrate in Animal Long Bone Healing: An Analysis of Basic Science Evidence

P06-1260 *Yasui Y. (United States of America), Gianakos Arianna, Zambrana L., Ni Amelia, Kennedy J., Lane J.*

The effect of autologous platelet rich plasma in collagenase-induced Achilles tendinopathy: An experimental study

P06-1300 *Tatari M. (Turkey), Sen B., Güler S., Akalin Elif, Bagriyanik A., Micili Serap Cilaker*

Proximal phalangeal neck fractures of the hand – a biomechanical comparison of three fixation techniques

P06-1475 *Hackl M. (Germany), Müller L., Staat M., Kahmann Stephanie Lucina, Wegmann K.*

Preliminary tribological characterization of hard ceramic thin films deposited on joint prosthesis components by means of Pulsed Plasma Deposition technique

P06-1530 *Russo A. (Italy), Ortolani A., Bianchi M., Boi M., Gambardella A., Marchiori G., Berni M., Maracci M.*


P06 Basic science – other

Positive effect of pure platelet-rich plasma on the extracellular matrix of osteoarthritic cartilage explants in the presence of IL-1 beta over a long-term dynamic culture period.

P06-1668 Vilchez F. (Mexico), Simental M., Martínez Herminia, Acosta C., Mendoza O., García R.

The effects of latent trigger points on level of pain and disability

P06-1730 Birinci Tansu (Turkey), Kaya Mutlu Ebru, Dizdar G., Razak Ozdincler Arzu

Effect of erythropoietin on biomechanical properties of Achilles tendon during healing process: an experimental study

P06-1783 Bilal Ö. (Turkey), Guney A., Kalender A.

Direct Functional Mobilization after Achilles Tendon Rupture Promotes Early Healing Response

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Safety of Nerve Blocks in Arthroscopic Knee Joint Surgery

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Does the choice of activation method affect PRP release of bioactive molecules?

P06-2181 Filardo G. (Italy), Roffi Alice, Cavallo Carlola, Merli Giulia, Mariani Erminia, Grigolo Brunella, Kon Elizaveta, Marcacci M.

The Use of Platelet-Rich and Platelet-Poor Plasma to Enhance Differentiation of Skeletal Myoblasts: Implications for the Use of Autologous Blood Products for Muscle Regeneration

P06-2345 Dragoo J. (United States of America), Miroshnychenko Olga, Chang W.

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P07 Basic science – knee

Treatment of periprosthetic tibial plateau fractures in unicompartmental knee arthroplasty: plates versus cannulated screws

P07-1007 Seeger J. (Germany), Jäger S., Schmitt H., Clarius M.

The anterior cruciate ligament-lateral meniscus complex: A histological study

P07-1043 Furumatsu T. (Japan), Kodama Y., Miyazawa S., Fujii M., Inoue H., Ozaki T.

Enzyme partial digestion promotes the cartilage fusion

P07-1280 Hsieh C. (Taiwan), Chiang H., Tsai-Wu Jyy-Jih, Jiang C.

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P07-1468 Besalduch Marina (Spain), Carrera I., Gelber Ghertner P., Monllau J., Noailly J., Chary G., Gonzalez M.

Do ethnicity and gender influence posterior tibial slope?

P07-1473 Bisicchia S. (Italy), Scordo Gavinca Maria, Prins J., Tudisco C.

The influence of injury-to-surgery interval on healing potential of human anterior cruciate ligament remnant tissue

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Aberrant Collagen Fibril Arrangement in a Rabbit Model of Arthrofibrosis

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Morphology of the Superficial Medial Collateral Ligament and Posterior Oblique Ligament

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Biological augmentation of a polyurethane meniscal substitute with mesenchymal stem cells for treatment of large meniscal defects

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Morphology of the Fibular Insertion of the Posterolateral Corner and Biceps Femoris Tendon

P07-2066 Takahashi H. (Japan), Tajima G., Kamei Y., Maruyama M., Sugawara A., Kikuchi S., Saigo T., Doita M.



P07 Basic science – knee

one-step cartilage repair with minced chondral fragments: is it possible in the hypoxic joint microenvironments?

P07-2075 Marmotti A. (Italy), Peretti G., Mattia S., Bonasia D., Bruzzone M., Dettoni F., Castoldi F., Rossi R.

Umbilical cord mesenchymal stem cells: potential candidates for bone and cartilage tissue engineering?

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Effectivity of arthroscopic Skill Acquisition in virtual reality simulator based knee arthroscopy training

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The fetal anatomy of the Knee Anterolateral Ligament

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P07-2587 Getgood A. (Canada), Arce Chantel, Welch I., Beier F., Bryant Dianne

P08 Pelvis-Hip-Groin

Surgical Indications, Treatment Options, and Outcomes for Adhesive Capsulitis of the Hip: A Systematic Review

P08-1174 Ayeni O. (Canada), de SA D., Phillips M., Catapano M., Simunovic Nicole

Alfa Angle: Measurement in cross-table XRay, correlation with Magnetic Resonance and intraoperative evaluation

P08-1193 Mardones R. (Chile), Camacho A. D.

Utility of MRI of the hip to differentiate subchondral insufficiency fracture from osteonecrosis and degenerative joint disease

P08-1267 Yasui Y. (United States of America), Gianakos Arianna, Moya-Angeler J., Haring R., Li Angela, Greditzer H., Mintz D., Lane J.

The Efficacy of Bisphosphonates with Core Decompression and Mesenchymal Stem Cells Compared with Bisphosphonates Alone in the Treatment of Osteonecrosis of the Hip: A retrospective study

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P08 Pelvis-Hip-Groin

Effect of hip braces on brake response time – an experimental study

P08-1291 *Dammerer D. (Austria), Waidmann Cornelia, Huber D., Haid C., Krismer M., Liebensteiner M.*

Osteonecrosis of Femoral Head Treated with Extracorporeal Shock Wave Therapy – A Comparative Study with Radiologic Staging –

P08-1366 *Lee B. (South Korea (ROK)), Lee J.*

Isometric, concentric and eccentric hip muscle strength in patients with femoroacetabular impingement – preliminary data from a prospective cohort study

P08-1430 *Kierkegaard Signe (Denmark), Lund B., Søballe K., Mechlenburg Inger, Dalgas U.*

Inter-observer reliability of clinical hip impingement tests

P08-1455 *Kostogiannis I. (Sweden), Pålsson A., Ageberg Eva*

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P08-1513 *Brockmeyer M. (Germany), Wirtz L., Kohn D., Dienst M., Steimer O.*

Are pelvic anatomic structures in danger during arthroscopic acetabular labral repair? Definition of safe bone depth

P08-1617 *Kocaoglu B. (Turkey), Gereli A., Silay Sena, Bayramoglu A., Karahan M.*

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P08-1828 *Turnbull T. (United States of America), Schindler B., Venderley Melanie, Mikula J., Chahla J., LaPrade R., Philippon M.*

Mesenchymal stem cells in hip arthroscopy: A prospective case control study

P08-1837 *Bajwa A. (United Kingdom), Villar R.*

Postoperative Alpha Angle Not Associated with Outcomes 5 years following Hip Arthroscopy for FAI

P08-1856 *Briggs Karen (United States of America), Soares E., Bhatia S., Philippon M.*

The Results of Arthroscopic Treatment for Pigmented Villonodular Synovitis of the Hip: Minimum 2-year follow-up

P08-1866 *Hwang D. (South Korea (ROK)), Kang C., Lee W., Noh C., Lee K., Jeon J., Kim D., Park J.*

Recreational sports and intraarticular hip injuries

P08-2169 *Mas Martinez J. (Spain), Sanz-Reig J., Bustamante Suarez de Puga D., Morales Santías M., Martínez Giménez E.*

A new clinical muscle function test for assessment of hip external rotation strength

P08-2387 *Augustsson J. (Sweden)*


P08 Pelvis-Hip-Groin

Chondral hip injury. Treatment with microfractures & biopolymer technology

P08-2472 *Erquicia J. (Spain), Ibanez M., Gelber Ghertner P., Pelfort López X., Tey M., Monllau J.*

Evaluation of hip range of motion and isometric hip pain provocation tests in patients with longstanding hip/groin pain. An inter-observer reliability study.

P08-2503 *Pålsson A. (Sweden), Kostogiannis I., Ageberg Eva*

Adductor Enthesopathy in Patients with Femoroacetabular Impingement

P08-2518 *Dimitrakopoulou Alexandra (United Kingdom), Schilders E., Kartsonaki Christiana, Cooke C.*

Capsulotomy after Arthroscopic Hip Preservation Surgery. Is the capsular closure really necessary?

P08-2601 *Ibanez M. (Spain), Monllau J., Tey-Pons M., Erquicia J., Masferrer Pino A.*

Indications and results of hip arthroscopy in 412 consecutive patients with a minimum follow-up of 6 months

P08-2608 *Papavasiliou A. (Greece), Ziogas E.*

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P08-2759 *Yiannakopoulos C. (Greece), Tzanakakis N., Chatzikomninos I., Aggelis K.*

Subchondral Acetabular Cysts on 3T MRI in Patients with FAI

P08-2784 *Briggs Karen (United States of America), Menge T., Philippon M.*

Femoroacetabular Impingement and Ischiofemoral Impingement

P08-2795 *Soares E. (United States of America), Ho C., Chacko A., Bhatia S., Chahla J., Briggs Karen, Philippon M.*

Radiographic and Arthroscopic Findings of Osteoarthritis are Associated with WOMAC Score in the Hip

P08-2825 *Briggs Karen (United States of America), Philippon M.*

1 year follow-up of 100 Patients after arthroscopic assisted mini-open approach for the treatment of femoroacetabular impingement

P08-2877 *Ezechieli M. (Germany), DeMeo F., Claaßen L., Flörkemeier T., Windhagen H., Marin Peña O., Ribas M.*

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P08-2878 *Ezechieli M. (Germany), Calließ T.*

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P09 AC-joint/Biceps tendon

A Cadaveric Assessment Of The Risk Of Nerve Injury During Open Subpectoral Biceps Tenodesis Using a Bicortical Guidewire

P09-1292 Saithna A. (United Kingdom), Longo Alison, Old J., Leiter J., MacDonald P.

Published sensitivities and specificities for physical examination tests and imaging studies based on arthroscopic assessment of the long head of biceps tendon are invalid – a systematic review

P09-1294 Saithna A. (United Kingdom), Jordan R.

Comparison of surgical outcomes between fixation with hook plate or loop suspensory fixation for acute unstable acromioclavicular joint dislocation: A systematic review and Meta-analysis

P09-1546 Arirachakaran Alisara (Thailand), Boonard M., Piyapittayanun P., Phiphobmongkol V., Kanchanatawan w., Kongtharvonskul J.

Chronic acromioclavicular joint separation: Short term results of coracoclavicular ligament reconstruction using LockDown™ (previously called the Nottingham Surgilig) a braided polyester prosthetic ligament

P09-1566 Krauss Christine (Germany), Venjakob A., Reichwein F., Nebelung W.

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P09-1679 Rosso C. (Switzerland), Müller S., Flury Rebekka, Zimmermann Simon, De Wild M., Lafosse L., Bongiorno V.

Drilling through lateral transmuscular portal lowers the risk of suprascapular nerve injury during arthroscopic SLAP repair: A cadaveric study

P09-1682 Kocaoglu B. (Turkey), Ulku K., Bayramoglu A., Sayilir Safiye, Karahan M.

Biomechanical Evaluation of Two Arthroscopic Techniques for Biceps Tenodesis: Triple Loop Suture Versus Simple Suture

P09-1780 Chechik O. (Israel), Dolkart O., Maman E., Goldstein Y., Brosh Tamar, Gigi R.

Anatomic reconstruction of unstable acromioclavicular joint injuries arthroscopy-assisted: quality of life comparison between patients managed in the acute setting versus patients managed in the chronic setting.

P09-1904 Natera L. (Spain), Boccolini H., Sarasquete J.

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P09-2138 Yiannakopoulos C. (Greece), Foufa Konstantina, Tzanakakis N.

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P09-2411 Sarasquete J. (Spain), García Londoño Á., Natera L., Ibarra García D., Vidal A.


P09 AC-joint/Biceps tendon

Arthroscopic treatment of acromioclavicular injuries: Results and complications

P09-2417 Lima Santos F. (Spain), Pereira R., Oliveira M., Frias M., Aleixo C., Mendes R., Sarmiento A., Lourenço P.

Fixation of acute distal biceps tendon ruptures: a retrospective clinical evaluation

P09-2720 Frias M. (Portugal), Oliveira M., Santos Pereira R., Torres T., Costa A., Lourenço P.

Arthroscopic Soft Tissue Versus Bony Biceps Tenodesis with Subscapularis Repair: A Matched-Pair Comparative Study

P09-2857 Jang S. (South Korea (ROK)), Jang H., Choi S., Park J., Choi M.

P10 Shoulder – degenerative

Sports and Work Related Outcomes after Shoulder Hemiarthroplasty

P10-1383 Garcia G. (United States of America), Mahony G., Fabricant P., Wu H., Dines D., Craig E., Gulotta L.

Malnutrition: A Marker for Increased Complications, Mortality, and Length of Stay After Total Shoulder Arthroplasty

P10-1384 Garcia G. (United States of America), Fu M., Dines D., Craig E., Gulotta L.

Assessment of Approximate Glenoid Size in Thai People

P10-1666 Phonphok P. (Thailand), Kulkamthorn N.

Survivorship after Arthroscopic Management of Glenohumeral Osteoarthritis with a Minimum 5 year Follow-up

P10-2030 Mitchell J. (United States of America), Horan Marilee P., Greenspoon J., Menge T., Tahal D., Millett P.

Two-Year Outcomes following Arthroscopic Treatment for Snapping Scapula Syndrome

P10-2058 Menge T. (United States of America), Horan Marilee P., Mitchell J., Tahal D., Millett P.

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P11 Shoulder – instability

Clinical And Functional Outcomes Of Arthroscopic Bankart Repair Using Knotted Anchors Versus Knotless Anchors

P11-1015 Goyal A. (India), Mehta N., Jain V., Joshi D., Chaudhary D.

Prospective analysis of long term clinical results in arthroscopic repair of Bankart with associated lesions in wrestlers

P11-1018 Goyal A. (India), Mehta N., Jain V., Joshi D., Chaudhary D.

Arthroscopically-Assisted Latarjet: an easy and reproducible technique for improving the accuracy of graft and screw placement

P11-1301 Taverna E. (Italy), Guarrella V., Garavaglia G.

Estimation of societal costs following nonoperative treatment of shoulder instability in the Netherlands.

P11-1356 van der Linde J. (Netherlands), van den Bekerom M., van Deurzen D., Saris D.

3D CT Preoperative planning of screw length in arthroscopic Latarjet

P11-1381 Hardy A. (France), Loriaut P., Gerometta A.

Rehabilitation following arthroscopic soft tissue repair in patients with anterior shoulder instability; what is the evidence? A systematic review

P11-1422 van den Bekerom M. (Netherlands), Brand Heleen, van der Linde J., van Deurzen D.

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P11-1550 Laver L. (United States of America), Boyle M., Templeton Erika, Vovos T., Owusu-Akyaw K., Taylor D.

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P11-1711 Rodaix Camille (France), Charousset C.

Prospective comparative assessment of outpatient surgery safety in Latarjet procedure for shoulder stabilization: immediate postoperative outcomes and at 1-year follow-up

P11-1717 Bohu Y. (France), Klouche S., Gerometta A., Herman Serge, Lefevre N.

Comparison of long-term results using absorbable and non-absorbable anchors in patients with recurrent anterior instability of the shoulder

P11-1751 Khasanshin M. (Russian Federation), Korolev A., Ilyin D., Logvinov A.

Does the relative size of the humeral head and glenoid cavity affect the risk of shoulder instability?

P11-1793 van den Bekerom M. (Netherlands), Bouma Rosalie, Willigenburg Nienke, Scholtes Vanessa, van der Hulst V., van Deurzen D.


P11 Shoulder – instability

Clinical results of arthroscopic repair for anterior shoulder instability with capsular tear and/or humeral avulsion of the glenohumeral ligaments lesion

P11-1802 Tsuchiya S. (Japan), Sakai T., Hiraiwa H., Hamada T., Oda T., Yamashita S., Miyamoto K., Ishiguro N.

Arthroscopic Bankart procedure with modified Hill-Sachs-Remplissage for recurrent antero-inferior instability without substantial glenoid bone loss

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International survey and surgeon's preferences in diagnostic work-up towards surgical treatment of anterior shoulder instability

P11-1854 Weel Hanneke (Netherlands), Krekel P., van den Bekerom M., van Deurzen D.

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P11-2147 Yiannakopoulos C. (Greece), Tzanakakis N., Aggelis K.

The 3D printed patient-specific glenoid as an intraoperative tool for surgical planning in chronic anterior shoulder instability

P11-2151 Yiannakopoulos C. (Greece), Tzanakakis N., Foufa Konstantina

Anchor Arthropathy of the Glenohumeral Joint after Arthroscopic Labral Repair

P11-2162 van Dijk P. (Netherlands), Wong J., Vopat B., Palmer W., Reinart S., Sanchez G., Provencher M.

Arthroscopic extra-articular stabilization of patients after a failed primary open extra-articular stabilization procedure

P11-2372 Miyake S. (Japan), Izaki T., Shibata Y., Sakurai M., Kuroda D., Naito M.

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P11-2398 Delgrande D. (France), Ciais G., Klouche Shahnez, Hardy P.

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P11-2490 Blasiak A. (Poland), Brzoska R., Solecki W., Mojzesz M., Grzegorzewski A.

Preoperative evaluation based on Isis scale. Is it a good tool to assess the failure after arthroscopic repair?

P11-2533 Peces Garcia E. (Spain), Marin Aguado M., Valencia Garcia H., Gavin Gonzalez C.

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**P11 Shoulder – instability**

3D quantification of humeral head bone loss in patients affected by anterior shoulder instability. A reliability study.

P11-2712 *Saccomanno Maristella Francesca (Italy), Capasso L., Sircana G., Dell'Atti Claudia, Magarelli N., Milano G.*

Is Miniopen Latarjet Procedure a Valuable Option in Terms of Quality of Life at Long Terms Follow-up?

P11-2718 *Barth J. (France), Saffarini M.*

A Novel Diagnostic Method to Assess the Interaction of Bony Lesions in Recurrent Anterior Shoulder Instability

P11-2767 *Weel Hanneke (Netherlands), Krekel P., Willems W., van Deurzen D.*

Is 2D CT-scan analysis reliable and reproducible, for coracoid graft positioning after Latarjet procedure?

P11-2770 *Barth J. (France), Neyton L., Métais P., Panisset J., Walch G., Lafosse L.*

A pre-existing smaller gleno-humeral joint in patients with anterior shoulder instability?

P11-2778 *Weel Hanneke (Netherlands), Krekel P., Willems W., van den Bekerom M., van Deurzen D.*

Associated pathologies following luxatio erecta humeri: a retrospective analysis of 31 cases and diagnostic algorithm

P11-2780 *Ostermann R. (Austria), Schanda J.*

Classification and analysis of attritional glenoid bone loss in recurrent anterior shoulder instability

P11-2797 *McNeil J. (United States of America), Beaulieu-Jones B., Bernhardson A., LeClere L., Dewing C., Golijanin P., Provencher M., Lynch J.*

Arthroscopic management of recurrent anterior shoulder instability

P11-2824 *Brlakis E. (Greece), Deligeorgis A., Mataragas E., Chiotis I., Antonogiannakis E.*

Reconstruction of anterior sternoclavicular joint (SCJ) instability using a tendon autograft.

P11-2842 *Rathcke M. (Denmark), Krogsgaard M.*


P12 Shoulder – rotator cuff

Arthroscopic rotator cuff repair: prospective clinical evaluation of bioabsorbable threaded anchors versus all-suture soft anchors

P12-1053 *Azevedo Clara (Portugal), Vinga Susana, Rodeia J., Angelo Ana Catarina, Sobral L.*

Does ultrasound guided regional anathesia affect the outcome of shoulder arthroscopic surgery?

P12-1261 *Othman A. (Egypt)*

Effect of rotator cuff repair tension on the cuff integrity after arthroscopic rotator cuff repair

P12-1295 *Takeda Y. (Japan), Fujii K., Miyatake K.*

Extracorporeal shockwaves therapy, ultrasound-guided percutaneous lavage for the treatment of rotator cuff calcific tendinopathy: systematic review and meta-analysis of comparative studies

P12-1339 *Airachakaran Alisara (Thailand), Boonard M., Yamaphai S., Prommahachai A., Kesprayura S., Kongtharvonskul J.*

Role of platelet-rich plasma in rotator cuff tendinopathy. Preliminary results.

P12-1420 *Vaquerizo V. (Spain), García Marta, Gamo Miriam, Pareja J., Benito E., Sánchez Elena*

The Effects of Arthroscopic Lateral Acromioplasty on the Critical Shoulder Angle and the Anterolateral Deltoid Origin: An Anatomical Study

P12-1507 *Turnbull T. (United States of America), Katthagen J., Marchetti D., Tahal D., Millett P.*

Can grafts provide superior tendon healing and clinical outcomes for rotator cuff repairs? A meta-analysis.

P12-1511 *Ono Y. (Canada), Dávalos Herrera D., Woodmass J., Boorman R., Thornton Gail, Lo I.*

Critical postoperative time for rotator cuff healing and re-tear predisposing risk factors. Retrogression curve type of diagram on cuff integrity over time

P12-1545 *Barth J. (France), Andrieu K., Fotiadis E., Barthélémy R., Genna Sophie, Saffarini M.*

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P12-1549 *Morsy M. (Egypt), El Sheik M.*

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P12 Shoulder – rotator cuff

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P12 Shoulder – rotator cuff

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**P12 Shoulder – rotator cuff**

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P13-1659 *Bexkens R. (Netherlands), van den Ende Kim, Ogink P., van den Bekerom M., Eygendaal Denise*

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P13-1786 *Perera P. (Sri Lanka)*

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P13-2757 *Tállay A. (Hungary), Szakács Noémi, Noé Judit, Lohner B., Halasi T.*

**P14 Basic science – shoulder**

Platelet Rich Plasma Fibrin Clot as a Scaffold for Mesenchymal Stem Cell Proliferation and Delivery in Rotator Cuff Repair Surgery

P14-1190 *McCarthy Mary Beth (United States of America), DiVenere Jessica, Cote M., Allen D., Beitzel K., Imhoff A., Mazzocca A., Voss A.*

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P14-1849 *Rahu M. (Estonia), Kolts I., Põldoja Helle, Kask K.*

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P14-2781 *Croutzet P. (France), Guinand R., Kany Jean*

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P14-2847 *Jang S. (South Korea (ROK)), Kim Y., Hong Oak-Kee, Kim J., Bang Sol-Hee*



P15 Knee – osteotomy

Biomechanical Properties of a New Anatomical Locking Metal Block Plate for Opening Wedge High Tibial Osteotomy: Uniplane Osteotomy

P15-1241 *Nha K. (South Korea (ROK)), Chang Y., Kim Y., Ko H., Park H., Yoon H.*

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P15-1367 *Lee B. (South Korea (ROK)), Wang J.*

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P15-1368 *Lee B. (South Korea (ROK)), Wang J.*

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P15-1672 *Inoue K. (Japan), Adachi K., Nagamachi A., Tamaki Y., Takeuchi M., Omichi Y.*

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P15-1714 *Yoon G. (South Korea (ROK)), Choi C., Jeon S.*

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P15-1825 *Venjakob A. (Germany), Krauss Christine, Reichwein F., Nebelung W.*

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P15-2083 *Han J. (South Korea (ROK)), Song J., Yang J., Kim D., Byun Y., Nha K.*

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P15 Knee – osteotomy

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P15-2223 Park S. (South Korea (ROK))

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P16 Knee – joint replacement

Cementless Total Knee Arthroplasty is Great Option for Young Patient

P16-1067 *Amr O. (United Arab Emirates), Tarabichi S., Alrefaee A., Elnaggar A.*

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Evaluation of Anteroposterior Kinematics during Cruciate-Retaining Total Knee Arthroplasty

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P16-1279 *Ahn J. (South Korea (ROK)), Lee S., Kang H.*

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P16 Knee – joint replacement

Cement Layer May Impact Tibial Component Alignment and Joint Gap during Total Knee Arthroplasty

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P16 Knee – joint replacement

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P16 Knee – joint replacement

Effect of Ethnic Variations on Length of Stay after Total Knee Replacement

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P16-1862 *Tsakada S. (Japan), Wakui M.*

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P16-1868 *Cho S. (South Korea (ROK)), Youm Y., Cho H.*

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P16-1876 *Pinsomsak P. (Thailand)*

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P16-1879 *Koh I. (South Korea (ROK)), In Y., Kim M., Jang S., Choi Y., Han S.*

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P16-1895 *Høvik Ø. (Norway), Amlie E.*

The Patient's Perception Does Not Differ Following Subvastus and Medial Parapatellar Approaches in Total Knee Arthroplasty: A Simultaneous Bilateral Randomized Study

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P16-1908 *Vasso M. (Italy), Del Regno Chiara, Perisano C., Schiavone Panni A.*

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P16-1923 *Hirschmann M. (Switzerland)*

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P16-1927 *de Villiers Danielle (United Kingdom), Hirschmann M., Murer M.*

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P16-1943 *Kim Y. (South Korea (ROK)), Joo Y., Kang C., Lee W., Jeon J., Park I., Lee K.*


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P16-2031 Machado Sara (Portugal), Rodrigues P., Almeida Pinto Isabel, Pinto R., Marta M., Ribeiro de Oliveira P.

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P16-2096 Sciarretta F. (Italy), Chiazzolla F.

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P16-2107 Madadi F. (Iran)

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A physiological roll-back of a kinematic-retaining knee prosthesis promotes fast postoperative functional recovery

P16-2194 Barlow I. (United Kingdom), Harvey A., Innocenti M., Carulli C.

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P16 Knee – joint replacement

Semimembranosus Release for Soft Tissue Balancing does not weaken Knee Flexion Strength in Varus TKA.

P16-2206 Choi Y. (South Korea (ROK)), In Y., Koh I., Kim M., Jang S.

Sport and Physical Activity Following Unicompartmental Knee Arthroplasty: A Systematic Review of the Literature

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P16 Knee – joint replacement

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Improved Outcomes with Constitutionally Aligned and Accurately Balanced Soft Tissues without Ligament Releases in Total Knee Arthroplasty (TKA)

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P17 Knee – conservative treatment

Walking ALteration for Knee Osteoarthritis, the WALK-study. A proof of concept study on gait parameters and clinical outcome.

P17-1145 *Tolk J. (Netherlands), Brooijmans F., Runhaar J., Bierma-Zeinstra S.M.A., Reijnen M., Janssen R.*

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P17-1669 *Vilchez F. (Mexico), Simental M., Martínez Herminia, Acosta C., Mendoza O., Said S.*

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P17-1732 *Filardo G. (Italy), Di Matteo B., Di Martino A., Cavicchioli Alessia, Raspugli G., Nitri M., Kon Elizaveta, Marcacci M.*

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The Long-term Effects of Kinesio Taping on Pain, Muscle Strength and Function in Patients with Knee Osteoarthritis: A Randomized Controlled Clinical Trial

P17-2462 *Kaya Mutlu Ebru (Turkey), Mustafaoglu R., Birinci Tansu, Razak Özdingler Arzu*

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P18 Knee – patellofemoral

The Correlation between Knee Version and Tibial Tuberosity Trochlear Groove distance in Patients with Patellofemoral Pain and Instability

P18-1022 *Elgeidi A. (Egypt), Elsallab R., Youssef F.*

Anisometry of Medial Patellofemoral Ligament Reconstruction in the Setting of Patella Alta and Increased Tibial Tubercle-Trochlear Groove (TT-TG) Distance

P18-1120 *Strickland Sabrina (United States of America), Redler Lauren, Meyers Kathleen, Munch J., Nguyen J., Dennis Elizabeth, Shubin Stein Beth*

Anterior pain after total knee arthroplasty (with or without patellar resurfacing): Evaluation of patellofemoral joint with the traditional axial radiographic views and a new weight – bearing axial radiographic views – clinic correlation

P18-1218 *Leite Luciana (Portugal)*

The efficacy of medial patellofemoral ligament reconstruction combined with tibial tuberosity transfer in the treatment of patellofemoral instability: a systematic review

P18-1231 *Boutefnouchet T. (United Kingdom)*

Influence of Age on Clinical Outcomes of Three-Dimensional Transfer of the Tibial Tuberosity for Patellar Instability with Patella Alta

P18-1312 *Otsuki S. (Japan), Okamoto Y., Murakami T., Iida G., Neo M.*

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P18-1328 *Nouri A. (Ireland), Campbell Jane, Murray P.*

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P18-1425 *Alm Lena (Germany), Akoto R., Heitmann M., Krause M., Frosch K.*

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P18-1440 *Strickland Sabrina (United States of America), Liu J., Mintz D., Nguyen J., Munch J., Shubin Stein Beth*

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P18-1569 *Manzotti A. (Italy), Cerveri P., Confalonieri N.*

Short-Term Clinical Results of Anteromedial and Distal Transfer of Tibial Tuberosity for Treatment of Recurrent Patellar Dislocation With Patellar Alta

P18-1620 *Tsuda E. (Japan), Yamamoto Y., Naraoka T., Kimura Yuka, Fujita Yuki, Ishibashi Y.*

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P18-1655 Snow M. (United Kingdom), Imam M., Kowalski T., Arealis G., Singh A.

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Outcomes of Patellofemoral Arthroplasty Based on Radiographic Severity

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P18-2036 *Sanchis-Alfonso V. (Spain), Ramirez-Fuentes Cristina, Montesinos-Berry E., Domenech-Fernandez J., Martí-Bonmatí L.*

How to address patellofemoral instability in the young athlete? – A long-term analysis

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P18-2097 *Paschos N. (United States of America), Lim Nikita, Hu J., Athanasiou K.*

The accuracy of pre-operative planning for patellofemoral arthroplasty

P18-2108 *Saffarini M. (Switzerland), Muller J., Toanen Cécile, Cho Kyung Jin, Erasmus P., Dejour D.*

A Quasi-Anatomical Reconstruction of the Medial Patellofemoral Ligament with Gracilis Tendon Autograft

P18-2164 *Monllau J. (Spain), Gelber Ghertner P., Sanchis-Alfonso V., Angel M., Pérez-Prieto D.*

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P18-2178 *Bottegoni C. (Italy), Dei Giudici L., Gigante A.*

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P18-2316 *Hiemstra Laurie (Canada), Kerslake Sarah, Lafave M.*

Standardized distalization and medialization of tibial tuberosity for the treatment of patella alta and potential patellar instability

P18-2330 *Dei Giudici L. (Italy), Enea D., Fravisini M., Gigante A., Canè P.*

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Patellofemoral arthroplasty conversion to total knee arthroplasty: retrieval analysis and clinical correlation

P18-2349 *Strickland Sabrina (United States of America), Christ A., Baral Elexis, Koch Chelsea, Shubin Stein Beth, Gonzalez Della Valle A.*

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P18-2384 *Dammerer D. (Austria), Kujala U., Liebensteiner M., Emmanuel Katja, Kopf S., Giesinger J., Dirisamer F.*

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P18-2389 *Prejbeanu R. (Romania), Haragus H., Balanescu A., Vermesan D.*

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MPFL reconstruction in cases of torsional femoral deformities – a biomechanical study

P18-2399 *Kaiser P. (Austria), Schmölz W., Schöttle P., Heinrichs C., Attal R.*

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P18-2408 *Johansson Anna (Sweden), Biesert Maria, Roberts D., Kostogiannis I.*

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P18-2415 *Shimizu S. (Japan), Kubota R., Ogawa T.*

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P18-2646 *Hiemstra Laurie (Canada), Lafave M., Kerlake Sarah*


P18 Knee – patellofemoral

Biomechanical properties as well as radiological changes in patellar position using the fascia lata in comparison to the gracilis tendon as an autograft for reconstruction of the MPFL

P18-2665 *Hauptert A. (Germany), Zumbansen N., Kohn D., Lorbach O.*

Biomechanical And Clinical Results Of Synthetic vs. Biological Medial Patellofemoral Ligament Reconstructions

P18-2673 *Sharma A. (United Kingdom), Lee P., Chandratreya A.*

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P18-2724 *Saccomanno Maristella Francesca (Italy), Benea Andreea, Sircana G., Milano G., Cerulli G.*

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P18-2779 *Snow M. (United Kingdom), Imam M., Sallam A., Anley C.*

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P18-2801 *Iosifidis M. (Greece), Eftychiakos N., Apostolidis K., Tsatalas T., Sideris V., Giakas I., Metaxiotis D., Kyriakidis A.*

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P18-2807 *Iosifidis M. (Greece), Iliopoulos E., Apostolidis K., Eftychiakos N., Tsatalas T., Sideris V., Giakas I., Kyriakidis A.*

A Comparison of Two-Dimensional vs. Three-Dimensional Measurements of Patellar Tendon Length as a Measure of Patellar Instability

P18-2860 *Branch T. (United States of America), Stinton S., deJarnette N.*

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P18-2875 *Valkering K. (United Kingdom), Rajeev Aysha, Kader D.*

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P19 Knee – PCL/Multiligament

Tunnel Volume Enlargement After Posterior Cruciate Ligament Reconstruction: Comparison of Achilles Allograft With Mixed Autograft/Allograft

P19-1233 *Kwon J. (South Korea (ROK)), Suh D., Nha K.*

Arthroscopic posteromedial drive-through test in posterior cruciate ligament insufficiency: a new diagnostic test

P19-1242 *Nha K. (South Korea (ROK)), Chang Y., Kim Y., Ko H., Park H., Yoon H.*

Anatomical Reconstructions In Patients With Multiple-Ligament Injuries And Symptomatic Instability Of The Knee

P19-1269 *Fornell Pérez S. (Spain), Barrena Sanchez P., Arias Granada*

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P19-1275 *Gali J. (Brazil), Gonzalez Nassar S., Cintra da Silva P.*

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P19-1486 *Espinoza G. (Chile), Carredano X., Arellano S., Montenegro D., Lizama P., Tuca Maria, Espinoza G.*

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Biomechanical Properties Of Different Open And Arthroscopic Fixation Techniques For PCL Avulsion Fractures

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P19-1618 *Tompkins M. (United States of America), Chen F., Bechtold Joanie*

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P19-1765 *Yonetani Y. (Japan), Tanaka Y., Kinugasa K., Nakamura N., Hamada M., Horibe S.*

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P20-1019 Goyal A. (India), Mehta N., Jain V., Joshi D., Chaudhary D.

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P20-1405 Azab M. (Egypt), Elrakaybi M., Ali Enjie


P20 Knee – ACL clinical I

Femoral tunnel enlargement after anterior cruciate ligament reconstruction is associated with tunnel placement

P20-1483 *Irrazaval S. (United States of America), Vernacchia Cara, Thorhauer E., Tashman S., Irrgang J., Fu F.*

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P20-1601 *Soni A. (United States of America), Rahneimai-Azar A., Abebe E., Johnson P., Labrum J., Irrgang J., Fu F., Musahl V.*

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P20-1627 *Gokeler A. (Netherlands), Schneider D., Otten E., Ford K., Hewett T., Divine J., Heidt R., Myer G.*

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P20-1652 *Lefevre N. (France), Klouche S., de Pamphilis O., Gerometta A., Herman Serge, Bohu Y.*

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P20-1705 *von Essen C. (Sweden), Barenius B., Eriksson K.*

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P20-1758 *Egloff C. (Switzerland), Huber L., Wurm M., Pagenstert G.*

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Endoscopic-assisted Harvesting of the Hamstring Tendons. Description and Validation of a New Surgical Technique

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P20-2338 *Lutz C. (France), Gerometta A., Herman S., Lefevre N., Thoreux Patricia, Bohu Y., Khiami F., De Traumatologie du Sport S.*


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P21 Knee – ACL clinical II

Augmented short and undersized hamstring tendon graft with artificial ligament versus four-strand hamstring tendon in anterior cruciate ligament reconstruction (early results)

P21-1039 *Hamido F. (Kuwait)*

Does Concomitant Meniscus Injury in Anterior Cruciate Ligament Reconstruction Lead To Poorer Postoperative Outcomes?

P21-1050 *Singh A. (Singapore), Thiam Wei D., Goyal S., Tan Cheryl, Krishna L.*

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Influence of Posterior Tibial Slope on Stability and Second-Look Arthroscopic Findings after Anterior Cruciate Ligament Reconstruction

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A Comparative Study on the Postoperative Outcomes of ACL Reconstruction with Remnant Preservation According to the Volume of ACL Remnant

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P21 Knee – ACL clinical II

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Double bundle anatomic Anterior Cruciate Ligament reconstruction: Do or Don't restore the ACL volume?

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P21 Knee – ACL clinical II

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P21-2434 *Seo Y. (South Korea (ROK)), Song S., Kim Y.*

Evolution of partial injury with conservative treatment of ACL

P21-2459 *Peces-García E. (Spain), Valencia-García H., Moya-Guijarro D., Gavín-González C., Chozas-Muñoz A.*

Return to sport following anterior cruciate ligament reconstruction in elite athletes: a systematic review and meta-analysis

P21-2483 *Webster Kate (Australia), Lai C., Ardern Clare, Feller J.*

Lower volume of the intercondylar notch is related to the risk of anterior cruciate ligament rupture.

P21-2556 *van Kuijk K. (Netherlands), Reijman M., Meuffels D.*

Quadriceps Tendon ACL Reconstruction in Elite Rugby Players

P21-2566 *Erasmus P. (South Africa)*

Transtibial versus anteromedial technique in ACL reconstruction: a comparison of the results with triaxial accelerometer XXX.

P21-2581 *Berruto M. (Italy), Parente A., Ferrua P., Uboldi F., Pasqualotto S., Usellini Eva*

One stage revision single-bundle ACL reconstruction with impacted morselized bone graft after a failed double-bundle reconstruction with considerable bone defect

P21-2582 *Ra H. (South Korea (ROK)), Ha J., Chung K., Kim J., Hwang D.*

Outcomes of revision anterior cruciate ligament reconstruction at a minimum 7-Year follow up: Analysis of a continuous cohort of 51 patients using a navigation system.

P21-2590 *Plaweski S. (France), Saragaglia D.*

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P21-2596 *Gil Gonzalez S. (Spain), Baggio L., Guillen Alvaro J., Barra Gonzalez X., Garrucho Vicente M., Cruz Olive E.*

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P21 Knee – ACL clinical II

Clinical outcome after Implant Free ACL Reconstruction using Quadruple hamstring tendon graft

P21-2650 *Farouk H. (Egypt)*

Outcomes of combined ACL and MPFL Reconstructions in Patients with symptomatic ACL Deficiency and Patellofemoral Instability

P21-2660 *Hiemstra Laurie (Canada), Heard S., Buchko G., Kerslake Sarah, Lafave M.*

Anatomic Single-Bundle Anterior Cruciate Ligament (ACL) Reconstruction with intraoperative restoration of abnormal tibiofemoral position restores knee joint biomechanics and function to normal levels.

P21-2674 *Zampeli Franceska (Greece), Giotis D., Bernard M., Pappas E., Georgoulis A.*

Comparison between anteromedial (AM) vs. Transtibial (TT) technique in anterior cruciate ligament (ACL) reconstruction. A study with Magnetic resonance imaging(MRI).

P21-2683 *Casaccia M. (Spain), Minguell J., Castellet E., Reverte Merce, Joshi Nayana, Aguilar M.*

Increased posterior tibial slope as a novel risk factor for (recurrent) failure after ACL-reconstruction.

P21-2704 *Aboalata M. (Egypt), Halawa A., Eltair H., Imhoff A., Brucker P.*

Anatomic Single-Bundle Anterior Cruciate Ligament (ACL) Reconstruction prevents functional loss of knee extension; A prospective in vivo study.

P21-2725 *Zampeli Franceska (Greece), Giotis D., Bernard M., Pappas E., Georgoulis A.*

Extended-Duration Thromboprophylaxis after ACL Reconstruction: A Prospective Randomized Study

P21-2758 *Chouliaras V. (Greece), Kavalaris G., Vergi Vasiliki, Kaliardas S., tsagou Vasiliki*

Does Evaluation Of Knee Flexors Strength Provide Sufficient Information To Assess Hamstrings' Viability after Double-Bundle ACL Reconstruction?

P21-2774 *Plenzler M. (Poland), Popieluch M., Staniszewski M., Zdanowicz Urszula, Smigielski R.*

Clinical results of secondary performed iliotibial tenodesis in reduction of a residual rotatory instability in patients after anterior cruciate ligament reconstruction.

P21-2802 *Cholewinski J. (Poland), Kubiak A., Ranosz P., Ficek K., Wiatr A.*

Quantifying the femoral tunnel positioning in acl-reconstruction-comparison of the Bernhard-Hertel-grid against a new method using the button position on the lateral femoral cortex

P21-2815 *Rudolph Jennifer (Germany), Haas H., Müller-Stromberg J., Schemmann D.*

Inter-rater reliability of Functional Testing following ACL and MPFL Reconstruction Surgeries

P21-2817 *Hiemstra Laurie (Canada), Heard S., Buchko G., Kerslake Sarah, Lafave M.*


P22 Knee – cartilage

Sensitivity Of Magnetic Resonance Imaging Versus Arthroscopy As Gold Standard In Diagnosis Of Chondral Lesions Of The Knee In Adults

P22-1016 Goyal A. (India), Mehta N., Jain V., Joshi D., Chaudhary D.

A local adherent method of mesenchymal stem cells autologous transplantation for regenerative restoration of articular cartilage: preclinical research and first clinical results.

P22-1090 Bukach D. (Belarus), Eismont O., Isaikina Yanina

All-arthroscopic AMIC-aided Repair of a Patellar Cartilage Defect using Dry Arthroscopy and a Retraction System

P22-1093 Wiewiorski M. (Switzerland), Kosmalka Lidia, Sadlik B.

Does augmentation by hyaluronic acid or platelet rich plasma affect the outcome after arthroscopic treatment of osteoarthritis of the knee?

P22-1143 Othman A. (Egypt)

Early Versus Delayed Weight-Bearing Following Microfracture Surgery: A Systematic Review of Outcomes and Complications

P22-1179 Ayeni O. (Canada), de SA D., Thornley P., Niroopan G., Simunovic Nicole, Farrokhyar Forough, Peterson D., Musahl V.

Relationship between Tibial Spine Size and the Occurrence of Osteochondritis Dissecans: An argument in favor of the Impingement Theory

P22-1417 Cavaignac E. (France), Perroncel G., Accadbled f., Sales de Gauzy J.

Unique Anatomical Feature of the Posterior Cruciate Ligament in the Knee Associated with Osteochondritis Dissecans

P22-1501 Ishikawa M. (Japan), Adachi N., Yoshikawa M., Nakamae A., Ikuta Y., Hayashi S., Deie M., Ochi M.

The Use of a Hollow Awl Leads to More Robust Blood Clot by Forming Patent Marrow Channels During Bone Marrow Stimulation for Cartilage Repair

P22-1583 Chung J. (South Korea (ROK)), Min B., Cho J., Lee D., Song H., Park D., Im S., Yoon J.

Treatment of osteochondral lesions in the knee using a cell-free scaffold

P22-1588 Verdonk P. (Belgium), Dhollander A., Almqvist F., Verdonk R., Victor J.

Clinical and MRI Outcome of an Osteochondral Scaffold Plug for the Treatment of Cartilage Lesions in the Knee

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One step surgery with a biomimetic scaffold to treat osteochondral patellar lesions: prospective study at 2 years of follow-up.

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Accuracy of MRI and standing radiographs compared with arthroscopic findings in knee osteoarthritis, and study of radiologic significance of articular joint width.

P22-1857 Muñoz-García Nuria (Spain), Cordero-Ampuero J., Madero-Jarabo Rosario

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P22-1878 Yabumoto H. (Japan), Nakagawa Y., Mukai S., Saji T.

Two-year clinical and radiological outcomes of a prospective randomised trial investigating an accelerated return to full weight bearing after matrix-induced autologous chondrocyte implantation.

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Electromechanical properties of articular cartilage: a reliable method to assess allograft quality and performance in vivo

P22-1938 Mickevicius T. (Lithuania), Pockevicius A., Kucinskas A., Gudas R., Maciulaitis J., Usas A.

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P22-2123 Ryd L. (Sweden), Schell Hanna, Jung T., Duda G.

Autologous cartilage chip implantation improves cartilage repair tissue quality in osteochondral defects

P22-2163 Christensen B. (Denmark), Foldager C., Olesen M., Hede K., Lind M.

Osteochondral regeneration by transplanting adipose-derived stem cells

P22-2167 Numata H. (Japan), Nakase J., Oshima T., Takata Y., Tsuchiya H.

Cartilage tissue engineering from nose to knee: a Phase 1 Clinical Trial

P22-2174 Mumme M. (Switzerland), Barbero A., Wixmerten Anke, Miot Sylvie, Pagenstert G., Schwamborn T., Martin I., Jakob M.

Retrospective Cohort Study of 207 cases of Osteochondritis Dissecans of the Knee: Risk Factors and Outcomes Associated with Surgical Treatment

P22-2205 Tuca Maria (United States of America), Arbucci J., Silberman J., Luderowski Eva, Upstrom T., Nguyen J., Green D.


P22 Knee – cartilage

A new method for curved knee articular surface repairs with high accuracy

P22-2259 *Li J. (United Kingdom), Shetty A., Clarke Susannah, Cobb J., Amis A.*

Influence of platelet concentration in the response to treatment with platelet-rich plasma in patients with knee osteoarthritis

P22-2267 *Palazón-Banegas M. (Spain), Lajara-Marco F., Boix-Ballester A., Mira-Viudes V., Garcia-Galvez A., Lozano-Requena J.*

Clinical results 10 years after AMIC in the knee

P22-2278 *Kaiser Nadine (Switzerland), Jakobi M., Kusano T., Jakob R., Gautier E., Petek D.*

Lidocaine concentration drop after an intra-articular injection. Preliminary data from patients undergoing knee arthroscopy.

P22-2381 *Drobnic M. (Slovenia), Ravnihar K., Alibegovic A., Mars T., Kozelj Gordana*

Autologous matrix-induced chondrogenesis procedure for isolated patellofemoral cartilage: Short-term clinical and MR imaging correlation

P22-2393 *Joshi-Jubert Nayana (Spain), Reverté-Vinaixa M Mercè, Domingez-Oronoz Rosa, Piontek T., Peña D., Casaccia M., Minguell-Moñart J., Castellet-Feliu E.*

MR imaging at five years follow-up after treatment of patellofemoral cartilage defects with synthetic resorbable scaffolds: still controversy regarding the integration of the implant

P22-2433 *Joshi-Jubert Nayana (Spain), Peña D., Reverté-Vinaixa M Mercè, Domingez-Oronoz Rosa, Ventura D., Casaccia M., Minguell-Moñart J., Castellet-Feliu E.*

Could a biomimetic osteochondral scaffold be a reliable alternative to prosthetic surgery in treating late-stage SPONK?

P22-2474 *Berruto M. (Italy), Ferrua P., Pasqualotto S., Uboldi F., Usellini Eva, Delcogliano M.*

Comparing PRP with high molecular weight hyaluronic acid (HMWHA) injections for end career athletes with degenerative cartilage lesions of the knee.

P22-2562 *Papalia R. (Italy), Franceschi F., Tecame A., Vasta S., Zampogna B., Franceschetti E., Maffulli N., Denaro V.*

The Detectability of the Early Cartilage Lesions Using Three-dimensional and Two-dimensional T1rho Mapping

P22-2572 *Ogawa M. (Japan), Uematsu K., Tanaka K., Inagaki Y., Hara R., Kumai T., Tanaka Y.*

Three Years Follow-up after Mesenchymal Stem Cells Implantation for Cartilage Lesions

P22-2716 *Iosifidis M. (Greece), Kyriakidis T., Michalopoulos E., Chatzistamatiou T., Papasavvas A., Tsitouridis I., Stavropoulou Ekaterini, Kyriakidis A.*

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P22-2810 *Ronga M. (Italy), Stissi P., Angeretti Gloria, Genovese E., Cherubino P.*



P23 Knee – meniscus

Failed meniscal repair: Is it worth considering revision repair

P23-1047 *Soni A. (United States of America), Tadross D., Venkatesh R.*

Minimum two-year outcomes of ACL reconstruction associated with bimeniscal repair

P23-1147 *Pujol N. (France), Boisrenoult P., Beaufills P.*

Long-term outcomes of meniscal repair of horizontal cleavages

P23-1159 *Pujol N. (France), Boisrenoult P., Beaufills P.*

Comparison of the Insertion of the Posterior Horn of the Lateral Meniscus: Discoid versus Non-discoid

P23-1183 *Choi N. (South Korea (ROK)), Jung Y., Yang B.*

Radiographic evaluation of complete and incomplete discoid lateral meniscus

P23-1230 *Nha K. (South Korea (ROK)), Chang Y., Kim Y., Ko H., Park H., Yoon H.*

Does Decreased Meniscal Thickness Affect Surgical Outcomes After Medial Meniscectomy?

P23-1248 *Jung M. (South Korea (ROK)), Yoon G., Kim S., Choi C., Kim S., Lee S.*

Repair of the Posterior Third of the Meniscus during Meniscus Allograft Transplantation: Conventional Inside-out Repair Versus All-inside Repair

P23-1277 *Ahn J. (South Korea (ROK)), Kim C., Lee S.*

Risk Factors of False-negative Magnetic Resonance Imaging Diagnosis for Meniscal Tear Associated with Anterior Cruciate Ligament Tear

P23-1286 *Ahn J. (South Korea (ROK)), Kang H., Lee S.*

Outcomes following braced, full weight-bearing rehabilitation after meniscal repair using the all inside FasT-fix repair system at a mean follow up of 2 years

P23-1318 *Arbuthnot J. (United Kingdom), Alam M., Buldu M.*

Preserving Meniscal Rim Prevents Consequent Radiographic Changes after Saucerization and Repair for Juvenile Discoid Lateral Meniscus

P23-1354 *Yamasaki S. (Japan), Hashimoto Y., Takigami J., Terai S., Nakamura H.*

Clinical and MRI outcomes after arthroscopic meniscal repair combined with saucerization performed for juvenile lateral discoid meniscal tears

P23-1464 *Kambara S. (Japan), Nakayama H., Iseki T., Kashiwa Kaori, Yoshiya S.*

Percutaneous release of the medial collateral ligament in arthroscopic medial meniscectomy. Does it improve or worsen functional outcome?

P23-1517 *Claret G. (Spain), Montañana J., Rios J., Ruiz Iban M., Popescu D., Nuñez Montse, Lozano L., Sastre S.*

Results of meniscal repair. A dual center retrospective analysis of 573 consecutive patients.

P23-1725 *Rönblad E. (Sweden), Barenius B., Engström B., Eriksson K.*


P23 Knee – meniscus

Clinical and radiologic outcomes following surgical treatment for medial meniscus

P23-1903 *Choi C. (South Korea (ROK)), Ko M., Yoon G., Chang K.*

Chondral Lesions with Medial Meniscal Posterior Root Tear Are Located More Medially and More Progressive than Those with Other Meniscal Tears

P23-1926 *Han H. (South Korea (ROK)), Kim B., Lee O., Kim J., Lee K., Lee S., Lee M.*

Clinical Outcomes of the Repair of Medial Meniscus Posterior Horn Root Tear Using Arthroscopic All-inside Suture Device

P23-2064 *Moon C. (South Korea (ROK)), Lee K., Kim D., Choi N., Koh H.*

Using Standard Functional Testing to Inform Rehabilitation Progress in Isolated Meniscal Repair Patients

P23-2092 *Tompkins M. (United States of America), Gronbeck K.*

Long-term outcome after all inside meniscal repair

P23-2125 *Zimmerer A. (Germany), Sobau C., Ellermann A.*

Is sport activity possible after arthroscopic meniscal allograft transplantation? Mid-term results of active patients

P23-2132 *Zaffagnini S. (Italy), Grassi A., Marcheggiani Muccioli G., Benzi A., Serra Margherita, Roberti di Sarsina T., Giunchi D., Marcacci M.*

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P23-2182 *Nakayama H. (Japan), Kanto R., Yoshiya S., Iseki T., Kambara S., Kashiwa Kaori*

A Contact Pressure Analysis of Longitudinal Medial Meniscal Tear Repairs Comparing an All-Inside vs. Inside-Out Surgical Technique

P23-2201 *Turnbull T. (United States of America), Marchetti D., Slette E., Dahl Kimberly, Bucci Gabriella, Mikula J., Singleton S.*

In Vivo Performance of a Novel Anatomically Shaped Polycarbonate Urethane Total Meniscus Replacement – a Twelve Month Evaluation in Goats

P23-2229 *Verdonschot N. (Netherlands), Vrancken Anne, Madej W., Hannink G., van Tienen T., Buma P.*

Meniscal Allograft Transplantation in Children and Adolescents

P23-2244 *Tuca Maria (United States of America), Luderowski Eva, Potter Hollis, Rodeo S.*

Computer analysis of lateral menisci dimensions-the comparison between genders

P23-2285 *Mickiewicz Patrycja (Poland), Walczak M., Wrobel Z.*

Comparison of plastic partial meniscectomy, subtotal meniscectomy, and meniscal repair combined with saucerization in treatment of juvenile lateral discoid meniscal tears

P23-2357 *Nakayama H. (Japan), Kanto R., Iseki T., Kambara S., Kashiwa Kaori, Yoshiya S.*

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P23 Knee – meniscus

A Meta-analysis of Clinical and Radiographic Outcomes of Posterior Horn Medial Meniscus Root Repairs

P23-2436 *Chung K. (South Korea (ROK)), Ha J., Ra H., Kim J.*

Platelet-rich plasma, mesenchymal stem cells and the combination of both in meniscal healing and its effect on TGF and FGF

P23-2482 *Kopf S. (Germany), Hein R., Scheffler S., Schrödter Janine, Schmidt Tanja, Dienelt Anke, Becker R.*

High failure rate in treatment with a polyurethane meniscal scaffold for symptomatic meniscal deficits in young adults

P23-2528 *Ebbehøj A. (Denmark), Konradsen L., Rathcke M., Krogsgaard M.*

Does age make any difference in midterm clinical results of arthroscopic all-inside meniscal repair for traumatic vertical longitudinal tears?

P23-2535 *Guney A. (Turkey), Uzun E., Kafadar I., Karaman I., Bilal O.*

Clinical Results of Meniscus Tear Repaired with Fibrin Clot using All-inside Technique

P23-2584 *Miyatake S. (Japan), Miyatake M., Kubota K., Takao R., Koresawa K., Hamamoto T., Saiyo K.*

Which is the best diagnostic tool for the detection of degenerative meniscus tears?

P23-2586 *Sgroi M. (Germany), Reichel H., Kappe T.*

Automated Regional Analysis of T2 mapping and Morphological Features of the Menisci from Pre-Operative Knee MRI: Evaluation of an Acute Injury Cohort

P23-2591 *Ho C. (United States of America), Paproki A., Surowiec Rachel, Engstrom C., Strudwick M., Wilson Katharine J., Crozier S., Frupp J.*

Arthroscopic Repair of Posterior Meniscal Root Tears: Comparing Outcomes of Medial and Lateral Root Repairs

P23-2615 *Matheny Lauren (United States of America), Moulton S., Dean C., LaPrade R.*

Comparison of two meniscal scaffolds – clinical and radiological outcome of the Collagen Meniscus Implant and the Actifit

P23-2636 *Jung T. (Germany), Wilde Sophie, Hoburg A., Gwinner C.*

Deep frozen meniscus transplantation

P23-2697 *Pasa L. (Czech Republic), Kuzma J., Vesely R., Herufek R., Kelbl M.*

A retrospective analysis of the diagnostic accuracy of the duck walk test in detecting meniscal tears

P23-2777 *van den Bekerom M. (Netherlands), van der Post Anne Sophie, Scholtes Vanessa, Mutsaerts E.*

Clinical, functional and radiological results of Outside-in meniscus repair

P23-2805 *Asci M. (Turkey), Eren M., Balta O., Kurnaz R., Bilgic E., Gunes T.*

The middle and long term clinical and functional results of arthroscopic meniscus repairs

P23-2843 *Aykut Ü. (Turkey), Özcafer R., Çetinkaya E., Gül M., Gürsu S.*


P24 Knee – ACL experimental

The difference in center position in the ACL femoral footprint inclusive and exclusive of the fan-like extension fibers

P24-1009 Iriuchishima T. (Japan), Aizawa S., Fu F.

Biomechanical efficiency in ACL reconstruction surgery

P24-1256 Mediavilla I. (Spain), Jorge L., Mikel A., Eric M.

Anatomical Arthroscopic Double Bundle Anterolateral Ligament Reconstruction using a Gracilis tendon; A cadaveric study

P24-1351 Higashiyama R. (Japan), Aikawa J., Iwase D., Minatani A., Takano S., Kashiwa Kaori, Tsuchiya A., Takaso M.

Clinical Availability of Image-Free Navigation System Using Surface Based Registration in Anatomic Anterior Cruciate Ligament Reconstruction

P24-1363 Lee B. (South Korea (ROK)), Wang J.

Ultrasonographic Identification of the Anterolateral Ligament of the Knee

P24-1415 Cavaignac E. (France), Wytrykowski Karine, Reina N., Murgier J., Pailhé R., Faruch M, Chiron P.

Postural control in patients with ACLR during challenging double-leg stance tasks: preliminary results

P24-1504 Lion A. (Luxembourg), Gette P., Meyer C., Mouton Caroline, Seil R., Theisen D.

The significance of graft / tunnel sizing for tunnel closure

P24-1521 Jørgensen U. (Denmark), Jakobsen Yeliz, Willerslev Jørgensen Ines, Ding M.

Comparison of In Vivo Graft Bending Angle Changes after Outside-in, Transportal and Trans-tibial Anterior Cruciate Ligament reconstruction – Computer Simulation Analysis –

P24-1524 Tashiro Y. (United States of America), Irrázaval S., Osaki K., Iwamoto Y., Fu F.

Quantitative Evaluation of Knee Laxity with Isolated Anteromedial – or Posterolateral-bundle Anterior Cruciate Ligament Deficient Knees

P24-1538 Araki D. (Japan), Kuroda R., Matsushita T., Nagamune K., Matsumoto T., Takayama K., Kurosaka M.

Anterolateral ligament injury increases rotational instability in ACL deficient knee

P24-1540 Nozaki M. (Japan), Murase A., Kobayashi M., Yasuma S., Sakai H., Goto H., Nagaya Yuko, Otsuka T.

Anatomic Description of the Anterolateral Ligament of the Knee.

P24-1565 Stijak L. (Serbia), Kadija M., Bumbasirevic M., Santrac-Stijak Gordana, Milovanovic D., Aksic M., Djulejic V.

E-posters

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**P24 Knee – ACL experimental**

The Role of an Extra-articular Tenodesis in Combined ACL and Capsular Injury

P24-1574 *Guenther D. (United States of America), Irarrazaval S., Bell K., Rahnama-Azar A., Fu F., Debski R., Musahl V.*

Usability of ipsilateral Hamstrings for ACL reconstruction in case of medial collateral ligament insufficiency – Biomechanical investigations about dynamical stabilization of the medial compartment by hamstrings

P24-1582 *Herbert M. (Germany), Raschke M., Fink C., Schliemann B., Kösters C., Petersen W., Domnick C.*

The comparative role of the ACL and anterolateral structures in controlling passive internal rotation of the Knee. A Biomechanical study on 24 cadaveric knees.

P24-1607 *Claret G. (Spain), Montañana J., Rios J., Ruiz Iban M., Popescu D., Nuñez Montse, Lozano L., Sastre S.*

Experimental validation of the GNRB device for measurement of the anterior translation of the knee.

P24-1633 *Jenny J. (France), Puliero B., Harnois S., Schockmel G., Clavert P.*

The influence of the section of the antero-lateral knee ligament on anterior laxity of the knee. An experimental study.

P24-1639 *Jenny J. (France), Puliero B., Schockmel G., Harnois S., Clavert P.*

The effect of deep-freezing on the structure of patellar and Achilles tendon allografts utilized for ACL reconstruction

P24-1656 *Mintal T. (Hungary), Szakálas Judit*

High-load preconditioning of human soft tissue hamstring grafts: An in vitro biomechanical analysis

P24-1685 *Dahl Kimberly (United States of America), Lockwood C., Marchetti D., Mikula J., Williams B., Kheir M., Turnbull T., LaPrade R.*

Influence of the Meniscus and Capsuloligamentous Injuries on Knee Laxity in ACL Injured Patients

P24-1698 *Watson J. (United States of America), Rahnama-Azar A., Arner J., Costello Joanna, Fu F., Irrgang J., Musahl V.*

Histological Analysis of the Tibial Anterior Cruciate Ligament Insertion

P24-1733 *Oka S. (Japan), Schuhmacher P., Siebold R.*

Tibial insertions of the anterior cruciate ligament and the anterior horn of the lateral meniscus: a histological and computed tomographic study

P24-1877 *Kusano M. (Japan), Yonetani Y., Mae T., Nakata K., Shino K.*

The influence of the section of the antero-lateral knee ligament on rotational laxity of the knee. An experimental study.

P24-1893 *Jenny J. (France), Puliero B., Harnois S., Schockmel G., Clavert P.*


P24 Knee – ACL experimental

Are There Any Differences in Length and Placement of the Femoral Tunnel for Anterior Cruciate Ligament Reconstruction Using Two Different Angulations for Anterior Medial Portal?. A Cadaveric Study.

P24-2014 Capurro B. (Spain), Prado Ceroni T., Azar Saba C., Dölz León R., López Navarro J., González Foretic F.

ACL reconstruction through patient specific simulation of the Lachman test

P24-2091 Gliatis J. (Greece), Stanev D., Moustakas K., Koutsogiannis K.

Scaffold-less tissue engineering of the anterior cruciate ligament.

P24-2100 Paschos N. (United States of America), Lim Nikita, Hu J., Marder R., Athanasiou K.

The role of fibres within the tibial attachment of the ACL in resisting tibial displacement

P24-2121 Lord B. (United Kingdom), El-Daou H., Zdanowicz Urszula, Smigielski R., Amis A.

Robotic Assessment of Anterolateral Ligament: Secondary Role in the Setting of an Anterior Cruciate Ligament Injury

P24-2200 Doman G. (United States of America), Rasmussen M., Nitri M., Williams B., Moulton S., Cruz R., Goldsmith Mary, LaPrade R.

3D positions of ACL, AM and PL centers in the distal femur at Computed Tomographic scans

P24-2213 Verdonschot n. (Netherlands), luites joan, tomaszewski P., Janssen D.

Tibio-Femoral Joint Contact Pressure after Anatomic Double-Bundle Anterior Cruciate Ligament Reconstruction

P24-2220 Smolinski P. (United States of America), Chang S., Sasaki Y., Fujii M., Marshall B., Zhu J., Linde Monica

Engineering view of the effect of size ratio and type of interference screw used in ACL reconstruction

P24-2222 Penuelas Ines (Spain), Rodriguez Crisitna, Maestro A.

ACL and ALL (Antero Lateral Ligament) Reconstruction. A biomechanical in vivo study using navigation

P24-2234 Monaco E. (Italy), Fabbri M., Iorio C., Redler A., Mazza D., De Carli A., Ferretti A.

Kinematic evaluation on ACL deficient knee using dynamic RSA

P24-2238 Zaffagnini S. (Italy), Bontempi M., Bragonzoni Laura, Signorelli Cecilia, Marchiori G., Lopomo N., Raggi F., Marcacci M.

Biomechanical Comparison of Anatomic All-Inside Two, Three and Four Socket Anterior Cruciate Ligament Reconstructions

P24-2274 Lord B. (United Kingdom), El-Daou H., Sabnis B., Wilson A., Amis A.

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P24 Knee – ACL experimental

Mechanoreceptor re-innervation following Allograft versus Autograft Anterior Cruciate Ligament Reconstruction

P24-2350 *Dragoo J. (United States of America), Young S., Valladares R.*

The Effect of Rotation of the Graft in Single-Bundle Anterior Cruciate Ligament Reconstruction

P24-2356 *Surer L. (United States of America), Michail K., Koken M., Zhu J., Marshall B., Linde Monica, Smolinski P., Fu F.*

Biomechanical analysis of function and strain of the anterolateral ligament

P24-2420 *Drews B. (Germany), Kessler O., Freutel Maren, Franz W., Dürselen L.*

Biomechanical differences among pre-pubertal boys and girls during side-step cutting maneuvers and effect of fatigue

P24-2464 *Sigurdsson H. (Iceland), Briem Kristin, Sveinsson T.*

Changes in knee laxity and range of motion with different positions of the femoral and tibial graft tunnels in anterior cruciate ligament reconstruction

P24-2471 *Eljaja S. (Denmark), Tavlo Mette, Tranum-Jensen J., Siersma V., Amis A., Krogsgaard M.*

Graft compression in ACL reconstruction

P24-2481 *Lord B. (United Kingdom), Calaco H., Wilson A., Amis A.*

Biomechanical comparison of anterior cruciate ligament reconstructions with Hamstring graft: single vs. double vs. triple bundle reconstruction.

P24-2540 *Suzuki T. (Japan), Matsumura T., Kubota Chihiro, Kii Y.*

Mesenchymal stem cells and collagen for anterior cruciate ligament repair

P24-2573 *Ahmad S. (Switzerland), Gantenbein-Ritter B., Krismer Anna, Kohl S.*

In Situ Force-Displacement History of the Anterior Cruciate Ligament's Two Bundles

P24-2655 *Sasaki Y. (United States of America), Chang S., Fujii M., Marshall B., Zhu J., Linde Monica, Smolinski P., Fu F.*

Effect of Graft Position on Failure Load in Single-Bundle Anterior Cruciate Reconstruction

P24-2668 *Smolinski P. (United States of America), Sabzevari S., Rahnemai-azar A., Zheng L., Marshall B., Zhu J., Linde Monica, Fu F.*

Visualization of optimal button placement in standard X-rays by 3d-simulated virtual surgery

P24-2672 *Schemmann D. (Germany), Rudolph Jennifer, Haas H., Müller-Stromberg J.*

Are Xenograft Tendons a Viable Alternative for Knee Ligament Reconstruction? A Biomechanical Study of Bovine Tendons Treated with a Novel Processing Method

P24-2681 *Ajuied A. (United Kingdom), Colaco H., Lord B., Shah Z., Back Diane L, Davies A., Amis A.*



P24 Knee – ACL experimental

The effect of graft tension and tibial rotation on tibiofemoral joint contact pressures and kinematics following anterolateral tenodesis

P24-2726 *Inderhaug E. (Norway), Stephen Joanna, Williams A., Amis A.*

Optimal Entry Point of the Tibial Bone Tunnel for Anterior Cruciate Ligament Reconstruction : Minimizing the Graft Bending Angle at the Tibial Tunnel Aperture

P24-2823 *Fujimaki Y. (Japan), Thorhauer E., Sasaki Y., Murawski C., Smolinski P., Tashman S., Fu F.*

E-posters

Faculty

Board of reviewers
Lunch workshops

Partners/Exhibitors
Floorplans

Educational Programme
Awards/General Information

Travel & Access
Social Programme



Family name	First name	Contribution	Page(s)
Abat	Ferran	ICL22	130
Abate	Michele	P17-2710	178
Aboalata	Mohamed	P21-2704	200
Aboelnour	Mohamed	P19-2617	185
Adachi	Nobuo	P22-1949	202
Adamczyk	Grzegorz	FP25, ICL20-6018	98, 125
Adravanti	Paolo	SY42-6270	79
Aga	Cathrine	P20-1192	186
Agneskirchner	Jens	SY16, FP16, SY18-6261	58, 59, 137
Ahmad	Sufian S.	P24-2573, P21-1754	210, 194
Ahn	Ji Hyun	FP31-1278, P16-1279, P23-1286, P23-1277	68, 171, 204, 204
Ahn	Jin Hwan	IL01-5009, SY13-6203	19, 86
Ajuied	Adil	P24-2681	211
Akasaka	Shunsuke	P12-2161, P12-2368	164, 165
Akgun	Umut	OS06	112
Akoto	Ralph	FP17-2772	134
Alfredson	Hakan	ICL22-6108	130
Alm	Lena	P18-1425	179
Alvarez	Mónica	NC03-6070	141
Aman	Malin	FP17-2775	134
Ambrozic	Bogdan	RT04-6374, P15-2042, DE02-6405	63, 169, 45
Amis	Andrew A.	KN10-6255, SY40-6281, ICL01-6323, SY02-6242	33, 78, 56, 50
Amr	Osman	P16-1064, P16-1067	170, 171
Anand	Bobby	OS01-6037	110
Andersen	Mette Renate	FP15-2032	124
Anderson	Allen F.	SY38, SY38-6249	40, 40
Andersson	Stig	PT11-4031	109
Andonovski	Alan	FP20-1577	75
Andriolo	Luca	FP24-1660	94
Ang	Benjamin Fu Hong	FP16-1658	59
Angele	Peter	SY34, ICL03-5069, IL02-5005, SY34-5057, RT07-6361	119, 77, 118, 119, 41
Ankri	Marine	FP35-2057	53
Antonogiannakis	Emmanouil	DE04	60
Araki	Daisuke	P24-1538	207
Arbel	Ron	FP47, RT09-6386	95, 42
Arbuthnot	Jamie	P23-1318	204
Arce	Guillermo	RT08, SY17, SY17-6132, SY17-6134, SY18-6258	32, 30, 30, 30, 30
Arciero	Robert	SY38-6250	40
Ardern	Clare	FP01-1950	23
Ardevol	Jordi	FP16-2808	59
Arendt	Elizabeth	P18-1875	180
Arirachakaran	Alisara	P12-1339, FP05-2506, FP21-1334, P09-1546	163, 31, 57, 158



Family name	First name	Contribution	Page(s)
Arrigoni	Paolo	SY19-5012, OS01-6036, ICL20-6019	98, 110, 125
Arroyo Hernandez	Marta	FP07-6193	47
Asci	Murat	P23-2805	206
Askenberger	Marie	FP11-1148	34
Asking	Carl	PT08-4023	107
Athwal	Kiron	P16-1840	173
Augustsson	Jesper	P08-2387	156
Avanzi	Paolo	DE04-6396	60
Axe	Jeremie	FP21-1342	57
Ayeni	Olufemi	P08-1174, P16-1178, FP36-1169, FP37-1171, P22-1179, SY25-6115	155, 171, 132, 126, 201, 89
Aykut	Ümit Selçuk	P23-2843	206
Azab	Mostafa	FP29-1404, P20-1405, FP41-1403	76, 186, 120
Azevedo	Clara	P12-1053	163
Baalbaki	Rayan	FO03-6032	103
Bait	Corrado	FP12, ICL11-6208	39, 113
Bajwa	Ali	P08-1837	156
Bak	Klaus	SY15, FP03, SY15-5024, SY45-5029	32, 28, 32, 82
Balius	Ramon	PT07, PT09	138, 138
Ball	Simon	ICL04-6085	48
Barlow	Ian	P16-2194	175
Barreira	Paulo	PT07-4057	107
Bartels	Thomas	P04-1257	150
Barth	Johannes	P11-2770, P12-1545, P11-2718, FP29-2734, SY17-6137, FP04-1796	162, 163, 162, 76, 30, 29
Bataga	Tiberiu	P21-2388	199
Batista	Jorge	ICL17-6013	122
Bauer	Thomas	RT04, SY21, RT06-6358, SY21-6118, LD01-6329	63, 44, RT06-5358 = 103 Namen prüfen?, 44, 46
Baums	Mike H.	FP17-1592	134
Bayliss	Lee	P16-2691, FP22-2679, FP22-2702	177, 37, 37
Beard	David	FP48-1634	38
Beaufils	Philippe	SY06, SY06-6346, SY06-6351	85, 85, 85
Becher	Christoph	FP38-2033	131
Becker	Roland	DE07, DE08, AW01, DE09, SY06, IL06, LD02, KN09, SY06-6346, SY06-6351, SY42-6274	114, 114, 20, 114, 85, 118, 79, 35, 85, 85, 79
Beckmann	Johannes	DE09-6294, LD02-6257	114, 79
Behrend	Henrik	FP22	37
Beitzel	Knut	SY16-5046, SY17-6130	58, 30
Belickas	Juozas	RT09-6381	42
Bencke	Jesper	SY47-6341	43
Benea	Horea	FP08-2007	96
Benedetto	Karl-Peter	SY41-6288, ICL01-6325	78, 56
Benjaminse	Anne	PT02-4002, FP36-2185	70, 132

E-posters

Faculty

Board of reviewers
Lunch workshops

Partners/ Exhibitors
Floorplans

Educational Programme
Awards/ General information

Travel & Access
Social Programme



Family name	First name	Contribution	Page(s)
Berruto	Massimo	FP08-2622, P21-2581, P22-2474	96, 199, 203
Besalduch	Marina	P07-1468	154
Bexkens	Rens	P02-1681, P13-1659, P02-1690	149, 167, 149
Beyzadeoglu	Tahsin	RT07-6377	41
Bicanic	Goran	DE08-6291, ICL11-6209	114, 113
Bilal	Ökkes	P06-1783	153
Billis	Evdokia	P03-2296	150
Binet	Marc-Hervé	SY32-5016	62
Birinci	Tansu	P06-1730	153
Bisicchia	Salvatore	FP46-1476, P07-1473	63, 154
Blasiak	Adrian	P11-2490, FP02-2477	161, 29
Blomquist	Jesper	FP02-1296	29
Blonna	Davide	FP36-6184	132
Boe	Berte	SY16-5043	58
Bogdanovic	Dragana	FP03-6190, RT08-6373	28, 32
Bohu	Yoann	FP01-2546, P11-1717, P21-1643	23, 160, 194
Bommier	Aude	FP16-2745	59
Bonin	Nicolas	SY24-4059, SY25-6113	89, 89
Bonnin	Michel	DE07-6289	114
Borovac	Mirela	P12-2666	166
Bösmüller	Sandra	FP36-2619, FP21-2583	132, 57
Bottegoni	Carlo	P18-2178	181
Boutefnouchet	Tarek	FP37-2150, P18-1231	126, 179
Branch	Thomas	SY09-5050, P18-2860	22, 183
Brandl	Georg	P15-2800	170
Braun	Sepp	SY15-5026, SY45-5033	32, 82
Briard	Jean-Louis	SY48-6401	116
Briem	Kristin	PT05-4013, FP45-1909	71, 54
Briggs	Karen	P08-1856, P08-2784, P08-2825	156, 157, 157
Brilakis	Emmanouel	P11-2824	162
Brockmeyer	Matthias	P08-1513	156
Brorsson	Annelie	P05-2155	152
Brouwer	Reinoud	DE07-6290	114
Brown	Christopher A.	SY32-5019	62
Brucker	Peter	SY32-6182, P21-2704	62, 200
Brukner	Peter	SY31-4078	73
Brzoska	Roman	ICL15, ME02, KN05, FP21, OS03-6047, ICL15-5088	106, 32, 58, 57, 111, 106
Bucci	Gabriella	P21-2230	198
Buess	Eduard	ICL21-6102	127
Bukach	Dzmitry	AW02-6174, P22-1090, RT01-6354	19, 201, 41
Caceres	Enric	SY44	116
Caekebeke	Pieter	FP34-1985	100



Family name	First name	Contribution	Page(s)
Calder	James	DE03, SY22, P01-2593, FP15-2396, P01-2204, ICL17-6010, CP01-6140	DE03, 46, 148, 124, 147, 122, 45
Calließ	Tilman	FP12-1845, P16-2403	39, 177
Calvo	Rafael	FP43-1325, P21-1423	18, 192
Calvo Crespo	Emilio	SY18, SY45-5035, SY17-6131	137, 82, 30
Calvo Diaz	Angel	ICL18, KN06, LD04, ICL18-6268	120, 136, 24, 120
Campi	Fabrizio	FO02-6028	104
Campi	Stefano	FP48-1930	38
Canata	Gian Luigi	SY04-4038, SY33-4095, P16-2271, SY21-6117, RT05-6364	92, 55, 176, 44, 23
Canete	Pablo	P13-2454	167
Capurro Soler	Bruno	P24-2014	209
Cardenas Nylander	Carlomagno	KN04-6168	90
Carmont	Michael	KN01, CP01, FP15, OS01-6038, OS02-6041, CP01-6140	46, 45, 124, 110, 110, 45
Carreras	Anna	SY39-6301	135
Cartucho	Antonio	DE05	60
Casaccia	Marcelo	P21-2683	200
Casalini	Elisabetta	NC05-6076	141
Cavaignac	Etienne	P24-1415, P22-1417	207, 201
Celik	Derya	FP07-2448	47
Chan	Otto	ICL22-6107	130
Charoussset	Christophe	OS03-6048	111
Chatterton	Andreas Thomas	P18-2187	181
Chechik	Ofir	P09-1780	158
Chen	Antonia	FP44, SY43-6277, FP22-2055, P07-1536, P16-1543, P16-2690, P16-1533	36, 115, 37, 154, 172, 177, 172
Chen	Xi	P01-2081	147
Chevrier-Lee	Janise, Ai-Ye	P21-1412	192
Cho	Sung Do	P21-1867, P16-1868	195, 174
Choi	Chong Hyuk	P19-1905, P23-1903	185, 205
Choi	Nam-Hong	P20-1181, P20-1182, FP31-1185, P23-1183	186, 186, 68, 204
Choi	Young Jun	P16-2206	176
Cholewinski	Jerzy	FP20-2769, P21-2802	75, 200
Chouliaras	Vasileios	P21-2758	200
Christensen	Bjorn	P22-2163, FP28-2159	202, 94
Chung	Jun Young	P22-1583	201
Chung	Kyu Sung	P23-2436	206
Church	Sam	AW01-1715	20
Claes	Steven	DE01-6318	52
Claret	Guillem	P23-1517	204
Clark	Damian	FP10-2563	33
Cohen	Moises	SY29, FP24, SY29-6343	25, 94, 25
Colak	Tahsin Sami	FP38-2184	131

E-posters

Faculty

Board of reviewers
Lunch workshopsPartners/ Exhibitors
FloorplansEducational Programme
Awards/ General informationTravel & Access
Social Programme



Family name	First name	Contribution	Page(s)
Collin	Phillipe	SY18-6259	137
Colombet	Philippe	FP43	18
Compagnoni	Riccardo	OS05-6058, SY37-6124	112, 105
Condello	Vincenzo	FP47, ICL09-6227	95, 91
Confalonieri	Norberto	P16-1567	173
Conteduca	Fabio	SY48	116
Cools	Ann M.	PT09, PT09-4025, FO02-6027	108, 108, 104
Cordasco	Frank	FP27-2313	74
Corte Real	Nuno	DE02-6404	45
Costa	André	SY46-6269, P18-2628, P20-2844	128, 182, 189
Costa-Paz	Matías	SY27, FP29, SY27-4068	93, 76, 93
Courage	Olivier	SY17, FP12-1414, SY17-6129, SY17-6136, RT06-6358	30, 39, 30, 30, 103
Couto	André	FP12-1322	39
Creus	Silvia	NC05-6071	141
Croutzet	Pierre	FP34-2834, P02-1481, P14-2781	100, 149, 168
Cucchiariini Madry	Magali	ICL16, ICL16-6215	118, 118
Dahl	Kimberly	P24-1685, P18-1382	208, 179
Dahm	Diane	P18-1671	180
Dalat	Frédéric	FP13-2816	40
Dalmau-Pastor	Mikel	ICL07-6312	69
Dammerer	Dietmar	P08-1291, P18-2384	156, 182
Daniel	Smith	ICL23-6166	133
Daniilidis	Kiriakos	FP07-1989, P01-2003, P01-2008	47, 147, 147
Darabos	Nikica	ICL05, FP46, ICL05-5091, ICL05-5093	61, 63, 61, 61
Dawson	Matthew	SY41-6286	78
de Girolamo	Laura	FP38, SY30-4086, ICL16-6218	131, 25, 118
de Leeuw	Peter	SY22, SY22-5083, FP07-1735, ICL17-6008	46, 46, 47, 122
de Villiers	Danielle	P16-1927	174
Debandi	Anibal	FP30-2088	49
Deehan	David	SY43-6278	115
DeHaven	Kenneth	KN12-6332	67
Dei Giudici	Luca	P18-2330	181
Dejour	David	SY03, SY38, IL07, RT09, OS04-6053, SY02-6243	51, 40, 81, 42, 111, 50
Delgrande	Damien	P11-2398	161
Deligeorgis	Anastasios	SY16-5045	58
Delin	Cyrille	FP20-2790, P20-2854, P20-2856, P20-2317	75, 189, 189, 188
Della Villa	Stefano	SY33-5001, OS05-6055, SY29-6345	55, 112, 25
Demey	Guillaume	FP10, SY44-4049, FP18-2275	33, 116, 67
Demirtas	Mehmet	FP34, ICL20-6020, ICL13-6148	100, 125, 97
Denti	Matteo	OS01, RT01, SY05, SY28, SY41, KN12, IL05, SY05-4041, IL03-4034, SY41-6288	110, 41, 84, 26, 78, 67, 48, 84, 48, 78
Deranlot	Julien	FP03-1755, SY45-5028, ICL15-5086	28, 82, 106
Deveci	Alper	P20-1081	186



Family name	First name	Contribution	Page(s)
d'Hooghe	Pieter	SY30, SY30-4085, ICL14-6156, SY47-6336, ICL17-6009	25, 25, 102, 43, 122
D'Hooghe	Michel	SY28-5038, SY28-5041	26, 26
Di Giacomo	Giovanni	SY45, SY45-5036	82, 82
Dienst	Michael	SY24, IL04, SY24-4061, ICL12-6005	89, 81, 89 87
Dierickx	Carl	ICL02-6149	52
DiGiovanni	Christopher	SY35-4074, ICL14-6160, CP01-6140	123, 102, 45
Dimitrakopoulou	Alexandra	P08-2518	157
Dini	Francesco	P20-2439	189
Djian	Patrick	KN02	75
Dominguez	Cristian	P20-2284	188
Domnick	Christoph	P19-1595, P19-2605	184, 185
Domzalski	Marcin	RT08-6385	32
Donell	Simon	OS01, SY03, FP11, KN13, OS02-6040, FP11-1130	110, 51, 34, 115, 110, 34
Doornberg	Job	SY35, SY35-4076	123, 123
Doral	Mahmut Nedim	SY35, SY35-4071, SY35-4072	123, 123, 123
Dornan	Grant J.	P24-2200, FP38-2071	209, 131
Dragoo	Jason	P06-2345, P24-2350, P04-2069, P04-2074	153, 210, 150, 150
Drakos	Mark	ICL14-6161	102
Drews	Björn	P24-2420	210
Drobnic	Matej	RT04-6374, P22-2381	63, 203
Durgut	Fatih	P16-1097	171
Ebbehøj	Anders Lyng	P23-2528	206
Edwards	Peter	P22-1888, FP47-1894, P21-1898	202, 95, 195
Egloff	Christian	P20-1758	187
Ekstrand	Jan	PT08, SY28, PT10-4028, SY28-5040	107, 26, 108 26
Elgeidi	Adham	P18-1022	179
Eljaja	Salameh Belal	P24-2471	210
Ellapparadja	Pregash	P15-2135	169
Elson	David	SY40-6284, FP40-2047, P15-2052	78, 128, 169
Engebretsen	Lars	ICL08, SY10, FP27, SY36-4088, SY05-4043, SY10-6303, SY10-6304, SY10-6307	72, 88, 74, 101, 84, 88, 88, 88
Englund	Martin	FP36, SY06-6347, FP18-1724	132, 85, 67
Erasmus	Pieter	P16-2237, P21-2566, FP22-2520, P18-2512	176, 199, 37, 182
Eriksson	Karl	ICL19-6236	136
Ernlund	Lucio	FP17	134
Erquicia	Juan Ignacio	P08-2472	157
Espinoza	Gonzalo	P19-1486	184
Espregueira-Mendes	Joao	RT02, SY05, SY05-4041, PT04-4009, OS06-6060, SY02-6244	64, 84, 84, 71, 112, 50
Esteve	María Pilar	NC07	140
Ettinger	Max	P16-2269, P16-2255	176, 176
Eygendaal	Denise	SY19-5010, ICL20-6016, SY20-6254	98, 125, 99

E-posters

Faculty

Board of reviewers
Lunch workshopsPartners/Exhibitors
FloorplansEducational Programme
Awards/General InformationTravel & Access
Social Programme



Family name	First name	Contribution	Page(s)
Ezechieli	Marco	P08-2878, P08-2877	157, 157
Fabbri	Mattia	FP29-6185	76
Faleide	Anne Gro Heyn	P21-1494	193
Falvey	Eanna	ICL05-5094	61
Farfaras	Stefanos	P12-1859	164
Farouk	Hazem	FP29-2678, P21-2650	76, 200
Farr	Jack	SY08, SY08-4056	51, 51
Farrás	Olga	NC05-6074	141
Fehske	Kai	P13-2254	167
Feller	Julian	ICL19, SY12, SY12-5063, ICL19-6235	136, 21, 21, 136
Felmet	Gernot	FP41, SY33-5004	120, 55
Ferlic	Peter	FP40-2653, FP10-1747	128, 33
Ferlic	Peter	P16-1826	173
Ferrer	Gonzalo	FP14	92
Ferretti	Mario	SY11-5078	21
Feucht	Matthias	ICL06-6087	65
Fickert	Stefan	FP08-2806	96
Figueiredo	Alfredo	SY46-6188, FP22-1106	128, 37
Figueroa	David	FP24-2559	94
Filardo	Giuseppe	FP24, ICL03-5066, SY34-5058, P17-1732, P06-2181, ICL16-6219	94, 77, 119, 178, 153, 118
Filipescu	Doru	RT07-6384	41
Fink	Christian	ICL01, SY33-4094, SY12-5062, P18-1973, SY01-6096	56, 55, 21, 180, 24
Firer	Ponky	P16-2833	177
Fischer	Felix	P21-1968	196
Flies	Anne	P20-2485	189
Foo	Gen Lin	P21-1807	195
Fornell Pérez	Salvador	P19-1269	184
Forsblad	Magnus	SY36, SY36-4087	101, 101
Fort	Azahara	PT03-4005	70
Fotopoulos	Vasileios Ch.	RT04-6363	63
Franceschi	Francesco	P12-2580, P12-2575, P12-2569, FP21-2544, P12-2552, FP04-2567, RT06-6365, P12-2841	166, 166, 165, 57, 165, 29, 103, 166
Frias	Miguel	P09-2720	159
Fridén	Cecilia	PT03-6309	70
Fritsch	Brett	ICL10, ICL10-6232	80, 80
Frosch	Karl-Heinz	ICL10-6234	80
Fu	Freddie	SY11, FP13, DE01-6317, FO01-6026	21, 40, 52, 104
Fujimaki	Yoshimasa	P24-2823, P19-1541	211, 184
Furumatsu	Takayuki	P07-1043, P21-1270	154, 191
Gali	Julio	P04-1263, P19-1275, P21-1452, P19-1757	150, 184, 192, 184
Galstyan	Ruben	RT05-6353	23
Gamba	Carlo	FO03-6031	103
Gao	Anqi	P16-2829	177



Family name	First name	Contribution	Page(s)
Gao	Bo	P16-1249, P16-1307, P16-1305, P16-1188	171, 172, 171, 171
Garcia	Grant	FP37-2060, P10-1384, P10-1383	126, 159, 159
Garcia Martinez	Osvaldo	FP36-6196	132
García-Navlet	Miguel	KN05-6169	58
Gard	Suzanne	PT01, PT02, PT09, PT02-4003	70, 70, 108, 70
Gauffin	Håkan	FP18-2549	67
Gaviria Parada	Maria Elena	P13-2044	167
Gelber	Pablo E.	ICL10, AW01, LD05, NC08, SY05, ME01, SY05-4041, SY05-4045, ICL10-6233	80, 20, 24, 140, 84, 18, 84, 84, 80
Georgiannos	Dimitrios	P01-2386	148
Georgoulis	Anastasios	SY09, FP09, SY09-5048, SY12-5060	22, 27, 22, 21
Gerber-Popp	Ariane	SY15-5023	32
Gervasi	Enrico	RT06-6365	103
Getgood	Alan	P20-2290, P07-2587, P15-2268, FP31-2595, FP31-2603, FP35-2207	188, 155, 170, 68, 68, 53
Gette	Paul	P21-2179	198
Geyer	Michael	FP37-1221	126
Gföller	Peter	P18-1834	180
Ghandour	Tarek	FP16-1823	59
Gibney	Daniel	P16-1844	174
Gibson	Jo	PT11, PT12, PT09-4024	139, 139, 108
Gigante	Antonio	FP46	63
Gil Gonzalez	Sergi	P21-2596	199
Ginés i Puertos	Alex	NC01-6066	140
Giron	Francesco	P19-2041	185
Giron	Francesco	P21-1917	196
Glazebrook	Mark	ICL07-6315	69
Gleyze	Pascal	FP02, KN06-6173	29, 136
Gliatis	John	P24-2091	209
Gojanovic	Boris	PT02-4004	70
Gokeler	Alli	PT01, PT04, P20-1627, ICL06-6093	138, 138, 187, 65
Gomes	Sergio	ICL22-6104	130
Gordo	Raquel	NC05	140
Goshima	Kenichi	FP40-1799	129
Gousopoulos	Lampros	P13-2406	167
Goutteborge	Vincent	FP17-1157	134
Goyal	Ankit	P11-1018, P22-1016, P20-1019, P11-1015	160, 201, 186, 160
Grant	Stephen	P16-1274	171
Grapar Zargi	Tina	P21-1512	193
Graveleau	Nicolas	ICL23, SY13-6201, FP13-2835, ICL23-6167	133, 86, 40, 133
Griffin	Damian	SY23-4065	90
Grim	Casper	RT02-6362	64
Grindem	Hege	P04-1488	150
Grle	Maki	RT06-6383	103
Gual	Gabriel	PT07-4019	107
Gudas	Rimtautas	FP04-2242	29

E-posters

Faculty

Board of reviewers
Lunch workshopsPartners/Exhibitors
FloorplansEducational Programme
Awards/General InformationTravel & Access
Social Programme



Family name	First name	Contribution	Page(s)
Guelfi	Matteo	P05-1500	151
Guenther	Daniel	P24-1574	207
Guillo	Stephane	ICL07, ICL07-6314	69, 69
Gulan	Gordan	RT02-6356	64
Guney	Ahmet	P23-2535	206
Günther	Daniel	FO01-6025	104
Guttmann	Dan	SY45-5032	82
Ha	Jeong Ku	P21-2376, FP32-2422	199, 66
Haasper	Carl	SY43-6280	115
Hackl	Michael	P02-1466, FP25-1472, P06-1475, P02-1315	149, 98, 152, 149
Haddad	Fares	SY43	115
Hagio	Tomonobu	P01-1495	146
Halewood	Camilla	ICL09-6225	91
Halvadjian	Robert	RT06-6355	103
Hamido	Fawzy	P21-1039, P01-1004	190, 146
Hamilton	TW	FP48-1996, P16-1636	38, 173
Han	Hyuk Soo	P18-1924, P23-1926, P21-1929	180, 205, 196
Han	Jae Hwi	P15-2084, P15-2083	169, 169
Hantes	Michael	SY27, OS06-6059, FP18-1788, FP27-1790, P21-1785, P12-1792, KN03-6276, RT04-6363	93, 112, 67, 74, 195, 164, 84, 63
Hardeman	Francois	FP35	53
Hardy	Alexandre	FP03-2698, P01-1331, P11-1381	28, 146, 160
Harner	Christopher	FP14, FP31	92, 68
Harringe	Marita	PT06-4018	107
Hartig-Andreasen	Charlotte	FP33-1716	88
Hashimoto	Yusuke	P21-2374	198
Haspl	Miroslav	RT02-6356	64
Hauptert	Alexander	P18-2665	183
Haverkamp	Daniel	ICL17, FP33, ICL17-6007	122, 88, 122
Havlas	Vojtech	OS01-6035	110
Hayes	David	FP40-2822	128
Helito	Camilo	FP35-2289, P07-2301	53, 155
Henle	Philipp	FP48, ICL11-6212	38, 113
Hepperger	Caroline	FP26-1831	35
Herbort	Mirco	P24-1582	208
Hermanowicz	Krzysztof	P19-2754	185
Hetsroni	Iftach	P21-2127, P21-2118	197, 197
Hewett	Timothy	SY01, SY01-6097	24, 24
Hexel	Michael	P12-2257	164
Hiemstra	Laurie	FP11-2706, P21-2817, P18-2646, P21-2660, P18-2316	34, 200, 182, 200, 181
Higashiyama	Reiji	P24-1351, P01-2635	207, 148
Hilgersom	Nick	P02-2466	149
Hinarejos	Pedro	SY42, DE09-6293, RT03-6375, P16-1496	79, 114, 66, 172



Family name	First name	Contribution	Page(s)
Hinckel	Betina	FP10-2682	33
HIRAIWA	Hideki	P16-1446	172
Hirschberg	Angelica	PT03-4006	70
Hirschmann	Anna	ICL06-6090, FO01-6023	65, 104
Hirschmann	Michael Tobias	ICL11, ME08, FP13, ICL06-6089, KN13-6320, ICL11-6207, P16-1923, SY44-4050	113, 93, 40, 65, 115, 113, 174, 116
Hladky	Vit	P18-1646	180
Ho	Charles	P23-2591	206
Hofbauer	Marcus	P21-1987	196
Höher	Jürgen	FP43	18
Holleyman	Richard	FP22-2695	37
Holm	Lena	P13-1906	167
Hölmich	Per	SY23, SY23-4063, SY47-6337	90, 90, 43
Horan	Marilee P.	P12-2293	165
Horsley	Ian	PT11, PT12, PT09-4027	139, 139, 108
Horta	Gemma	NC01-6067	140
Hoser	Christian	P20-2521	189
Hoshino	Yuichi	FP30-1800	49
Høvik	Øystein	P16-1895	174
Howell	Rick	SY32-5018, PT11-4030	62, 109
Hoyle	Antonia	FP04-2592	29
Hsieh	Changhsun	P07-1280	154
Hulet	Christophe	SY13, SY12, SY13-6197, FP13-2838	86, 21, 86, 40
Hwang	Deuk-Soo	P08-1866	156
Ibanez	Maximiliano	P08-2601, FP33-2610	157, 88
Ibañez	Federico	P21-2366	198
Ikezawa	Hiroko	P13-2489	167
Ikuta	Yasunari	FP43-1645	18
Ilizaliturri	Victor	KN04, SY25, SY25-6110, SY25-6111	90, 89, 89, 89
Ilyin	Dmitriy	RT01-6372	41
Imhoff	Andreas B.	SY15, SY45, FP02, SY41-6286, SY45-5034	32, 82, 29, 78, 82
Inderhaug	Eivind	P24-2726, FP35-2711	211, 53
Innocenti	Bernardo	FP48-1979	38
Inokuchi	Takao	P07-1487	154
Inoue	Masayuki	P21-1537	193
Inoue	Kazumasa	P15-1672	169
Iosifidis	Michalis	P18-2807, P18-2801, FP32-2792, P22-2716	183, 183, 66, 203
Irrarazaval	Sebastian	P20-1483	187
Iriuchishima	Takanori	P24-1009, P21-1054	207, 190
Irrgang	James	P20-2280	188
Irrgang	Jay	SY11-5077	21
Ishikawa	Masakazu	P22-1501	201
Itala	Ari	RT02-6357	64
Itoi	Eiji	SY45, SY45-5030	82, 82
Jackson	Will	DE08-6292	114

E-posters

Faculty

Board of reviewers
Lunch workshops

Partners/ Exhibitors
Floorplans

Educational Programme
Awards/ General Information

Travel & Access
Social Programme



Family name	First name	Contribution	Page(s)
Jain	Neil	OS06-6063	112
Jang	Ki-Mo	FP40-2094	129
Jang	Suk-Hwan	P09-2857, P14-2847	159, 168
Janik	Mateusz	P16-2427	177
Janssen	Rob	RT07, P21-1115, P21-1113	41, 190, 190
Järvelä	Sally	AW01-1515	20
Järvelä	Timo	FP18	67
Järvinen	Tero	SY31, SY31-4077	73, 73
Jenny	Jean-Yves	P24-1639, P24-1633, P16-1947, FP12-1152, P24-1893, FP22-1154, P16-1156, P21-1945	208, 208, 175, 39, 208, 37, 171, 196
Jensen	Bettina	P21-2103	197
Jenssen	Kjersti Kaul	P12-1830, RT04-6368	164, 63
Jimenez	Carlos	NC05-6077	141
Johansson	Anna	P18-2408	182
Jones	Henrique	SY33, FP45, SY33-4096, SY33-5002	55, 54, 55, 55
Jónsdóttir	Kolbrún Vala	P04-2455	151
Jørgensen	Uffe Christiansen	P24-1521, FP45-1635	207, 54
Joshi-Jubert	Nayana	P22-2393, P22-2433	203, 203
Juncar	Lluisa	NC08-6399	141
Jung	Min	P23-1248	204
Jung	Tobias Maximilian	FP40, P23-2636, P19-2642	128, 206, 185
Jürgen	Herfert	SY32-5022	62
Kacar	Hajrudin	RT06-6383	103
Kaczmarek	Piotr	SY47-6340	43
Kaiser	Nadine	P22-2278	203
Kaiser	Peter	P18-2395, P18-2399	182, 182
Kajetanek	Charles	FP26-1332	35
Kambara	Shunichiro	P23-1464	204
Kameda	Toshiaki	P15-2421	170
Kanamoto	Takashi	P16-2354, P21-2373	176, 198
Kanamura	Hitoshi	P21-1127	190
Kang	Chan	P01-1884	147
Kanto	Ryo	FP18-1804	67
Kany	Jean	ICL18-6266	120
Kappe	Thomas	P12-2276	164
Kar	Adem	FP38-1299	131
Karahan	Mustafa	RT06, OS03, OS04, OS05, SY37, OS05-6054, ICL23-6163	103, 111, 111, 112, 105, 112, 133
Karakilic	Bekir	FP29-6194	76
Karelse	Anne	ICL02-6151	52
Karlsson	Jon	DE03, SY11, IL06-5006, SY02-6246	46, 21, 18, 50
Kaya Mutlu	Ebru	P17-2462	178
Kecojevic	Vaso	FP41	120
Kelly	Michael	FP44-1329, P16-1674	36, 173



Family name	First name	Contribution	Page(s)
Kennedy	John	ICL14, ICL14-6154, SY22-5084, KN01-6333	102, 102, 46, 46
Kentel	Maciej	FP25-2294	98
Kerkhoffs	Gino M.M.	ICL14, AW01, CP01, LD01, ICL14-6154, ICL14-6162, ICL08-5097, CP01-6140	102, 20, 45, 46, 102, 102, 72, 45
Kerschbaum	Maximilian	ICL02-6153	52
Kessler	Oliver	FP31-2787, FP35-2751, ICL09-6224	68, 53, 91
Ketola	Saara	FP16-6177	59
Khanduja	Vikas	SY25, SY25-6114	89, 89
Khasanshin	Mansur	P11-1751, P12-1997	160, 164
Kierkegaard	Signe	P08-1430	156
Kim	Jae Gyoon	P17-2426	178
Kim	Man Soo	P16-1907	174
Kim	Young-Mo	P06-1939, P18-1932, P16-1943, P21-1941	153, 180, 174, 196
King	Enda	P21-1738, FP09-1744	194, 27
Kinugasa	Kazutaka	P21-2114	197
Kita	Keisuke	P18-1692	180
Kitagawa	Takashi	P21-1722	194
Kitamura	Daisuke	P16-2529	177
Klos	Burt	SY04, SY04-4040, SY13-6199, P20-2625	92, 92, 86, 189
Kobayashi	Makoto	P05-2228	152
Kobayashi	Yohei	AW01-2078	20
Kocaoglu	Baris	P08-1617, FP07-1676, P09-1682, OS03-6046	156, 47, 158, 111
Kodama	Takao	P16-1052	170
Koeter	Sander	FP11, FP32	34, 66
Koga	Hideyuki	KN08-6170, FP32-1141	22, 66
Koh	In Jun	P16-2192, P16-1879, P16-1901	175, 174, 174
Kohl	Sandro	ICL11-6210, SY43-6279	113, 115
Kon	Elizaveta	SY26, SY34, ICL03-5068, SY26-6297, SY08-4055, SY34-5054	119, 119, 77, 119, 51, 119
Kondo	Eiji	P20-1338	186
Kopf	Sebastian	ICL06, FO01, KN08, FP32, FP38, P23-2482, SY06-6349, ICL06-6092	65, 104, 22, 66, 131, 206, 85, 65
Kopko	Daniel	FP27-2129	74
Kopko	Szymon	P13-2105, P04-2457	167, 151
Kornilov	Nikolay	SY44-6400, SY48	116, 116
Korolev	Andrey	OS03-6045	111
Kort	Nanne	ICL11, ME04, DE07, DE08, DE09, OS03, OS04, OS05, SY37-6123, SY42-6273, ICL11-6207, SY37-6123,	113, 116, 114, 114, 114, 111, 111, 112, 105, 79, 113, 105,
Kosaka	Masahiro	P07-2453	155
Kösters	Clemens	P20-1913	187
Kostogiannis	Ioannis	P08-1455	156
Kovacic	Ladislav	SY16-5044, DE05-6397, OS03-6044	58, 60, 111
Kraus	Natascha	SY18-6260	137
Krauss	Christine	P09-1566	158

E-posters

Faculty

Board of reviewers
Lunch workshopsPartners/ Exhibitors
FloorplansEducational Programme
Awards/ General InformationTravel & Access
Social Programme



Family name	First name	Contribution	Page(s)
Kraus-Schmitz	Jesper	P21-1463	192
Krismer	Anna	FP20-1503	75
Królikowska	Aleksandra	FP09-2266	27
Krutsch	Werner	P04-2872, P21-1421	151, 192
Kubota	Chihiro	FP18-1724, P21-2371	67, 198
Kucukdurmaz	Fatih	SY39, SY39-6299	135, 135
Kuptniratsaikul	Somsak	P14-1506	168
Kuroda	Ryosuke	SY11-5079, SY09-5052	21, 22
Kurosaka	Kenji	FP44-1772	36
Kusano	Masashi	P21-1781, P24-1877	195, 208
Kwapisz	Adam	SY14-5075	28
Kwon	Jae Ho	P19-1233	184
Kwon	Sai-Won	P21-1748	194
Kynsburg	Akos	DE02, ICL17-6011, DE02-6407	45, 122, 45
Labruyère	Charlotte	FP36-6179, FP29-2771	132, 76
Labs	Karsten	ICL21-6100	127
Lafosse	Laurent	SY18, FO02-6030	137, 104
Lampert	Christoph	ICL12, FP33, ICL12-6001	87, 88, 87
Landreau	Philippe	SY47-6339	43
Lansdaal	Joris	SY33-4098	55
LaPrade	Robert	SY05-4046, SY38-6251, ICL01-6324, ICL10-6231	84, 40, 56, 80
Larsén	Karin	PT03-4007, PT03-4008	70, 70
Lavelle	Jonathan R.	ICL04-6084	48
Laver	Lior	SY47, SY30-4083, SY47-6334, SY47-6335, P11-1550	43, 25, 42, 43, 43, 160
Leal-Blanquet	Joan	FP12-1977	39
Lee	Beomkoo	P16-1040, P20-1034	170, 186
Lee	Byung Hoon	P16-1370, P21-1362, P15-1368, FP15-1365, P15-1367, P08-1366, P16-1369, P24-1363, P21-1364	172, 192, 169, 124, 169, 156, 172, 207, 192
Lee	Choon-Key	P12-2545	165
Lee	Myung Chul	FP40-1928, P21-1931, FP40-1778	129, 196, 128
Lee	Su-Keon	P21-1247	191
Lee	Ju Hong	P16-2104, P16-1773, P16-2095	175, 173, 175
Lefevre	Nicolas	FP01-1731, P20-1652	23, 187
Legg	Andrew	P20-1340	186
Leite	Luciana	P18-1218	179
Lempainen	Lasse	SY31-4079, FP27-2505	73, 74
Leyes	Manuel	FP18, RT07-6376	67, 41
Li	Jianmo	P22-2259	203
Lichtenstein	Mia Beck	FP45-2001	54
Liebensteiner	Michael	FP22, P16-2419	37, 177
Lijoi	Francesco	FP06	44
Lim	Joel	P21-1478	193
Lim	Yee Gen	FP34-1139	100



Family name	First name	Contribution	Page(s)
Lima Santos	Filipe	P09-2417	159
Lind	Martin	SY04-4037, FP39-1835	92, 121
Linde	Fco. Javier	PT02, PT05	138, 138
Lion	Alexis	P24-1504	207
Lobenhoffer	Philipp	SY41, SY41-6287	78, 78
Lobner	Stefan	FP11-2038	34
Logerstedt	David	FP41-2677	120
Lopez Vidriero	Emilio	ICL02-6152, ICL22-6109, FP45-2216, FP36-2208	52, 130, 54, 132
Lorbach	Olaf	P18-2012, P18-2018	181, 181
Lord	Breck R	P24-2274, P24-2481, FO01-6024	209, 210, 14
Loriaut	Philippe	FP05-2713	31
Lozano	Luis	P16-1841, P16-1839	173, 173
Ludvigsen	Tom Clement	SY16	58
Lund	Bent	FP17-2450, ICL12-6004	134, 87
Lutz	Christian	P20-2338	188
Lynch	Andrew	P20-2280	188
Macaluso	Andrea	PT05-4011	71
Machado	Sara	P16-2031, P18-2045	175, 181
Maculé	Francisco	NC03-6070	41
Madadi	Firooz	P21-2035, P16-2107	196, 175
Madirolas Alonso	Xavier	ICL14-6155	102
Madry	Henning	ICL03, ICL03-5067, SY08-4052, SY34-5055	77, 77, 51, 119
Maes	Michael	P21-2133	197
Maestro	Antonio	SY33-4097, RT03-6375, P07-1303	55, 66, 154
Magnitskaya	Nina	FP41-6189	120
Mahirogullari	Mahir	RT07-6377	41
Makridis	Konstantinos	P21-1763, P01-1760, FP39-1759	194, 146, 121
Maletis	Greg	SY36-4089	101
Malinowski	Konrad	RT08-6385	32
Manning	William	FP12-2435, P16-1448	39, 172
Manojlovic	Slavko	SY46-6175	128
Manzotti	Alfonso	P18-1569	179
Marcacci	Maurilio	SY42-6272, SY48-6402	79, 116
Marcheggiani Muccioli	G. M.	FP30-2219, FP37-2225	49, 126
Mardones	Rodrigo	SY27-4069, P08-1193	93, 155
Margalet	Eric	OS02-6039	110
Margheritini	Fabrizio	ICL01, SY05-4042, ICL01-6326	56, 84, 56
Marín-Peña	Óliver	SY25-6112	89
Marmotti	Antonio	ICL03-5071, P07-2075, P06-2079, P07-2076	77, 155, 153, 155
Martetschläger	Frank	ICL15-5089	106
Mas Martinez	Jesus	P08-2169	156
Masferrer Pino	Angel	P18-2530	182
Mastrolalos	Dimitrios	P20-2516	189
Mastropiero	Javier	P01-1264	146

E-posters

Faculty

Board of reviewers
Lunch workshops

Partners/Exhibitors
Floorplans

Educational Programme
Awards/General Information

Travel & Access
Social Programme



Family name	First name	Contribution	Page(s)
Masuda	Tetsuro	P21-1288	191
Matheny	Lauren	P23-2615	206
Matsui	Kentaro	P01-2072, FP15-2063	147, 124
Matsumura	Takashi	P21-2371	198
Matsunaga	Ryo	P01-2346, P21-2166	148, 197
Mayr	Hermann O.	SY33, SY33-4093, SY33-5000, RT05-6360, SY02-6240	55, 55, 55, 23, 50
McCarthy	Mary Beth	P14-1190, P06-1191	168, 152
McClelland	Jodie	P21-1915, P16-2332	195, 176
McNeil	John	P11-2797	162
Mediavilla	Iñaki	P24-1256	207
Meglic	Uros	FP33-6191, P21-1433	88, 192
Mendigutxia	Jurdan	PT11-4032	109
Menetrey	Jacques	AW02, SY32, IL02, SY46	19, 62, 118, 128
Menge	Travis J.	P10-2058	159
Metcalfe	Andrew	FP11-2315, P16-2308	34, 176
Meuffels	Duncan	RT01-6367	41
Meyer	Dominik	SY16-5047	58
Mickevicius	Tomas	P22-1938	202
Mickiewicz	Patrycja	P23-2285	205
Mihelic	Radovan	FP37	126
Milankov	Miroslav	P21-1126	190
Milano	Giuseppe	ICL15, FP05, ICL15-5085	106, 31, 106
Minatani	Atsushi	P20-2473	189
Minguell	Joan	FP43-1379	18
Mintal	Tibor	P24-1656	208
Mitchell	Justin J.	FP37-2054, P10-2030	126, 159
Mitev	Konstantin	RT03-6366	66
Miyake	Satoshi	P11-2372, P14-1911	161, 168
Miyatake	Katsutoshi	P12-1737	163
Miyatake	Shin	P23-2584	206
Miyazawa	Shinichi	P16-2380	177
Moatshe	Gilbert	FP39-2708	121
Mogos	Stefan	RT07-6384	41
Moksnes	Håvard	ICL08-5099, SY10-6306, SY10-6307	72, 88, 88
Monaco	Edoardo	P24-2234, FP35-2240	209, 53
Monllau	Joan Carles	ICL04, IL08, SY13, P21-2153, P18-2164, ICL04-6082	48, 51, 86, 197, 181, 48
Moon	Chan-Woong	P23-2064	205
Moon	Sang-Won	P21-1361	191
Moreau	Bill	FP17-2821	134
Moroder	Philipp	ICL15-5087	106
Morooka	Takatoshi	P04-2523	151
Morsy	Mohamed	P12-1549	163



Family name	First name	Contribution	Page(s)
Mosquera	Manuel	SY27-4067	93
Mouton	Caroline	AW02-6178, P20-1912, P20-2101, SY02-6240	19, 187, 188, 50
Moya-Guijarro	Daniel	P19-2475	185
Mukai	Shogo	P02-1829	149
Müller-Stromberg	Jochen	FP17-1994	134
Mumme	Marcus	P22-2174	202
Muñoz-García	Nuria	P22-1857	202
Muramatsu	Koichi	P21-1626	194
Murase	Atsunori	FP30-1599	49
Murawski	Christopher	FP07, P01-2738, FP07-2341, CP01-6142	47, 148, 47, 45
Musahl	Volker	OS02, SY02, OS04-6050, SY02-6241	110, 50, 111, 50
Myers	Christopher	ICL22-6105	130
Mygind-Klavsen	Bjarne	RT09-6380	42
Nakagawa	Yasuaki	FP46-1311	63
Nakamae	Atsuo	SY12-5061, P21-1623	21, 194
Nakase	Junsuke	P21-1860, FP46-1522	195, 63
Nakayama	Hiroshi	P23-2182, P23-2357	205, 205
Näsmark	Annica	PT03, PT06	139, 139
Nastov	Nebojsa	RT03-6366	66
Natera	Luis	P09-1904	158
Nau	Thomas	FP38-1518	131
Nebelung	Wolfgang	ICL21, FP21, ICL21-6103	127, 57, 127
Negrin Vyhmeister	Roberto	SY32-5020	62
Neyret	Philippe	DE01, SY04, SY41-6285	52, 92, 78
Nha	Kyung	P15-1241, P23-1230, P19-1242	169, 204, 184
Nicolai	Paul	P16-2300	176
Niemeyer	Philipp	SY36, SY36-4092	101, 101
Nikolopoulos	Dimitrios	P20-1234	186
Nishida	Yohei	FP24-2233	94
Nishio	Hirofumi	P06-1970	153
Nishizawa	Yuichiro	FP29-1359, P21-1531	76, 193
Noda	Masahiro	P01-1063	146
Noguera	Joan Miquel	FP16	59
Noriego Muñoz	Diana	P02-2645	149
Nouri	Abdullah	P18-1328	179
Nové-Josserand	Laurent	ICL21-6101	127
Nozaki	Masahiro	P24-1540	207
Numata	Hitoaki	P22-2167	202
Nyland	John	P05-1204	151
Ochi	Mitsuo	SY12, SY12-5059	21, 21
Odagiri	Haruki	FP15-1702	124
Ogawa	Munehiro	P22-2572	203
Ogut	Tahir	ICL17-6012	122
Oh	Luke S.	ICL13-6147	97

E-posters

Faculty

Board of reviewers
Lunch workshops

Partners/Exhibitors
Floorplans

Educational Programme
Awards/General Information

Travel & Access
Social Programme



Family name	First name	Contribution	Page(s)
Ohzono	Hiroki	P12-2110	164
Ojima	Tomohiro	P16-2651	177
Oka	Shinya	P24-1733	208
Okada	Yohei	P16-2607	177
Okawa	Yasuaki	P04-1142	150
Okimura	Shinichiro	P21-1951	196
Oliveira	Miguel	ICL16-6220	118
Oller	Barbara	P16-2250	176
Ollivier	Matthieu	SY06-6348, P16-1665	85, 173
O'Malley	Edwenia	P20-1803, P20-1808, FP09-1811	187, 187, 27
O'Malley	Martin	ICL14-6157	102
Ono	Yohei	FP16-1827, P12-1612, P12-1511	59, 163, 163
Opdam	Kim	P01-2287	147
Orava	Sakari	ICL08-5098	72
Ortega	María	NC05-6071	141
Orth	Patrick	FP28-1201, ICL16-6216	94, 118
Oshima	Takeshi	FP08-1718	96
Ostermann	Roman	P11-2780	162
Othman	Ahmed	P22-1143, P12-1261, P21-1217, P01-1122	201, 163, 190, 146
Otsuki	Shuhei	P18-1312	179
Ouanazar	Hervé	P16-1268	171
Owesen	Christian	SY36-4090	101
Özbaydar	Mehmet Ugur	SY37-6121	105
Ozols	Eriks	P16-1209	171
Paccot	Daniel	FP39-2170	121
Palazón-Banegas	Miguel Angel	P22-2267	203
Palmer	Jonathan	FP40-1952, P15-2004	129, 169
Pålsson	Anders	P08-2503	157
Panagopoulos	Andreas	FP34-1336	100
Papadopoulos	Andreas	P12-2602	166
Papadopoulos	Dimitrios	P01-2643, FP34-2696	148, 100
Papalia	Rocco	P11-2578, P12-2574, P22-2562, P17-2714	161, 165, 203, 178
Papavasiliou	Athanasios	P08-2608	157
Pape	Dietrich	ICL16, ICL16-6217	18, 118
Park	Hee Gon	P21-1059, P16-1061	190, 170
Park	Sang Eun	P16-1771, P21-1774	173, 195
Park	Sang jin	FP40-2224, P15-2223	129, 170
Parkinson	Richard	RT04-6378, P16-1990	63, 175
Pasa	Libor	P23-2697	206
Paschos	Nikolaos	FO01, P24-2100, P18-2097	104, 209, 181
Pauls	Jerome	PT05-4015	71
Pauzenberger	Leo	FP37-2314, ICL21-6099	126, 127



Family name	First name	Contribution	Page(s)
Pearce	Christopher Jon	ICL07-6316, SY22-5082	69, 46
Pearle	Andrew	SY42-6275	79
Peces García	Enrique	P11-2533, P21-2459	161, 199
Pederzini	Luigi	ICL20, SY19, SY19-5011, ICL13-6144, ICL20-6017	125, 98, 98, 97, 125
Pedowitz	Robert	SY37-6122	105
Pedrinelli	André	SY29-6352	25
Pekgöz	Ferit	P12-2441	165
Pelfort López	Xavier	FP39, P15-2251, FP33-2610, ICL10-6230	121, 170, 88, 80
Penev	Preslav	P02-2742	149
Penuelas	Ines	P24-2222	209
Perdisa	Francesco	P22-1729, FP24-2183	201, 94
Pereira	Helder	ICL17, SY30, KN11, SY30-4084, OS02-6043, SY47-6336, ICL17-6014, SY21-6119, DE02-6406	122, 25, 95, 25, 110, 43, 122, 44, 45
Pereira	Rogério	PT04, PT11, PT11-4033	71, 109, 109
Pereira Ruiz	Maria Teresa	FP36-1761	132
Perera	Anthony	SY21-6120	44
Perera	Poruthotage Milan Nilendra	P13-1786	167
Peretti	Giuseppe M.	ICL03, FP08	77, 96
Pérez	Gemma	NC03	140
Perez Prieto	Daniel	FO02	104
Pessoa	Pedro	RT05-6370	23
Petersen	Wolf	FP01, SY29, SY29-6344, RT05-6360	23, 25, 25, 23
Petri	Maximilian	FP05-6181	31
Philippon	Marc	SY24, SY24-4060	89, 89
Phonphok	Pason	P10-1666	159
Piekaar	Roderick	FP16-2618	59
Pinar	Halit	FP31	68
Pinheiro Torres	Tiago	P01-2634	148
pinsornsak	piya	P16-1876	174
Piontek	Tomasz	FP32-2729	66
Plancher	Kevin	P21-2252, FP03-2253, P16-2247, FP26-2256, FP48-2217	198, 28, 176, 35, 38
Plastow	Ricci	P21-2039	197
Plaweski	Stephane	P21-2590, FP14-2600	199, 92
Plenzler	Marcin	P04-2176, P21-2774	151, 200
Png	Wenxian	P01-2509	148
Poberaj	Boris	ICL02, FP04, SY14-5074	52, 29, 28
Pouderoux	Thomas	P21-1608	193
Prejbeanu	Radu	OS06-6061, P18-2389	112, 182
Price	Andrew	FP48-2432	38
Pruna	Ricard	SY31-4081	73
Prusinska	Agnieszka	FP47-2736	95

E-posters

Faculty

Board of reviewers
Lunch workshopsPartners / Exhibitors
FloorplansEducational Programme
Awards / General InformationTravel & Access
Social Programme



Family name	First name	Contribution	Page(s)
Puddu	Giancarlo	IL05-5042	48
Puig Verdie	Lluís	NC03-6069	141
Puigdellivol	Jordi	SY31, SY31-4080	73, 73
Pujol	Nicolas	ICL06, ICL09-6222, SY05-4044, SY13-6202, P19-2688, P21-1071, P23-1159, P23-1147, ICL06-6091	65, 91, 84, 86, 185, 190, 204, 204, 65
Putzer	David	ICL23-6164	133
Ra	Ho Jong	FP26-2414, P21-2582	35, 199
Radice	Fernando	SY27, SY27-4070	93, 93
Rahu	Madis	P14-1849	168
Ramaskandhan	Jayasree	FP12-2623	39
Randelli	Pietro	OS02, ICL18, SY14, SY14-5073, ICL02-6150, OS01-6034, P14-2527, FP16-2537, ICL18-6264	110, 120, 28, 28, 52, 110, 168, 59, 120
Ranuccio	Francesco	P06-1805	153
Raposo	João	P16-1497	172
Rathcke	Martin	P11-2842	162
Reboul	Pascal	ICL16-6214	118
Reider	Bruce	SY38-6248	40
Reilingh	Mikel	FO03, AW02-6186, FP06-2013, CP01-6142	103, 19, 44, 45
Reppenhagen	Stephan	P07-2193	155
Reurink	Gustaaf	FP27, PT08-4022, ICL08-6000	74, 107, 72,
Reuter	Sven	P05-2404	152
Rincon	Gustavo Andres	FP20	75
Robert	Henri	P24-1607	208
Roberti Di Sarsina	Tommaso	FO01-6024	104
Robinson	James	SY04-4035	92
Rocha Piedade	Sergio	P21-1144	190
Rodaix	Camille	P11-1711	160
Rodkey	William	FP28-2210	94
Romero	Dani	PT07, PT01, PT03	70, 70, 70
Ronga	Mario	SY26-6295, P22-2810	119, 203,
Rönnblad	Erik	P23-1725	204
Rossi	Roberto	FP09	27
Rosso	Claudio	P09-1679	158
Rosso	Federica	FP01-1812, FP10-1838, P16-1836	23, 33, 173
Rudolph	Jennifer	P21-2815, P15-2641	200, 170,
Ruiz Almarza	Virginia	FO02-6028	104
Ruiz Iban	Miguel Angel	FP03, DE04-6396	28, 60,
Russo	Alessandro	OS02-6042, P06-1530	110, 152,
Ryd	Leif	P22-2123	202
Ryman Augustsson	Sofia	P13-1281	167
Sabnis	Bhushan Madhav	FP18-2694	67
Saccomanno	Maristella Francesca	P11-2712, P12-2719, FP02-2721, P18-2724, P12-2837	162, 166, 29, 183, 166



Family name	First name	Contribution	Page(s)
Saenz	Ivan	ICL18-6265, ICL18-6264, ICL18-6266, ICL18-6267, ICL18-6268, ICL10-6229	120, 120, 120, 120, 120, 80
Saffarini	Mo	P18-2108	181
Safran	Marc	ICL13, SY20, ICL13-6143, ICL20-6021, SY20-6252	6, 97, 99, 125,
Said	Hatem	ICL12-6003	87
Saigo	Takaaki	P07-1935	154
Saita	Yoshitomo	P21-2049	197
Saithna	Adnan	P09-1294, P09-1292	158
Saito	Masahiko	P21-1253	191
Salreta	José Filipe	FP10, SY40-6283	33, 78
Samuelsson	Kristian	SY11-5076, AW01-1603	21,20,
Sánchez-Soler	Juan Francisco	FP26-2633, P16-2705	35,177
Sanchis-Alfonso	Vicente	IL07-5008, P18-2036	81,181
Sänger	Rebecca	FO02-6029	104
Sano	Teiichi	P12-2156	164
Saragaglia	Dominique	SY41-6287	78
Sarasquete	Juan	ICL18-6265, P09-2411	120, 158
Sarimo	Janne	P21-2172	198
Sasahara	Jun	P01-1238	146
Sasaki	Yusuke	P24-2655, P21-1298	210,191
Sastre	Sergi	FP29	76
Saula	Marta	PT02, PT03	138, 138
Sbihi	Abdou	ICL23-6165	133
Scheffler	Sven	RT05, FP01, FP30, ICL01-6322, SY01, SY01-6095	23, 23, 24, 49, 56, 24, 24
Schemmann	Dirk	P24-2672	210
Schilders	Ernest	ICL12-6006	87
Schroder	Cecilie P.	AW02-6187, FO02-6029	19,104
Schuermans	Joke	P04-1470	150
SCIARRETTA	FABIO VALERIO	P16-2096	175
Seeger	Jörn	P07-1007	154
Seijas	Roberto	NC05-6078	141
Seil	Romain	SY10, SY40, IL01, SY13-6200, PT05-4015, SY10-6303, SY10-6307, SY02-6245, IL03, SY47-6338, SY26-6298	88, 78, 19, 86, 71, 88, 88, 50, 48, 43, 119
Seo	Young-Jin	P21-2434, P21-1454	199,192
Serner	Andreas	SY23-4064	90
Sernert	Ninni	PT05-4010, P21-1611	71,194
Servien	Elvire	SY08, FP26, SY08-4053, OS04-6051, ICL04-6083	51,35, 51, 111, 48
Sessa	Andrea	FP31-2180	68
Sevivas	Nuno	SY19-5014	98
Sgroi	Mirco	P23-2586	206
Shabshin	Nogah	SY26, SY26-6296	119, 119
Sharma	Abhishek	P17-2577, P18-2673	178,183

E-posters

Faculty

Board of reviewers
Lunch workshops

Partners/ Exhibitors
Floorplans

Educational Programme
Awards/ General Information

Travel & Access
Social Programme



Family name	First name	Contribution	Page(s)
Shimizu	Ryo	P21-2400	199
Shimizu	Sadanori	P18-2415	182
Siebold	Rainer	ICL19, FP35, SY30-4082, SY10-6305, ICL19-6238	7, 136, 53, 25, 88, 136
Sieczych	Krzyszimir	P13-2130, P13-2654	167,167
Sigurdsson	Hjalmar Jens	P24-2464	210
Sihvonen	Raine	FP18-1265	67
Sillanpää	Petri	OS04-6052, RT02-6357	111,64
Sillero	Amalia	NC03-6069	230
Silva	Alcindo	RT01-6371	41
Silva	Amila	FP46-2701	63
Silvestre	Rony	P20-2086	188
Singh	Amritpal	P21-1050, P16-1375	232,172
Skowronek	Pawel	FP12	39
Skramm	Inge	RT04-6368	63
Slullitel	Daniel	FP39, DE05-6397, ICL18-6267	121, 60, 120
Slynarski	Konrad	FP28, P17-2046, ICL03-5065, FP40-2048	94, 178, 77, 129
Smigielski	Robert	FP36, ICL01-6321	132, 56
Smith	Patrick A.	FP38-1680	131
Smolinski	Patrick	P24-2220, P19-2302, FP14-2352, P24-2668	209, 185, 92, 210
Snow	Martyn	P18-1657, P18-2779, P12-2281, P18-1655	180, 183, 165, 180
Snyder-Mackler	Lynn	FP37	126
Soares	Eduardo	FP33-1851, P08-2795	88, 157
Soejima	Takashi	P16-2152	175
Sokolov	Tsvetan	FP38-6176	131
Soler Romagosa	Francesc	RT07-6376, ICL03-5064	41, 77
Song	Guan-yang	P21-1863, P21-1873	195, 195
Song	JaeGwang	P19-2087	185
Soni	Ashish	FO01-6025, P23-1047, P20-2495, P20-1616, P20-1601	104, 204, 189, 187, 187
Sonnery-Cottet	Bertrand	SY31-6319	73
Spahn	Gunter	FP28-2021	94
Spalding	Tim	ICL09, ICL09-6223	91, 91
Spennacchio	Pietro	DE02, OS05-6056	45, 112
Spormann	Christophe	P11-1824	161
Stärke	Christian	SY40-6282, ICL06-6088	78, 65
Stefanov	Vladimir	RT06-6355	103
Stefansson	Stefan H	P01-2286	147
Steinwachs	Matthias	KN11-6311	95
Stephen	Joanna	PT07-4021	107
Stepien	Karolina	P19-1813	184
Stevanovic	Vladan	FP34-1853, ICL05-5090	100, 61
Stijak	Lazar	P24-1565, P21-1564	207, 193
Stöhr	Amelie	FP44-6180	36



Family name	First name	Contribution	Page(s)
Strachan	Robin	ICL11-6211	113
Strauss	Marc Jacob	FP31-2768	68
Strickland	Sabrina	P18-2349, P18-1440, FP11-1720, P18-1120	182, 179, 34, 179
Stufkens	Sjoerd	FP15, SY22-5081, SY35-4075	124, 46, 123
suga	norifumi	P19-2383	185
Suijkerbuijk	Mathijs	FP17-2492	134
Surer	Levent	P24-2356	210
Suzuki	Tomoyuki	P15-2525, P24-2540	170, 210
Szakálas	Judit	P04-1637	150
Tabuchi	Kousuke	P19-2113	185
Takahashi	Hirotaaka	P07-2066	154
Takao	Masato	CP01-6140	45
Takata	Yasushi	P21-1377, P05-1428, P04-1103	192, 151, 150
Take	Yasuhiro	P21-2158	197
Takeda	Yoshitsugu	P12-1295, P12-2597	163, 166
Tállay	András	P13-2757	167
Tanaka	Kazunori	P21-1427	192
Tanaka	Yoshinari	P21-1410	192
Tandogan	Reha	SY44, SY44-4048, ICL11-6213	116, 116, 113
Tanesue	Ryo	P12-1955	164
Tang	Camelia	FP07-1560	47
Tashiro	Yasutaka	FP09-1437, P24-1524	27, 207
Tatari	Mehmet Hasan	P06-1300	152
Tauber	Mark	SY14, SY14-5072, SY17-6135	
Tauste	Eladia	NC01	140
Taverna	Ettore	PF04, ICL02, FP04, SY45-5031, P11-1301	29, 52, 29, 82, 160
Tecklenburg	Katja	ICL23, FP20	133, 75
Terai	Shozaburo	P07-1313	154
Teraoka	Takanori	P21-1662	194
Tey-Pons	Marc	ICL12, SY24-4058, SY46, ICL12-6002	87, 89, 128, 87
Thoreux	Patricia	RT03-6359	66
Tigerstrand Grevnerts	Hanna	P21-1514	193
Tischer	Thomas	RT02-6362	64
Tivener	Kristin	P02-1349	149
Tol	Hans	FP17, SY23, ICL08, OS05-6057	134, 90, 72, 112
Tolk	J.J.	P16-1146, P17-1145	171, 178
Tomihara	Tomohiro	P21-1491	193
Tompkins	Marc	P18-1695, P19-1618, P23-2092	180, 184, 205
Tornero	Eduard	FP22-6192	37
Torres	Miguel A.	IL08-6139	51
Totlis	Tryfon	FP12-2811	39
Toussaint	Bruno	ICL21, SY15-5025, LD04-6308	127, 32, 24
Trabalón	Mónica	NC06	141
Trigueiros	Miguel	FP34	100

E-posters

Faculty

Board of reviewers
Lunch workshops

Partners / Exhibitors
Floorplans

Educational Programme
Awards / General Information

Travel & Access
Social Programme



Family name	First name	Contribution	Page(s)
Tscholl	Philippe	FP11-1528	34
Tsuchiya	Saho	P11-1802	161
Tsuda	Eiichi	P18-1620	179
Tsukada	Sachiyuki	FP44-1640, P16-1862	36, 174
Tuca	Maria	P21-2191, P22-2205, FP41-2258, P21-2197, P23-2244	198, 202, 120, 198, 205
Tucciarone	Agostino	FP43-1401	18
Tuijthof	Gabrielle	SY37, SY37-6125	105, 105
Turnbull	Travis	P12-1507, P23-2201, P01-2321, P01-1999, P01-2331, P08-1828	163, 205, 147, 147, 147, 156
Tzanakakis	Nikolaos	FP05	31
Tzioupis	Chris	P20-1822	187
Tzoanos	Georgios	P05-1527	151
Uboldi	Francesco Mattia	P18-1963, FP47-1969	180, 95
Uchida	Ryohei	P21-1229, P21-1484	191, 193
Ueki	Hiroko	P12-2445	165
Ulstein	Svend	P21-1492	193
Unal	Meric	FP34-1746, P16-2249	100, 176
Unal	Vuslat Sema	OS06-6062	112
Unwin	Olivia	P16-2693	177
Urabe	Yukio	SY32-5021	62
Usuelli	Federico	AW01-2538	20
Vadzyuk	Nazar	RT03-6379	66
Valentí	Andres	P16-2171, P16-2177	175, 175
Valkering	Kars	P18-2875	183
van Assche	Dieter	FP28, PT05-4014, ICL03-5070	94, 71, 77
van Beers	Loes	P21-2245	198
van Bergen	Christiaan	FP06	44
van Cingel	Robert	PT02, PT05, PT09-4026, PT02-4000	70, 71, 108, 70
Van de Velde	Samuel	FP35-1691	53
van den Bekerom	Michel	ICL13, SY19, ICL13-6145, P11-1422, P23-2777, P11-1793	97, 98, 97, 160, 206, 160
van der Linde	Just	P11-1356	160
van der Made	Anne	ICL08-5096, ICL08-5095	72, 72
van der Meijden	Olivier	FO02, P04-1429	104, 150
van der Merwe	Willem	SY09, SY09-5049, FP13-1959, P22-1981	22, 22, 40, 202
van der Wal	Wybren A	P19-2235	185
van Dijk	Robbert	P21-1348, P21-1360	191, 191
van Dijk	C. Niek	SY21, SY21-6116, FO03-6032	44, 44, 103
van Dijk	Pim	ICL14-6158, P01-1820, P11-2162	102, 146, 161
van Eck	Carola	P21-1343	191
van Egmond	Kees	FP20-1197	75
van Gennip	Stijn	P19-1900	184
van Heerwaarden	Ronald	FP40, SY40, SY40-6283	128, 78, 78
van Kuijk	Koen	P21-2556	199



Family name	First name	Contribution	Page(s)
van Riet	Roger	ICL20, SY20, SY19-5013, ICL13-6146, ICL20-6022	125, 99, 98, 97, 125
van Tienen	Tony	ICL09-6331	91
Van Tongel	Alexander	FP25, ICL20-6015	98, 125
Vannini	Francesca	FP06-1960, FP40-2144	44, 129
Vaquerizo	Víctor	P12-1420	163
Vaquero	Javier	FP08	96
Varatojo	Ricardo	FP44, RT01-6371	36, 41
Vargas	Luis	SY27-4066	93
Vasso	Michele	SY44-4051, P16-1908	116, 174
Vega	Jordi	ICL07, ICL07-6313, FO03-6031	69, 69, 103
Venjakob	Arne J.	P15-1825	169
Ventura	Alberto	P20-2657	189
Verdonk	Peter	ICL09, RT03, ICL09-6221, ICL09-6226, SY42-6271, SY08-4054, SY09-5053, P22-1588, P22-1590	91, 66, 91, 91, 79, 51, 22, 201, 201
Verdonk	René	KN03, SY34-5056, SY06-6350	84, 119, 85
Verdonschot	Nico	P23-2229, P24-2213	205, 209
Vereecken	Styn (on behalf of the team of Prof. Staes)	PT08, PT10	139, 139
Verhaar	Jan	FP26, SY42, KN09-6256	35, 79, 35
Viacava	Alejandro	P20-2061	188
Vidal	Aleix	SY32, SY32-5015	62, 62
Vide	Joao	FO03, FO03-6033	103, 103
Vide	Joao	P01-1587	146
Vilches Fernandez	Jose Manuel	P16-1344	172
Vilchez	Felix	P17-1669, P06-1668	178, 153
Villar	Richard Neville	IL04-5007	81
Villodre	Joaquín	FO02-6027	104
Violante	Bruno	SY43	115
Vioreanu	Mihai	ICL05	61
Visnes	Håvard	P05-2557	152
Volz	Martin	FP47-2190	95
von Essen	Christoffer	P20-1705	187
von Rügen	Christian	FP25-1149	98
Voss	Andreas	FP05-1196	31
Vouillamoz	Marc	SY28-5039	26
Wade	Roshan	KN02-6395	75
Walden	Markus	SY47, SY36-4091, SY47-6334	43, 101, 43
Waldstein	Wenzel	P16-2209	176
Wanivenhaus	Florian	FP44-2465	36
Wascher	Daniel	SY04-4036	92
Watson	Jonathan	FO01-6023, P24-1698	104, 208
Watts	Adam	SY20-6253	99
W-Dahl	Annette	SY40-6284	78
Webster	Kate	P21-1770, P21-2483, SY01-6098	194, 199, 24

E-posters

Faculty

Board of reviewers
Lunch workshops

Partners/Exhibitors
Floorplans

Educational Programme
Awards/General Information

Travel & Access
Social Programme



Family name	First name	Contribution	Page(s)
Weel	Hanneke	P11-2767, P11-2778, P01-2803, P11-1854	162, 162, 148, 161
Weiler	Andreas	ICL01-6327	56
Weir	Adam	SY23-4062	90
Werner	Suzanne	PT02, PT05, PT06, PT10, PT11, PT05-4017	70, 71, 107, 108, 109, 71
Westin	Maria	PT11-4029	109
Whitehead	Timothy	SY11-5080	21
Wierer	Guido	FP29-2248	76
Wiewiorski	Martin	FP06-1094, FP15-1129, P22-1093	44, 124, 201
Willberg	Lotta	PT07, PT05-4016	107, 71
Williams	Andy	ICL04, KN10, SY33-4099, FP14-6195, SY09-5051, LD05-6328, ICL19-6237	48, 33, 55, 92, 22, 24, 136
Williams	Marc	PT02-4001	70
Wilson	Adrian	SY41-6285	78
Windhagen	Henning	SY48-6403	116
Witjes	Suzanne	FP26-1158	35
Witvrouw	Erik	PT05-4012	71
Wright	Andrew	P12-1882	164
Yabumoto	Hiromitsu	P22-1878	202
Yamasaki	Shinya	P23-1354	204
Yasuda	Kazunori	KN07-6172	74
Yasui	Youichi	ICL14-6159, P01-1258, FP15-2361, FP06-2364, P06-1260, P08-1284, P08-1267	102, 146, 124, 44, 152, 155, 155
Yasuma	Sanshiro	FP35-1584	53
Yazdi	Hamid reza	P20-1138	186
Yela	Christian	P20-2279	188
Yiannakopoulos	Christos	P20-2737, P11-2151, P20-2136, P11-2147, P12-2149, P09-2138, P20-2143, P08-2759	189, 161, 188, 161, 164, 158, 188, 157
Yoda	Masaki	P21-1986	196
Yokoe	Takuji	P21-1236	191
Yokota	Masashi	FP20-1237	75
Yoneda	Minoru	P12-2551	165
Yonetani	Yasukazu	P19-1765	184
Yoon	Gilsung	P21-1712, P15-1714	194, 169
Yoon	Kyoung Ho	P21-1891, P21-1896, FP14-1897	195, 195, 92
Yoshimura	Ichiro	P01-1098	146
Zacharopoulos	Athanasios	SY32-5017, SY46-6183	62, 126
Zaffagnini	Stefano	KN07, SY02, FP30, ICL09-6228, SY35-4073, OS04-6049, P21-1988, P21-2109, FP31-2119, FP26-2137, P23-2132, P24-2238, RT05-6364, SY02-6247	74, 50, 49, 91, 123, 111, 196, 197, 68, 35, 205, 209, 23, 50
Zampeli	Francesca	P21-2725, P21-2674	200, 200
Zaorski	Piotr	P05-2328	152
Zasadnyuk	Ivan	RT03-6379	66
Zdanowicz	Urszula	FP45, SY13-6198, ICL04-6081	54, 86, 48
Zebis	Mette	SY47-6342	43
Zellers	Jennifer	P05-1768, P05-1678	151, 151



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Zellner	Johannes	P22-2009, P07-2016	202, 154
Zhou	Zhihong	P16-1578	173
Zikria	Bashir	P20-1347	186
Zimmerer	Alexander	P23-2125	205
Zorzi	Claudio	FP48	38
Zupanc	Oskar	ICL05-5092	61
Zwiers	Ruben	FP15-2541, P01-2548, FP07-2798	124, 148, 47

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Travel & Access
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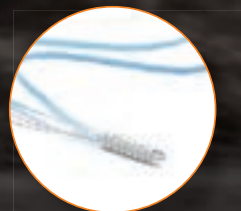
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112**

Arthrex GmbH



LW01 **New Trends in Lower Extremities**

Chair: Patrick A. Smith, USA

Topic: ALL Expert Group Consensus

Speaker: Bertrand Sonnery-Cottet, France

Topic: Ramp Lesions of the Posteromedial Meniscus

Speaker: Mathieu Thauinat, France

Topic: ACL Primary Repair with InternalBrace™

Speaker: Jürgen Barhofer, Austria

Topic: Autologous Fat / BMC Injections for OA Treatment in the Knee

Speaker: Konrad Slynarski, Poland

Topic: Accelerated Rehabilitation Possibilities with the Achilles Midsubstance SpeedBridge™
Repair for Achilles Tendon Ruptures

Speaker: Ahmad Malik, UK

**ROOM
124-125**

Amedix GmbH



LW02

Topic: A new arthroscopical approach to restore hyalin cartilage in knee joints.

Speaker: Ulrich Schneider, Germany

Topic: Clinical experience with Chondrofiller.

Speaker: Olaf Th. Beck, Germany



ROOM
120-121

medi GmbH & Co. KG



LW03 **Innovative treatment for acute and chronic PCL injuries with a new dynamic knee brace**

Chair: Philip B. Schöttle, Germany

Topic: Previous problems and reflexion

Speaker: Philip B. Schöttle, Germany

Topic: Biomechanical investigation

Speaker: René Attal, Austria

Topic: Conservative vs. Surgical treatment

Speaker: Adrian Wilson, UK

Topic: New PCL brace – Experience with high profile Athletes

Speaker: Ramon Cugat, Spain

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ROOM
122-123

S.B.M. SAS



LW04 **Versatile juxtacortical fixation for Anterior Cruciate Ligament reconstruction: PULLUP®**

Topic: Inside-out

Speaker: Philippe Colombet, France

Topic: All-inside

Speaker: David Dejour, France

Topic: Outside-in

Speaker: Jean Claude Panisset, France

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 Lunch workshops

Partners/Exhibitors
 Floorplans

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116

Smith & Nephew, Inc.



LW05 **Complex Shoulder Repairs, Innovative Techniques**

Moderator: Martyn Snow, UK

Topic: Advances in Rotator Cuff Repair:
 How far have we come with Techniques and Technology?

Speaker: Nikhil N. Verma, USA

Topic: Superior Capsular Reconstruction: Tips and Tricks for Success

Speaker: Martyn Snow, UK

Topic: Innovative Approaches to Treating Inferior Glenohumeral Instability

Speaker: Ettore Taverna, Italy

Educational Programme
 Awards/General Information

Travel & Access
 Social Programme



**ROOM
117**

Smith & Nephew, Inc.



LW06 **Anatomic ACL Reconstruction**

Moderators: Charles Brown, UAE
James Robinson, UK

Topic: Introduction
Speaker: Charles Brown, UAE
James Robinson, UK

Anatomic ACL Reconstruction

Topic: Strategies to achieve anatomic tunnel placement
Speaker: James Robinson, UK

Managing the High-Grade Pivot Shift

Topic: What does it take to have a Grade III pivot-shift
Speaker: Stefano Zaffagnini, Italy

Topic: How to control a grade 3 pivot shift ...
– Add a PL bundle
– Look for and repair a Lateral Meniscus root tear
– Biomechanical rationale for extra-articular reconstruction
Speakers: Freddie Fu, USA
Charles Brown, UAE
Andrew Amis, UK

The Role of Extra-Articular Reconstruction in ACL Surgery

Topic: Anatomic ALL Reconstruction
Speaker: Bertrand S-Cottet, France

Topic: The ALL is not the whole story
Speaker: Andy Williams, UK

Topic: Adding a Lat. extra-articular reconstruction may over constrain the knee
Speaker: Volker Musahl, USA

Topic: Indications for extra-articular reconstruction
Speaker: Alan Getgood, Canada

Topic: The current state of Lat. extra-articular reconstruction: The Editors View
Speaker: Jon Karlsson, Sweden

Panel Discussion

All faculty



**ROOM
112**

Arthrex GmbH



LW07 **New Trends in Upper Extremities**

Chair: Chris Adams, USA

Topic: Superior Capsule Reconstruction for Irreparable Cuff Tears
Speaker: Dirk Petré, Belgium

Topic: Biologic Options for Shoulder Arthroplasty
Speaker: Werner Anderl, Austria

Topic: Infection Control with PRP and JumpStart TM
Speaker: Chris Adams, USA

Topic: Latest Innovation in Clavicle Fracture Treatment
Speaker: Ben Ockert, Germany

Topic: SLAM – An interosseous Scapho-Lunate Reconstruction Technique
Speaker: Jürgen Dolderer, Germany

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Faculty

**ROOM
120-121**

BIOVENTUS COÖPERATIEF U.A.



LW08 **DUROLANE the science behind the clinical success**

Topic: Clinical experience of DUROLANE
Speaker: Videsh Raut, UK

Topic: Scientific evaluation of DUROLANE
Speaker: Andy Harrison, UK

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Lunch workshops

Partners/Exhibitors
 Floorplans

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115**

CONMED



LW09 **Live surgical demonstration:
 Solutions for a Complex Revision ACL
 Procedure: Quadriceps Tendon Autograft,
 Meniscal Repair and Anterolateral
 Tenodesis.**

*Introductory
 Presentation:* Jón Karlsson, Sweden

Surgeons: Pablo Gelber, Spain
 Laurie Hiemstra, Canada

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 Awards/General Information

Travel & Access
 Social Programme



**ROOM
113**

Geistlich Pharma AG

Geistlich
Surgery

LW10 **Innovative treatment concepts for
cartilage regeneration with Chondro-Gide®**

Chair: Matthias Steinwachs, Switzerland

Topic: 10 year follow-up results for AMIC® in the knee

Speaker: Daniel Petek, Switzerland

Topic: Results of a randomized controlled trial AMIC® vs. Microfracture

Speaker: Martin Volz, Germany

Topic: All arthroscopic technique for AMIC® in the knee

Speaker: Tomasz Piontek, Poland

Topic: Bridge over troubled water: Novel approach to the arthroscopic AMIC® in the knee

Speaker: Justus Gille, Germany

**ROOM
122-123**

Karl Storz

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LW11 **Quadriceps tendon for ACL and MPFL
reconstruction**

Chair: Wolf Petersen, Germany

Topic: ACL reconstruction

Speaker: Christian Fink, Austria

Topic: ACL revision

Speaker: Wolf Petersen, Germany

Topic: MPFL reconstruction

Speaker: Mirco Herbot, Germany



ROOM
124-125

Moximed International GmbH



LW12 **Meet the Next Generation Medial Knee Joint Unloading Device**

Chair: Francisco Maculé, Spain
 Johannes Holz, Germany

Topic: Designing the next Generation
Speaker: Jack Farr, USA

Topic: Patient Opportunity & Surgical Approach
Speaker: Robert Smigielski, Poland

Topic: Early Clinical Experience with the Atlas Knee System
Speaker: Konrad Slynarski, Poland

Topic: Patient Selection, Experiences & Discussion
Speaker: Johannes Holz, Germany
 Dragos Popescu, Spain
 Claudio Zorzi, Italy
 Vincenzo Madonna, Italy

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Faculty

Board of reviewers
 Lunch workshops

ROOM
116

Smith & Nephew, Inc.



LW13 **Hip Preservation – Current techniques & pearls, and how does the future look like**

Moderator: Tony Andrade, UK

Topic: Welcome & Introduction
Speaker: Tony Andrade, UK

Topic: Advanced labral management
Speaker: Tony Andrade, UK

Topic: Labral Reconstruction – Challenges & Solutions
Speaker: Marc Philippon, USA

Cartilage repairs in hips

Topic: BST-CarGel® vs. Microfracture
Speaker: Ivan Wong, Canada

Topic: Gluteus medius repairs – when and how?
Speaker: Rodrigo Mardones, Chile

Panel Discussion: Future of hip arthroscopy

Moderator: Marc Philippon
 All Faculty

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 Floorplans

Educational Programme
 Awards/General Information

Travel & Access
 Social Programme



**ROOM
117**

Smith & Nephew, Inc.



LW14 **Meniscal Repair**

Moderators: Charles Brown, UAE
Tim Spalding, UK

Topic: Introduction
Speaker: Charles Brown, UAE
Tim Spalding, UK

Anatomy of the meniscus: Video demonstration

Speaker: Tim Spalding, UK

Topic: Why You Should Save the Meniscus
Speaker: Peter Verdonk, Belgium

Topic: Which tears to repair?
Speaker: Nicolas Pujol, France

The Hidden Reality: You may not have seen it, but it has seen you many times!

Topic: Meniscal root tears: why and how I do it
Speaker: Robert LaPrade, USA

Topic: Meniscal Root repair: alternate technique
Speaker: James Robinson, UK

Topic: Meniscal ramp lesion: why and how
Speaker: Philippe Neyret, France

Video Theatre: Meniscal repair techniques

Topic: Meniscal repair enhancement techniques
Speaker: Charles Brown, UAE

Topic: How to improve medial exposure: MCL release
Speaker: James Robinson, UK

Topic: Inside-Out repair technique
Speaker: Charles Brown, UAE

Topic: Outside-in repair technique
Speaker: Tim Spalding, UK

Topic: All-Inside (FAST-FIX)
Speaker: Sven Scheffler, Germany

Panel discussion: Rehabilitation after meniscal repair, transplantation, scaffolds
All Faculty



ROOM

114

Stryker European Operations B.V.

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LW15 Robotics in Orthopaedic Surgery

Speaker: *Fares Haddad, UK*
Mark Blyth, UK

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111

Zimmer Biomet

 ZIMMER BIOMET
Institute

LW16 Next generation ACL solutions

Title: All inside ACL anatomic reconstruction with switchcut
Speaker: *Pablo Cañete, Spain*

Title: A new quadruple semitendinosus graft construct and tibial button fixation
Speaker: *Alcindo Silva, Portugal*

Discussion and Workshop

Faculty

Board of reviewers
Lunch workshops

Partners/Exhibitors
Floorplans

Educational Programme
Awards/General Information

Travel & Access
Social Programme



ROOM**114****BTI Biotechnology Institute***LW17* **Restart to Sport**

Topic: Science and Evidence in Tissue Regeneration: A Biological Approach
Speaker: *Eduardo Anitua, Spain*

Topic: Clinical applications and experience in tendinous and muscular injuries of regenerative therapy with Plasma Rich in Growth Factors
Speaker: *Ramón Cugat, Spain*

Topic: Clinical applications and experience in chondropathies and subchondral bone injuries of regenerative therapy with Plasma Rich in Growth Factors
Speaker: *Mikel Sánchez, Spain*

Topic: The Chelsea F.C Experience
Speaker: *Francisco Biosca, Spain*

ROOM**124-125****CONMED***LW18* **Hands-on Workshop:
Solutions for Addressing Complex Knee
Injuries: From Meniscal Repair to
Multi-ligament Reconstruction and
Articular Cartilage Transplantation.**

Speaker: *Pablo Gelber, Spain*
Alan Getgood, UK
Laurie Hiemstra, Canada
Amer Khan, USA
Joan Carles Monllau, Spain
Xavier Pelfort, Spain

ROOM**122-123****Karl Storz***LW19* **New visualization strategies in knee and
shoulder cases**

Speaker: *Michael J. Strobel, Germany*
Natascha Kraus, Germany



**ROOM
120-121**

LIMA CORPORATE Spa



LW20 **Respecting Knee Kinematics with Physica system**

Chair: Paolo Adravanti, Italy

Topic: The New Arthritic Patient, Today's Challenge

Speaker: Bruno Violante, Italy

Topic: Golden rules to restore knee kinematics during TKA

Speaker: Thomas Paszicsnyek, Austria

Topic: Designing a knee to meet patient expectations

Speaker: Paolo Adravanti, Italy

Topic: My first 100 cases with the Physica system

Speaker: André Ferreira, France

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Faculty

**ROOM
116**

Newclip Technics



LW21 **Solutions around knee osteotomies**

Hto and hto combined acl – psi for hto – femoral osteotomy

Topic: Case series – Dracy-le-Fort, France: Results – Removal Rate – Tips and tricks

Speaker: Sébastien Tomes, France

Topic: Combined ACL reconstruction and HTO with a dedicated plate.

Speaker: James Robinson, UK

Topic: MIS Technique : Results in HTO

Speaker: Adrian Wilson, UK

Topic: Patient specific cutting guide

Speaker: Sébastien Parratte, France

Topic: Femoral Osteotomy

Speaker: Patrick Djian, France

Board of reviewers
Lunch workshops

Partners / Exhibitors
Floorplans

Educational Programme
Awards / General Information

Travel & Access
Social Programme



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115**

OrthoSpace

ORTHOSPACE

LW22 **Inspace balloon for massive and irreparable cuff tears – Live Surgery from Sant Pau Hospital, Barcelona**
Performed by Angel Calvo, Spain and Juan Sarasquete, Spain

Chair: Giuseppe Milano, Italy
Discussion and Workshop

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117**

Smith & Nephew, Inc.

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LW23 **JOURNEY “A More Human Knee”**

Moderator: David Dejour, France

Topic: Pre meeting and alignment

Speakers: Fabio Catani, Italy
Alberto Gregori, UK
David Dejour, France

Topic: The evolution of Unicompartmental Knee replacement

Speaker: David Dejour, France

Topic: Surgical Experience with JOURNEY Uni

Speaker: Fabio Catani, Italy

Topic: Clinical experience with Navio and JOURNEY Uni

Speaker: Alberto Gregori, UK

Topic: Navio in action. The simplicity of Robotic assisted UKA

Speaker: Alberto Gregori, UK

Topic: Q+A

Speaker: All Faculty



ROOM

111

Zimmer Biomet



LW24 **The Subchondroplasty Procedure:**
A minimally-invasive treatment for chronic,
non-responsive bone marrow lesions
of the knee

Introduction: Scott Sigman, USA

Topic: – Chronic Bone Marrow Lesions: Clinical Problem, Pathology, Diagnosis,
– The Subchondroplasty Procedure: Treatment Alternatives, SCP Principles,
OP Technique
– AccuFill Bone Substitute Material: Properties, Performance, Usage
– Clinical Results

Speaker: Scott Sigman, USA

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Travel & Access
Social Programme



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De Soutter Medical	UK - Aston Clinton, Aylesbury, HP22 5WF	21
DePuy Synthes	CH - 4528 Zuchwil	31
DJO Global	UK - Guildford, Surrey GU2 8XG	26
ELCON Medical Instruments GmbH	D - 78532 Tuttlingen	43
Ellipse Technologies	USA - Aliso Viejo, CA 92656	7
EPISURF MEDICAL	SE - 11542 Stockholm	39
FH Orthopedics	F - 68990 Heimsbrunn	27
Fidia Farmacéutica	ES - 28290 Las Rozas de Madrid	32
Fin-Ceramica Faenza S.p.A	IT - 48018 Faenza (RA)	44
Geistlich Pharma AG	CH - 6110 Wolhusen	50
Genourob	F - 53000 Laval	38
Inion Oy	FI - 33520 Tampere	41
Karl Storz	D - 78532 Tuttlingen	19
KISTLER INSTRUMENTE AG	CH - 8408 Winterthur	53
Königsee Implantate GmbH	D - 07426 Allendorf	16
LCA PHARMACEUTICAL	F - 28000 Chartres	30
LIMA CORPORATE Spa	IT - 33038 Villanova di San Daniele (UD)	20
LIPOGEMS INTERNATIONAL SPA	IT - 20129 Milano	61
Mathys Ltd. Bettlach	CH - 2544 Bettlach	12
Medacta International	CH - 6874 Castel San Pietro	37
medi GmbH & Co. KG	D - 95448 Bayreuth	11
MediCapture	NL - 6041 EG Roermond	8
Medist Group/Ortobiomed	TR - 34810 Istanbul	14
MIOTECH	ES - 28220 Majadahonda, Madrid	68
Moximed International GmbH	CH - 8005 Zürich	49



Company	Country/City	Stand-No.
Neoligaments	UK - Leeds, LS19 7UE	56
NEOSTEO	F - 44100 Nantes	17
NEWCLIP TECHNICS	F - 44115 Haute Goulaine	28
Orteq Sports Medicine	UK - London, SW1P 1SB	72
OrthoD	UK - Bourton on the Water, GL54 2HQ	69
OrthoSpace	IL - 3088900 Caesarea	70
ÖSSUR	NL - 5690 DC Son en Breugel	55
Parcus Medical	USA - Sarasota, FL 34243	46
PORTO KNEE TESTING DEVICES	PT - 4150-326 Porto	78
PROTEAL	ES - 08029 Barcelona	64
Regen Lab	CH - 1052 Le Mont-sur-Lausanne	66
REMA Medizintechnik GmbH	D - 78589 Dürbheim	58 a
REV-MED	KR - 462-806 Seongnam	73 + 74
RTI Surgical	NL - 3992 DC Houten	45
RZ Medizintechnik	D - 78532 Tuttlingen	18
S.B.M. SAS	F - 65400 Lourdes	48
SAGE Publishing	USA - Thousand Oaks, CA 91320	2
SAWBONES EUROPE AB	SE - 21616 Malmö	10
Shanghai Bojin Electric Instrument & Device Co., Ltd.	CN - 200436 Shanghai	4
Smith & Nephew Orthopaedics AG	CH - 6340 Baar	9
Stryker European Operations B.V.	NL - 1101 CM Amsterdam	35
SURGIVAL	ES - 46980 Paterna-Valencia	57
VIMS	F - 31620 Villeneuve les Bouloc	76 + 77
VirtaMed	CH - 8952 Schlieren, Zürich	5
VISCOBASIC S.L.	ES - 08750 Molins de Rei - Barcelona	65
Waldemar Link GmbH & Co. KG	D - 22339 Hamburg	51
Wisepress Medical Bookshop	UK - London, SW19 2JL	36
Richard Wolf GmbH	D - 75438 Knittlingen	25
WRIGHT	F - 38330 Montbonnot St. Martin	67
Zimmer Biomet	CH - 8404 Winterthur	34

Company	Country/City	Stand-No.
ESSKA	L - 1460 Luxembourg	Entrance Foyer
ESSKA Congress 2018 Glasgow	UK - Glasgow G1 1QU	Entrance Foyer
Asociación Española de Artroscopia (AEA)	ES - 28003 Madrid	80
Bone & Joint Journal	UK - London WC2N 6ET	79
International Cartilage Repair Society – ICRS	CH - 8623 Wetzikon	80
ISAKOS	USA - San Ramon, CA 94583	80
SEROD	ES - 08013 Barcelona	80
SFA – Société Francophone d'Arthroscopie	F - 75008 PARIS	80
SIGASCOT – Italian Society of Knee surgery, Arthroscopy	IT - 50127 Firenze	80

as of 08 April 2016

E-posters

Faculty

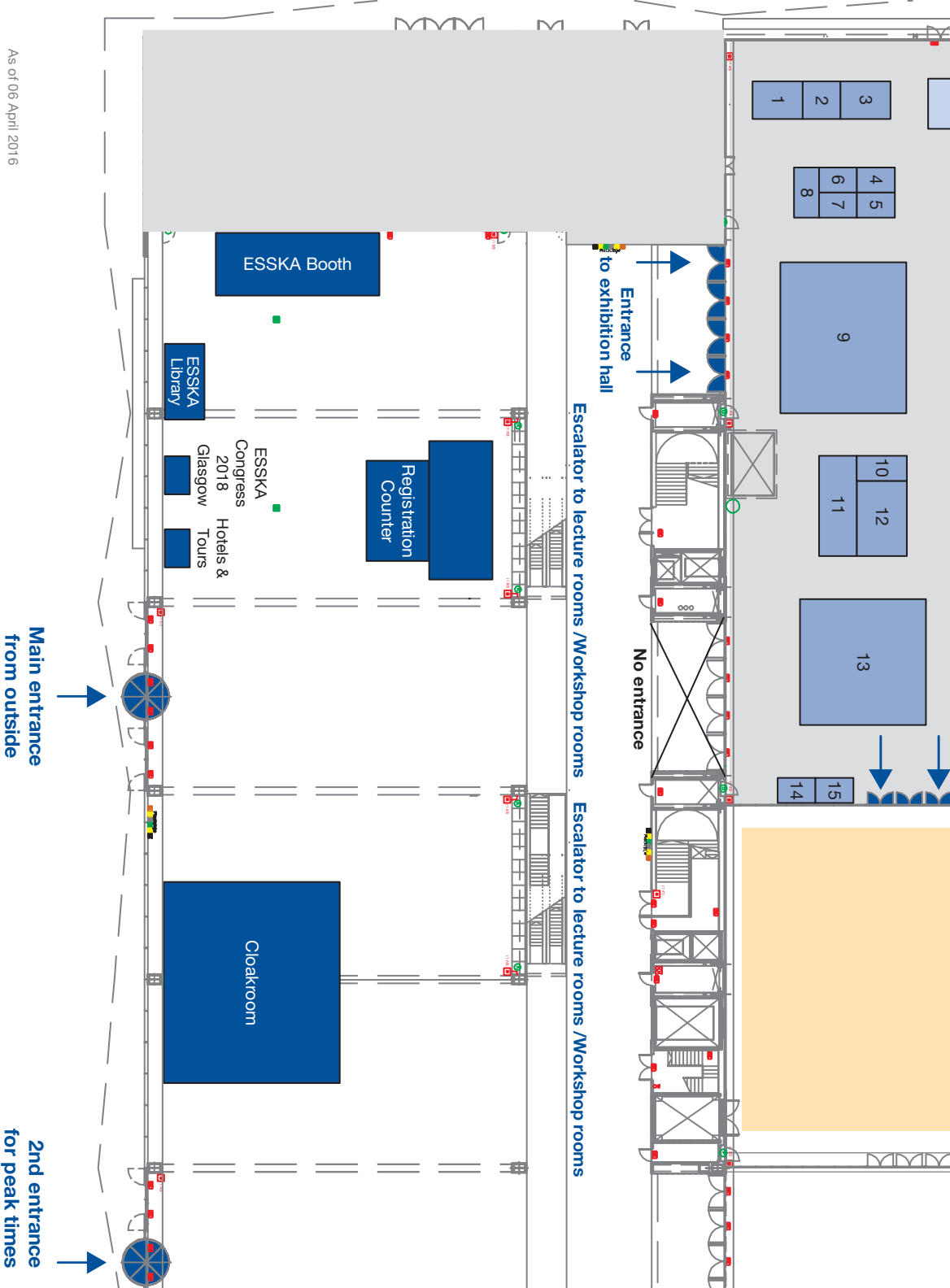
Board of reviewers
Lunch workshopsPartners/Exhibitors
FloorplansEducational Programme
Awards / General InformationTravel & Access
Social Programme

FLOORPLAN

Main level – Exhibition & Plenary



As of 06 April 2016





E-posters

Faculty

Board of reviewers
Lunch workshops

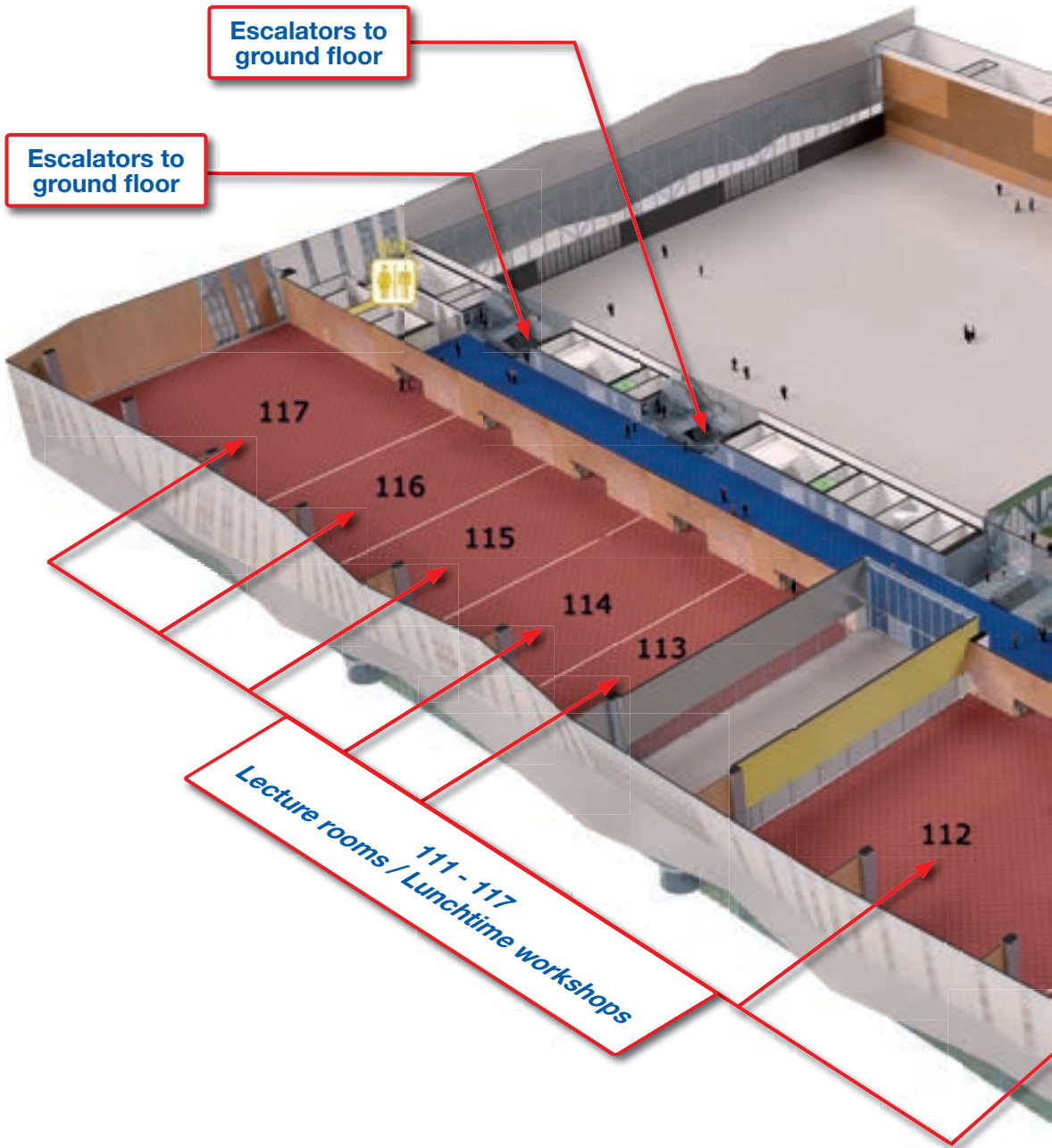
Partners/Exhibitors
Floorplans

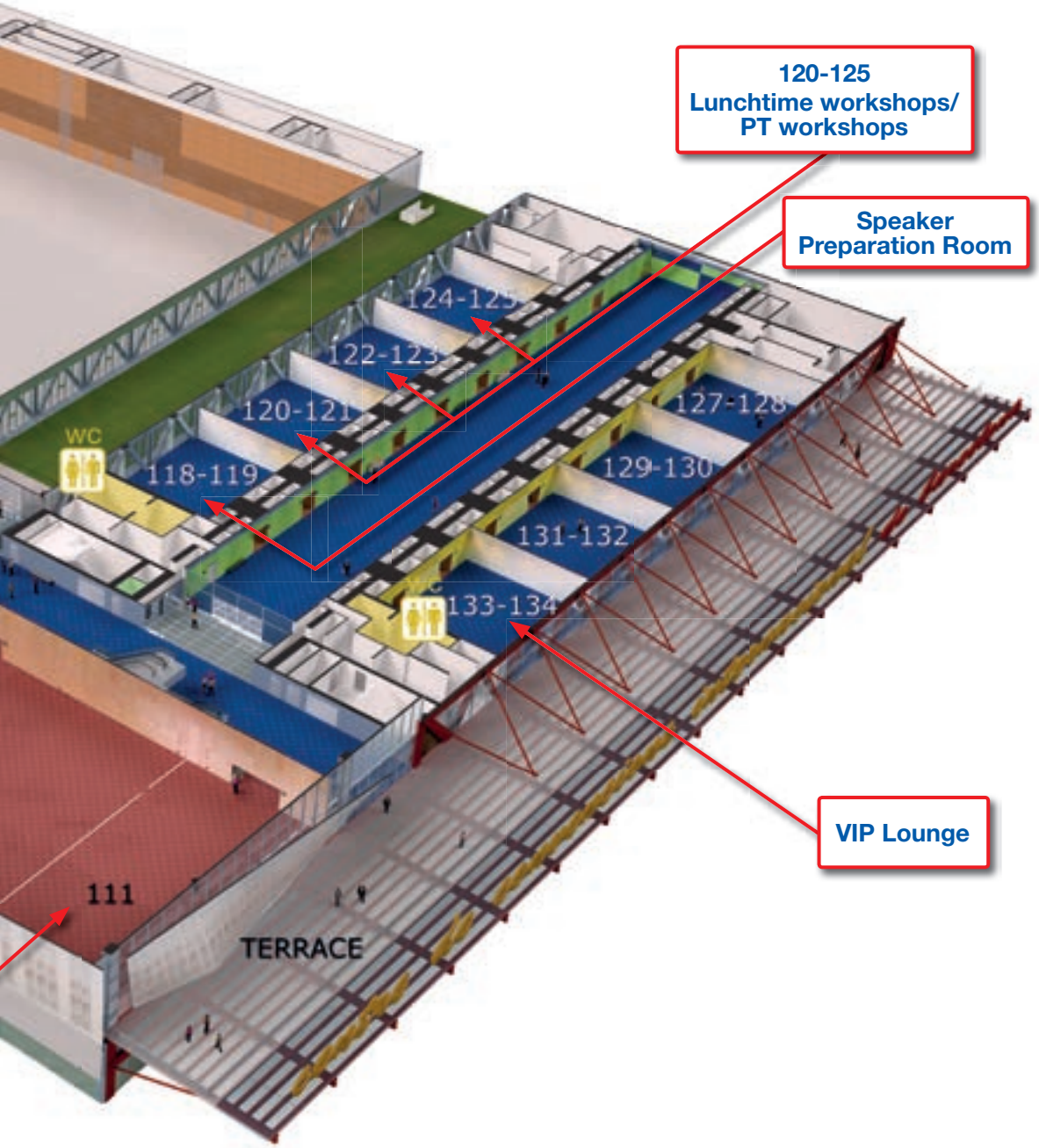
Educational Programme
Awards/General Information

Travel & Access
Social Programme

17th ESSKA Congress 2016 Floorplan exhibition







E-posters

Faculty

Board of reviewers
Lunch workshops

Partners/Exhibitors
Floorplans

Educational Programme
Awards/General Information

Travel & Access
Social Programme

**120-125
Lunchtime workshops/
PT workshops**

**Speaker
Preparation Room**

VIP Lounge



ESSKA EDUCATION

ESSKA Fellowship Programme overview

Fellowships form an important part of ESSKA's educational work.

They are mostly intended for young surgeons, improving their skills by placing them in the best teaching centres, and under the best practitioners. Several fellowships, however, are designed for experienced surgeons.

ESSKA sincerely appreciates the sponsors' sponsorship of the scientific programme, travel and accommodation for the fellowships, and the host teaching centres for their sponsorship of the social programmes.

Please visit www.esska.org for detailed information and application procedures or contact Mr. Joseph Ramesh (fellowships@esska.org) at the ESSKA office, if you are interested.

In case you would personally like to discuss different educational opportunities, please visit the ESSKA Booth during the Barcelona Congress **4 - 7 May 2016**.

ESSKA-AOSSM DJO

Travelling Fellowship

This is an international biennial exchange programme for promising young orthopaedic surgeons. It is run in collaboration with the American Orthopaedic Society for Sports Medicine Surgery (AOSSM). The chosen Fellows, we believe, will become future leaders in their field, and this fellowship will be their launching-pad, something they will never forget.

It is sponsored by **DJO**, whom we thank for their support.





ESSKA-APKASS DJO

Travelling Fellowship

This is an international biennial exchange programme for promising young orthopaedic surgeons. It is run in collaboration with the Asia-Pacific Knee, Arthroscopy and Sports Medicine Society (APKASS). Those selected, we believe, will become future leaders in their field.

It is sponsored by **DJO**, whom we thank for their support.



E-posters

Faculty

ESSKA-SLARD S&N

Travelling Fellowship

This fellowship is reserved for those with the potential to reach the highest levels. Candidates are carefully chosen (every two years) for their scientific and clinical excellence, their enthusiasm and achievement. The fellowship is organized in collaboration with the Sociedad Latino-Americana de Artroscopia Rodilla y Traumatología Deportiva (SLARD).

It is sponsored by **Smith and Nephew**, whom we thank for their support.



Board of reviewers
Lunch workshops

Partners/Exhibitors
Floorplans

ESSKA ARTHREX

Stipend for the European Arthroscopy Fellowship

This is a partnership between ESSKA and various national societies: AEA/SPAT, AGA, SIGASCOT and SFA. Four fellows are selected by their national societies – one by each partner – and the fifth is chosen by ESSKA.

It is sponsored by **ESSKA**.



Educational Programme
Awards/General Information

Travel & Access
Social Programme



ESSKA S&N

International Arthroscopy Fellowship

This fellowship enables young surgeons from all over the world to spend three to four weeks at an ESSKA accredited teaching centre and enhance their knowledge and skills.

It is sponsored by **Smith and Nephew**, whom we thank for their support.



ESSKA ALWIN JAGER

Senior Fellowship

This fellowship enables senior and experienced orthopaedic surgeons, those who are over 40, to spend a week in an ESSKA accredited teaching-centre. They will take part in different operations related to knee arthroscopy, meniscus and cartilage repair, primary total hip arthroplasty and also discuss postoperative follow-up and complications, amongst others.

It is sponsored by the **Alwin Jäger Foundation**, whom we thank for their support.



ESSKA-Chelsea

FC Sports Trauma Fellowship

This fellowship covers the prevention, treatment and rehabilitation of sports injuries, specifically those of soccer. The chosen Fellows will spend 2/3 weeks at Chelsea's famous Football Club, where they will work closely with the resident medical staff.

It is organised in collaboration with **Chelsea Football Club**, whom we thank for their support.





ESSKA DePuy Synthes

Degenerative Joint Fellowship

This Fellowship covers total joint replacement, particularly of knees and shoulders. A month of full-duty training, at selected centres across Europe, will teach the diagnostics for conservative and surgical treatment. Special theoretical and practical sessions will teach young surgeons to perform joint replacements. It is organised in conjunction with EKA and ESA (the relevant sections of ESSKA).

It is sponsored by **DePuy Synthes**, whom we thank for their support.



E-posters

Faculty

ESSKA MITEK

Sports Medicine Fellowship

The fellowship focuses on arthroscopy and sports traumatology. This instructional programme includes the possibility to learn correct indications for conservative and surgical treatment. It will last up to four weeks across selected centres in Europe. It is organised by ESSKA.

It is sponsored by **MITEK**, whom we thank for their support.



Board of reviewers
Lunch workshops

Partners/Exhibitors
Floorplans

ESSKA ARTHREX

Osteotomy Fellowship

This travelling fellowship is for both young and experienced surgeons. This programme enables selected Fellows to meet the best practitioners in the field of Osteotomy. The fellowship lasts for two weeks, each week being spent in two different teaching-centres.

It is sponsored by **Arthrex**, whom we thank for their support.



Educational Programme
Awards/General Information

Travel & Access
Social Programme



ESSKA-AFAS

Pau Golanó Research Fellowship

This annual international research is designed for promising young orthopaedic researchers of the Foot and Ankle. The Fellowship enables researchers to spend three months in one of ESSKA-AFAS's affiliated surgical centres. It is organised by AFAS, a section of ESSKA.



ESSKA-EKA

European Knee Arthroplasty Travelling Fellowship

This Fellowship will enhance the skills of young orthopaedic surgeons, those who are already training on knee arthroplasty. The selected Fellows will visit 6 to 8 teaching centres, over a maximum of four weeks. It is organised by EKA, a section of ESSKA.



See You in Glasgow

18th ESSKA Congress
9 – 12 May 2018

Glasgow, Scotland, UK



ESSKA

PEOPLE
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GLASGOW



ESSKA President

Romain Seil (*Luxembourg*)

Congress President

Jón Karlsson (*Sweden*)

Scientific Chairmen

Gino M. Kerkhoffs (*The Netherlands*)

Fares S. Haddad (*UK*)

Michael T. Hirschmann (*Switzerland*)



esska.org
esska-congress.org
peoplemakeglasgow.com



ESSKA would like to sincerely thank the members of the juries for their commitment and for the many hours they spent reviewing all Award submissions.

Award	Members of the jury
Theo van Rens Best Paper Award	<i>Roland Becker, Matteo Denti, Pablo Gelber, Gino Kerkhoffs, Jacques Menetrey</i>
Best Poster Awards	<i>Michael Hantes, Mustafa Karahan, Sebastian Kopf</i>
Basic Scientist Travel Grants	<i>Roland Becker, Pablo Gelber, Gino Kerkhoffs</i>
Alwin Jäger Best Video Award	<i>Gerhard Bauer, David Dejour, Pablo Gelber, Mustafa Karahan</i>
Porto Award for Innovation in Arthroscopy	<i>Nicolas Graveleau, João Espregueira-Mendes, Sven Scheffler</i>
Award for Best Paper in Ligament and Biomechanics	<i>Andrew Amis, Lutz Dürselen, Romain Seil, Pietro Spennacchio</i>
The Nicola's Foundation Young Researcher Award	<i>David Dejour, Pietro Randelli, Katja Tecklenburg</i>
KSSTA Best Paper Award	<i>Roland Becker, Jon Karlsson</i>



Award	Winner
Alwin Jäger Best Video Award	Diego García-Germán (Spain) <i>Distal biceps reinsertion using the “biceps-button” technique</i>
Porto Award for Innovation in Arthroscopy	Sebastain Irrarazaval (USA) <i>Native ACL insertion site restoration improves dynamic kinematics of the knee and patient reported outcomes after ACL reconstruction</i>
Award for Best Paper in Ligament and Biomechanics	Mirco Herbort (Germany) <i>Can we use the ipsilateral Hamstrings for ACL reconstruction in case of medial collateral ligament insufficiency? – Biomechanical investigations about dynamical stabilization of the medial compartment by hamstrings</i>
The Nicola's Foundation Young Researcher Award	Travis Menge (USA) <i>Outcomes 10 Years following hip arthroscopy for femoroacetabular impingement: Labral debridement compared to labral repair</i>
KSSTA Best Paper Awards	Svend Ulstein (Norway), Asbjørn Arøen, Jan Harald Røtterud, Sverre Løken, Lars Engebretsen, Stig Heir <i>Microfracture technique versus osteochondral autologous transplantation mosaicplasty in patients with articular chondral lesions of the knee: a prospective randomized trial with long-term follow-up</i> Frederik Stensbirk (Denmark), Kristian Thorborg, Lars Konradsen, Uffe Jørgensen, Per Hølmich <i>Iliotibial band autograft versus bone-patella-tendon-bone autograft, a possible alternative for ACL reconstruction: a 15-year prospective randomized controlled trial</i>
Basic Scientist Travel Grants	Yohei Kobayashi (Japan) <i>Evaluation of the influence of the leukocyte concentration and composition on growth factor and protease concentrations in platelet-rich plasma (PRP)</i> Takeshi Oshima (Japan) <i>A scaffold-free allogeneic construct from adipose-derived stem cells promote cartilage and osteochondral bone regeneration</i> Grant Dornan (USA) <i>Robotic assessment of anterolateral ligament: Reconstruction of the anterolateral and anterior cruciate ligament</i> Maketo Kobayashi (Japan) <i>Oral administration of losartan significantly enhances muscle regeneration and reduces fibrosis formation after compartment syndrome-like muscle injury in a rat model</i>

E-posters

Faculty

Board of reviewers
Lunch workshops

Partners/Exhibitors
Floorplans

Educational Programme
Awards/General Information

Travel & Access
Social Programme

The Awards will be presented during the Award Session on Friday, 6 May 2016, 14:00-14:30 h in the Plenary.

The winners of the **Theo van Rens Best Paper Award** and the **Best Poster Awards** will be selected during the Congress.



Venue address

CCIB – Centre de Convencions Internacional de Barcelona
Plaça de Willy Brandt, 11-14,
08019 Barcelona, Spain
Phone: +34 932 30 10 00
www.ccib.es/home#

Congress office on-site

Phone: +34 93 230 88 20

Congress website

www.esska-congress.org

FREE

Congress app

Finding sessions, speakers, topics and abstracts has never been easier. Download the free Congress app in the App Store and Google play store by searching for *Esska2016*. The app is for iOS and Android devices. Use the free Congress WiFi in the dedicated download zone!!

Congress office – opening hours

Tuesday, 3 May: 16:00-19:00 h
Wednesday, 4 May: 07:00-19:00 h
Thursday, 5 May: 07:00-18:45 h
Friday, 6 May: 07:00-18:15 h
Saturday, 7 May: 08:00-13:30 h

Industrial exhibition – opening hours

Wednesday, 4 May: 08:00 – 19:00 h
Thursday, 5 May: 07:30 – 18:30 h
Friday, 6 May: 07:30 – 18:00 h
Saturday, 7 May: **No exhibition**

IMPORTANT

Delegate's badge

Please wear your badge at all times as it guarantees admission to the lecture halls and the industrial exhibition. In order to receive CME credits you have to make sure that your badge is scanned at the entrance of each hall when entering a session.

Lost badges may only be replaced upon proof of original payment.

ESSKA member: Blue

Non-member: Grey

Accompanying person: Red

Exhibitors: Yellow



Book of abstracts

The book of abstracts is a supplement of KSSTA, the official journal of ESSKA. ESSKA Members will receive a copy of the book of abstracts by regular postal mail through their subscription of KSSTA. All non-members may pick up their copy of the supplement at the hand-out counter of congress bags. Please have your voucher at hand.

NEW

Certificate of attendance

In order to receive CME credits for your Congress participation you have to make sure that your badge is scanned at the entrance of each hall when entering a session – during the morning and during the afternoon. You will receive an email each day informing you about the CME credits collected, containing a link to download your certificate online. A questionnaire regarding your Congress participation needs to be filled in online.

CME accreditation

The 'ESSKA – European Society of Sports Traumatology, Knee Surgery and Arthroscopy' (or) '17th ESSKA Congress' is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net



The '17th ESSKA Congress' is designated for a maximum of (or 'for up to') 21 hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME credit to AMA credit can be found at www.ama-assn.org/go/internationalcme

Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada.

Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity. The EACCME credit system is based on 1 ECMEC per hour with a maximum of 3 ECMECs for half a day and 6 ECMECs for a full-day event.

E-posters

Faculty

Board of reviewers
Lunch workshops

Partners/ Exhibitors
Floorplans

Educational Programme
Awards/General Information

Travel & Access
Social Programme



Registration fees

Please pay your fee in EURO in cash or by credit card (VISA and Mastercard)

	Late *	On-site **
ESSKA member senior MD	EUR 450.00	EUR 500.00
ESSKA member junior MD (resident, fellow)/scientist	EUR 275.00	EUR 300.00
Non-member senior MD	EUR 700.00	EUR 750.00
Non-member junior MD (resident, fellow)/scientist	EUR 450.00	EUR 500.00
Non-member student, nurse, physiotherapist, allied health professionals	EUR 175.00	EUR 200.00
ESSKA member physiotherapist	EUR 125.00	EUR 150.00
Accompanying person	EUR 75.00	EUR 100.00
Industry representative (non-exhibitor)	EUR 423.50	EUR 484.00

* (from 26 February 2016)

** (applicable from 3-7 May 2016)

NOTE

Accompanying person

Each accompanying person needs to register with a ticket to have access to the exhibition hall, the Welcome Reception and the Wine Tasting.

E-poster terminals

The e-poster terminals are located in the left part of the exhibition hall. Experience a state-of-the-art e-poster presentation, swipe and view the screens, search the database for topics, authors, keywords, etc. You may view the e-posters during the official opening hours of the Congress. Meet with your colleagues and research groups to check out new and interesting research presented in the e-poster format. The e-posters will also be available online in the ESSKA Academy after the Congress.



Best videos

The 15 best videos which had been submitted for the Alwin Jäger Best Video Award are also available through these terminals!



QuadCut

Minimally Invasive Quadriceps
Tendon Harvesting

STORZ
KARL STORZ – ENDOSKOPE



Speaker preparation room

The speaker preparation room is located on the first floor of the venue in rooms 118-119. It will already be open for the delivery and check of presentations on Tuesday, 3 May 2016 from 16:00-19:00 h. During the Congress the opening hours are:

Wednesday: 07:00 - 19:00 h

Thursday: 06:30 - 18:00 h

Friday: 06:30 - 18:00 h

Saturday: 08:00 - 13:30 h

All presenters are requested to come to the Speaker Preparation Room at least **two hours** before their session starts – or the day before, if it is an early morning session.

NEW

You will have the option to **either deliver a PowerPoint or a Keynote presentation**. In the Speaker Preparation Room you will check your presentation on the according device. In the lecture hall we will have **both Windows and Apple devices** to run the presentation. It will NOT be possible to use your own laptop! Speakers are kindly requested to follow the instructions of the chairperson and **strictly keep to the time limit** of their presentation!

Webcast

A selection of sessions will be recorded and available through ESSKA Academy after the Congress. The Academy offers online educational content for ESSKA Members.

Award ceremony

The ESSKA Awards will be presented during the official Award session on Friday, 6 May 2016, 14:00-14:30 h in the Plenary.

FREE

WiFi internet access

WiFi will be available in all areas of the CCIB used for the ESSKA Congress on all congress days free of charge. There is a designated zone for downloading the Congress app close to the registration office in the entrance foyer.

SSID: ESSKA_Congress

Password: Sanofi



Kindly supported by: **SANOFI**

Language

The official language of the meeting is English. There will be no translation of lectures.

Coffee and lunch breaks

Enjoy a selection of free catering during the official coffee breaks at the coffee bars in the exhibition hall. Outside the official coffee breaks and during the lunch break, drinks and snacks are available for purchase at the designated cash bar in the exhibition hall. There will be a variety of catering options during the lunchtime workshops of the industrial companies. Please refer to the lunchtime workshop list on pages 242-253.



Sit down area and cash bar

In the left part of the exhibition hall you may take a rest and sit down for a while, get a coffee from the cash bar and afterwards browse through the eposters which are located just next to the sit down area.

Exhibition

65 companies will be present at the technical exhibition. A valid congress ticket is necessary to access the exhibition area.

Smartphones and tablets

Battery low? Recharge it in the sit down area in the exhibition hall. In order to avoid any disturbances during the sessions please mute your mobile phone and tablet.

Filming/photography

Please note that all lectures are copyrighted in favour of the respective speaker. Therefore, visual or sound recordings require the prior consent of the speaker (Section 53, subsec. 7 GCA). Any unapproved recording is unlawful and can cause compensation claims and injunctive relief by the copyright owner.

Book discount for ESSKA Members

Make use of your discount of up to 33% on Springer books at the booth of Wisepress, located in the exhibition hall, booth no. 36.

Membership

You may apply for membership directly at the ESSKA booth in the entrance foyer. Please also consult the website www.esska.org for details about your benefits.

Congress e-newsletter

You would like to stay updated and be informed about the Congress and important deadlines? Please subscribe to the Congress newsletter which is published monthly in electronic format.

Social media

Follow us on twitter and facebook with **ESSKA Congress** and **#esska16**.

Tour programme

Please consult the Congress website or the tour counter in the Congress Office in case you have questions about a pre-booked tour or if you plan to book a tour on-site.

Lost and found

In case you have lost or found anything in the venue, please consult the Congress office in the main entrance foyer.



Non-smoking

The venue is a designated non-smoking premise.

Weather

Barcelona has a Mediterranean climate with mild, humid winters and warm, dry summers. In the month of May day temperatures may rise up to 20 °C so that a light between-season wear should be enough. However, night temperatures are still quite cool (between 10 and 15 °C).

You can check the current weather forecast on <http://www.barcelona.de/en/weather-forecast-barcelona>.

Time zone

Barcelona is situated in the Central European Time zone (CET).

Emergency number

Nationwide emergency numbers

Police, ambulance, fire brigade: 112

Police: 091

Local Police: 092

Fire brigade: 080

Accident / Ambulance: 061

English-speaking police officers: +34 932 903 000 (police headquarters), Via Laietana 43

Further important numbers you may call in case of emergency are listed here:

<http://barcelona.de/en/barcelona-emergency-assistance>

Telecommunication

International dialling code: +34

Electricity

The mains voltage in Barcelona is just like in the whole of Europe 230 volts AC, plug adapters are hardly necessary. The flat European standard fit into the Spanish sockets. In addition, the Schuko plug CEE 7/7. Most Europeans do not need to buy an adapter plug for Spain. Guests from Switzerland and the USA need an adapter.

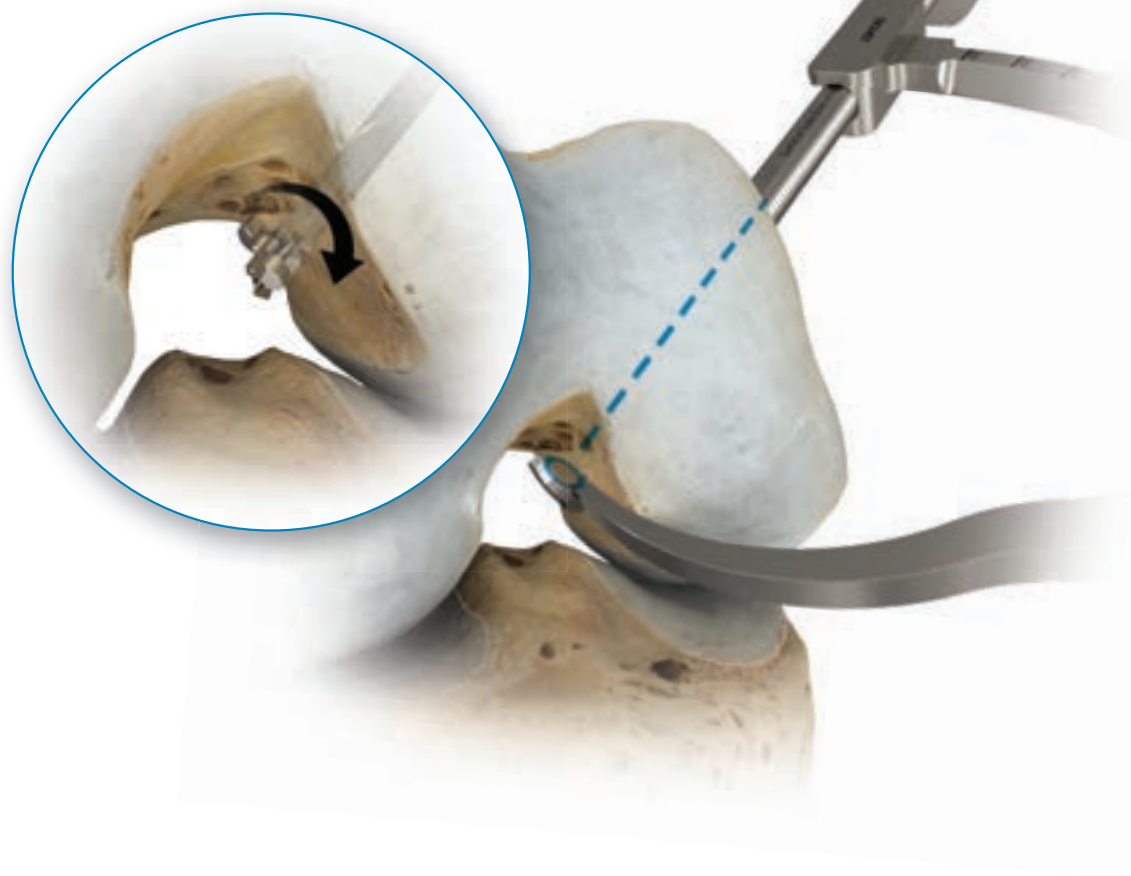
Communication

The official language in Spain is Spanish. In Barcelona there is a second official language, Catalan.

SwitchCut™ Reaming System

Eliminate the Guesswork of ACL Tunnel Placement

- Hit your target
- Minimize time and complexity
- Seamless implant deployment



©2016 Zimmer Biomet

The surgeon is responsible for determining the appropriate tunnel placement for each individual patient.



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Your progress. Our promise.™



Currency

The official currency in Spain is EURO.

Exchange rates as of April 2016:

EUR 1.00 = USD 1.1115

EUR 1.00 = GBP 0.7744

The current exchange rates are available on <http://www.x-rates.com/>

ATM

The ATM located closest to the CCIB is in the commercial centre Diagonal Mar and another one in the Hotel Princess, both just on the opposite side of the CCIB.

Things to avoid

- Don't tip 20% on your restaurant bill. If you want to give something, leave your change or a couple of Euros.
- Don't try to go to dinner at 18:00 h. Restaurants usually open for dinner between 20:00 and 21:30 h.
- When using credit cards, don't forget a photo ID (driving license or passport).
- When visiting churches, don't go in a sleeveless top or shorts.

Additional information

Barcelona Tourist Information: <http://www.barcelonaturisme.com/>



International airport El Prat

Barcelona's international airport El Prat is located south-west of Barcelona, approx. 20 km away from the CCIB. The airport offers a great variety of connections to destinations worldwide.

You may find a tourist office in:

Terminal T1 Floor 1 La Plaza

Terminal T2 B Floor 0 Arrivals hall

Opening times: daily, from 8:30 h am to 8:30 h pm.



Aerobus

From Barcelona Airport (Terminal 1 or Terminal 2) you can take the Aerobus to the last stop at Plaça Catalunya. Then you should take the metro L4 (yellow line) from "Urquinaona" (near Catalunya square) to "Maresme-Forum" which is only a 5 minutes' walk from the CCIB.

The Aerobus service runs from 6:00 h in the morning to 1:00 h at night (to Barcelona) and from 5:30 h in the morning to 0:15 h at night (to the airport) every day. The bus frequency is one every 10-12 minutes and the journey time is around 30 minutes. Single tickets cost 5.90 Euro, return tickets 10.20 Euro.

You'll find further information here <http://www.aerobusbcn.com/>



Taxi

The taxi ride takes about 20-30 minutes. The rates depend on the duration of the ride.

A taxi stop is located right in front of the CCIB. In case there is no taxi waiting please call +34 932 848 464, +34 935 519 368, +34 933 002 314.

Urban public transport to CCIB

Metro Barcelona

The nearest metro is "Maresme – Forum" on the line L4 (yellow line).

Bus

Public bus 7 and H16 (TMB company)

Tram Barcelona

The nearest tram stop is "Forum" on the tram T4 line. It is in front of Forum Building Auditorium, just a 3 minutes' walk from the CCIB main entrance.







centre convencions internacional barcelona



**Main entrance
ESSKA CONGRESS**

A B C D Pedestrian Access to CCIB

24 25 Ronda Litoral Exits

-  Daytime Bus
-  Tram - T4
(Stops: El Maresme / Forum)
-  Metro - L4
(Stop: El Maresme - Forum)
-  Taxi



HOW TO GET THERE



H

Hotels

- 1- Hilton Diagonal Mar
- 2- Barcelona Princess
- 3- AC Barcelona Forum
- 4- SB Diagonal Zero

P

Parkings

- 1- Pg. Garcia Faria
- 2- Diagonal Mar Shopping Centre
- 3- Pl. Forum



Special tickets and travel cards

Hola BCN!

Valid for unlimited travel on the Barcelona Metropolitan Transports (TMB) bus and Metro, the FCG city lines, the Renfe Rodalies lines and the Tram for 2, 3, 4 or 5 days from the first validation.

Barcelona Card

This is a city card that provides free public transport on the Metro, city buses (day and night), FCG city lines, tram lines, airport train and Renfe Rodalies zone 1, discounts and free passes to museums, cultural sites, shows, the theatre, entertainment, nightclubs, shops, restaurants, other services and special transports.

T-10

10 integrated journeys on all modes of transport depending on the zones travelled (zones 1 to 6). Transferable and subject to time restrictions.

T-Dia

Unlimited travel on all modes of transport within the zones defined when the ticket is first validated and subject to the zones travelled (zones 1 to 6). Valid for one day from the first validation until end of service.

You may find further information about the public transport on

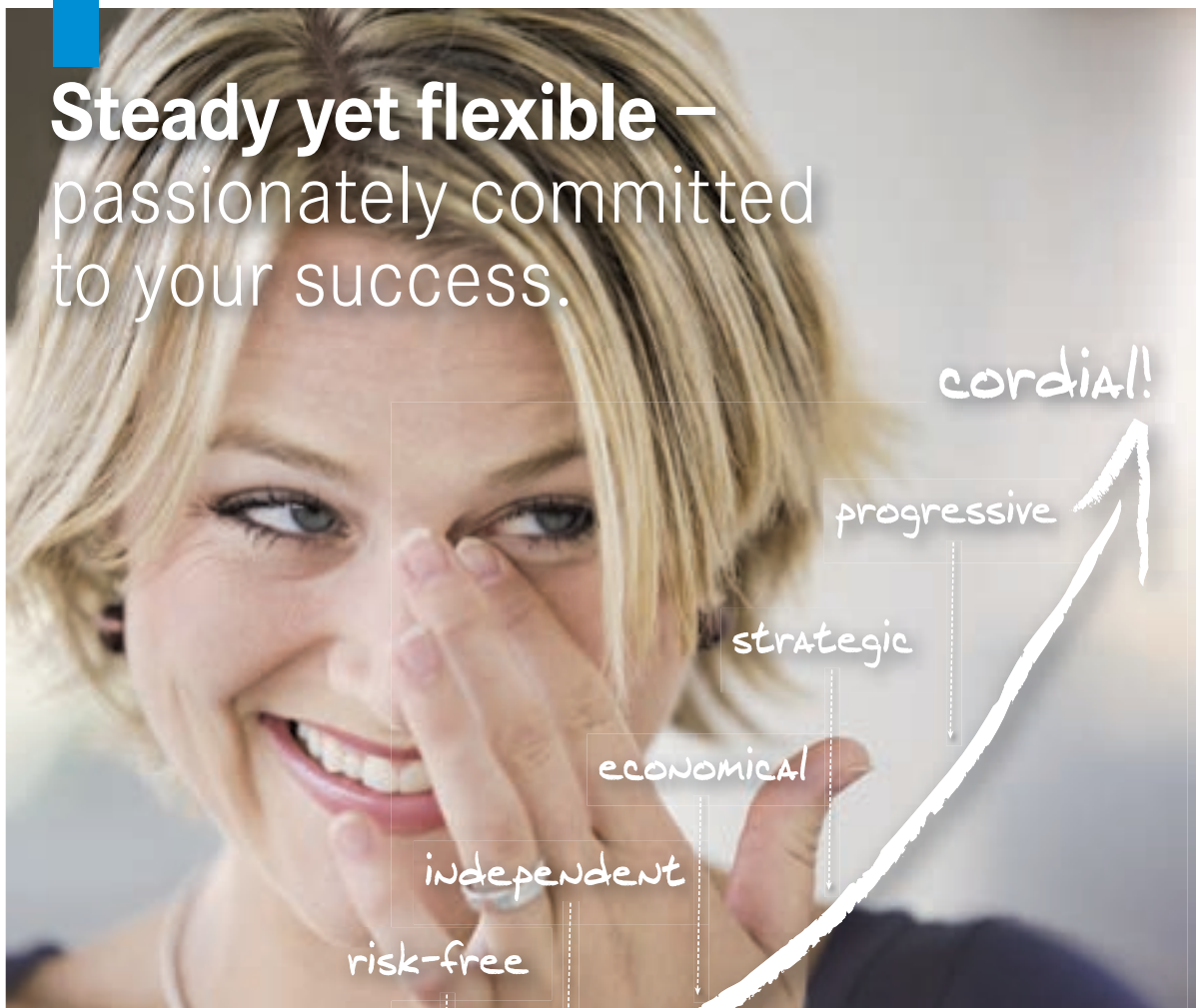
- <http://www.tmb.cat/en/home>
- <http://www.tram.cat/en/>

All tickets and travel cards are available either

- online
- TMB bus and metro automatic vending machines
- TMB customer service and information centres (Punt TMB) or
- at Tourist Information Offices around the city.

You may find further information on <http://www.tmb.cat/en/punts-de-venda>

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tacts and outstanding capabilities in constructive teamwork. Given the great responsibility, every function is a position of trust. Mutual respect is the essential ingredient to ensure understanding among everyone involved.



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Welcome Reception

Wednesday, 4 May 2016
19:15–20:45 h

It is the end of the first congress day, you have already participated in interesting sessions and now you are looking for the perfect occasion to meet friends, colleagues and network.

Join ESSKA's community for the WELCOME RECEPTION which will be held at the top level of the Congress Centre. Chat and mingle with fellow congress visitors and enjoy a drink along with some typical Catalan and Spanish finger food. WELCOME to Barcelona!



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Venue:

CCIB (Congress venue) top level

Price (per person):

Free for registered delegates





Social Lecture

Thursday, 5 May 2016
18:15–18:45 h

The guest social speaker will be Mr Miguel A. Torres, one of the most renowned Spanish wine makers. He will give a unique presentation that will bring together science, art, and gastronomy. And do not miss the wine tasting following his lecture!

Date: Thursday, 5 May 2016

Time: 18:15-18:45 h

Location: Plenary



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E-posters

Faculty

Wine Tasting

Thursday, 5 May 2016
18:45–19:30 h

We finish the second day of the Congress with a true taste of Spain. Come and join us for a glass of wine and cheese.

Date: Thursday, 5 May 2016

Time: 18:45-19:30 h

Location: Foyer of the Plenary



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Board of reviewers
Lunch workshops

Partners/Exhibitors

Floorplans

Ham Break

Saturday, 7 May 2016
11:00–11:30 h

Enjoy the very last break of the 17th ESSKA Congress and savour a taste of original Spanish ham. Do not leave Spain without having tried!

Date: Saturday, 7 May 2016

Time: 11:00-11:30 h

Location: Foyer of level P1



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Educational Programme
Awards / General Information

Travel & Access
Social Programme



ESSKA Dinner & Party

Friday, 6 May 2016
20:30–01:00 h

We will start this evening with a drink on the terrace in front of the Museu Nacional d'Art de Catalunya (MNAC), overlooking the city of Barcelona. The evening party will be hosted in the spectacular Sala Oval inside the Museum – hold your breath when entering the room! Savour a taste of the best cuisine in town and be surprised by a wonderful performance of the tenor Carlos Cosías from Barcelona. He will inspire you with his skills and his repertoire in opera music.

An exciting part of the evening will be the Award Ceremony of the “ESSKArS” – awards for service to our society. Join us for a memorable evening in Barcelona.

- Departure by bus:** 20:00 h from CCIB (Congress venue)
Aperitif: 20:30 h
Dinner: 21:15–01:00 h
Return by bus: From 00:30–01:15 several buses to CCIB (Congress venue)
Price (per person): EUR 150 (after 25 February 2016)
Booking: At the registration office, if tickets available



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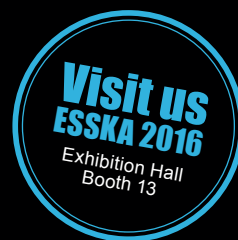
KNEE
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Lima Corporate invites you to discover our latest knee system during the
"Respecting Knee Kinematics with the Physica system" Symposium on
Friday 6th May, 12.30 - 13.30, Room 120-121

Arthrex Breakthroughs

Workshops and Live Demonstration



Workshops



New Trends in Lower Extremity

Wednesday, May 04, 2016 | 12:30 - 13:30 | Room 112

Chairman: Patrick A. Smith | USA

- ALL Expert Group Consensus
- Ramp Lesions of the Posteromedial Meniscus
- ACL Primary Repair with *InternalBrace*™
- Autologous Fat/BMC Injections for OA Treatment in the Knee
- Accelerated Rehabilitation Possibilities with the Achilles Midsubstance *SpeedBridge*™ Repair for Achilles Tendon Ruptures

Bertrand Sonnery-Cottet | France

Mathieu Thauinat | France

Jürgen Barthofer | Austria

Konrad Slynarski | Poland

Ahmad Malik | UK



New Trends in Upper Extremity

Thursday, May 05, 2016 | 12:30 - 13:30 | Room 112

Chairman: Chris Adams | USA

- Superior Capsule Reconstruction for Irreparable Cuff Tears
- Biologic Options for Shoulder Arthroplasty
- Infection Control with PRP and *JumpStart*™
- Latest Innovation in Clavicle Fracture Treatment
- SLAM - An interosseous Scapho-Lunate Reconstruction Technique

Dirk Petr  | Belgium

Werner Anderl | Austria

Chris Adams | USA

Ben Ockert | Germany

J rgen Dolderer | Germany

Live Demonstration



All-Inside Arthroscopic Lateral Ligament Reconstruction

Wednesday, May 04, 2016 | 14:30 - 15:00 | Room 117

Thomas Bauer | Germany



<http://qr.arthrex.de/o6h>



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