

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)

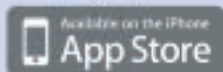
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and abstracts has never been easier!
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*Voting and Q&A is embedded in the app –
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before you are asked to vote or send in questions!*



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The app is powered by eventbase.



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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

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

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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Congress President
Jón Karlsson (Sweden)

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Gino M. Kerkhoffs (The Netherlands)
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Michael T. Hirschmann (Switzerland)

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Scientific Programme
Wednesday

Scientific Programme
Thursday

Scientific Programme
Friday

Scientific Programme
Saturday

Nurse-Course
Pre-Courses



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

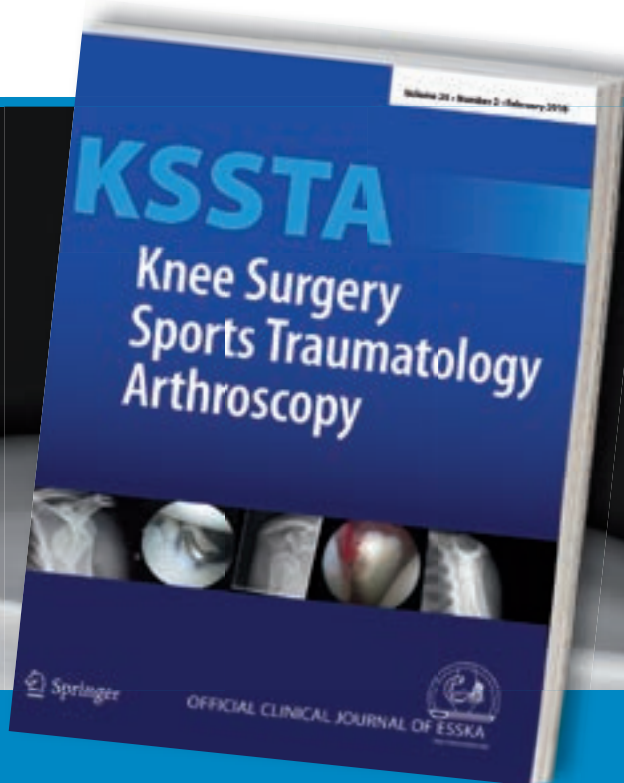
Scientific Programme
Wednesday

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Thursday

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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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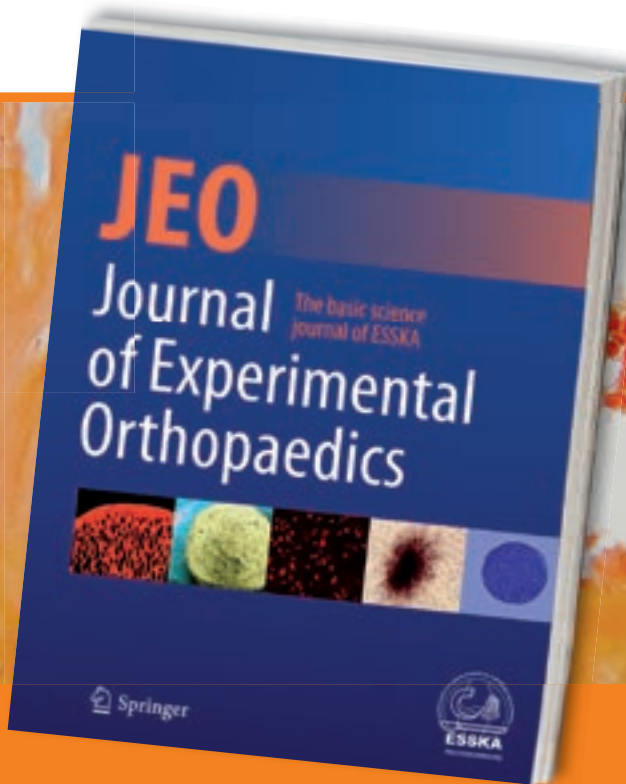
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JEO

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.

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

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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	
11:15				
11:30				
11:45			Free Papers: Knee conservative treatment	
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	
16:30				Angle of fixation of ACL graft: Preset or case based
16:45				
17:00	Voting Patellofemoral joint: Treatment options for cartilage lesions	Prevention of overload and injuries in sports	Debate ESA: Traumatic multidirectional shoulder instability – surgical treatment or scapulotoracic re-education	
17:15				Debate ESA: AC joint acute instability – choosing the best treatment
17:30				
17:45				
18:00				
18:15	Social lecture by Miguel Torres			
18:30				
18:45				
19:00				
19:15				
19:30				



114	115	116	117 (EKA)		Time
ICL06: Management of meniscus root tears	ICL07: All arthroscopic anatomic ligament reconstruction for chronic ankle instability	ICL08: Proximal hamstring injuries	ICL03: Recent advances in cartilage repair	E-posters	7:30
					7:45
					8:00
					8:15
					8:30
					8:45
					9:00
					9:15
				E-posters	9:30
					9:45
Coffee break, visit of industrial exhibition					10:00
How to treat degenerative meniscal lesion?	PT Programme: Introduction	Central tendon injuries	Osteotomy around the knee (Part I)	E-posters	10:15
	PT: Motor control and motor learning		Free Papers: Muscle injuries		Osteotomy around the knee (Part II)
					11:00
Free Papers: Meniscus					11:15
					11:30
					11:45
Lunch break, visit of industrial exhibition					12:00
<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: 0 auto;"> Lunch Workshops Details see page 242-253 Lunch Workshops </div>					12:15
					12:30
					12:45
					13:00
					13:15
					13:30
					13:45
	PT: Female in sports			E-posters	14:00
					14:15
					14:30
					14:45
					15:00
					15:15
					15:30
Coffee break, visit of industrial exhibition					15:45
Free Papers: Meniscus	PT: Keynote lecture	Keynote lecture by Kazu Yasuda	Live surgical demonstration (EKA)	E-posters	16:00
	PT: Knee-related injuries	Free Papers: ACL reconstruction	Patient specific technology in knee arthroplasty		16:15
Keynote lecture by Kenneth DeHaven		Keynote lecture by Roshan Wade		16:30	
Free Papers: Meniscus transplantation		Free Papers: ACL miscellaneous	16:45		
			17:00		
					17:15
					17:30
					17:45
					18:00
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					19:00
					19:15
					19:30

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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				
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				
13:15				
13:30	Lunch break, visit of industrial exhibition			Lunch break, visit of industrial exhibition
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				
16:00	Keynote lecture by Michael Hantes	Extraarticular hip endoscopy – Technique and results	Free Papers: Cartilage – Young patients	Free Papers: Elbow/wrist
16:15	ESSKA meniscus consensus initiative: The degenerative meniscus lesion		Free Papers: Cartilage microfracture	
16:30		Keynote lecture by C. Cardenas	Keynote lecture by Matthias Steinwachs	Registries in orthopaedic sports medicine
16:45	Perspectives on the meniscus	Acute and longstanding groin injuries	Free Papers: AMIC	
17:00			Free Papers: Cell cartilage	
17:15				
17:30				
17:45				
18:00				
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	15:54
Coffee break, visit of industrial exhibition			Coffee break, visit of industrial exhibition	Nurse Course III	E-posters	16:00
						16:15
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	16:30
					E-posters	16:45
					E-posters	16:54
					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	17:54
					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

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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

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

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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 <i>Moderation: Seil R. (Luxembourg)</i>	
IL01-5009	Meniscus lesions – How to deal with? <i>Ahn J. (South Korea (ROK))</i>	30'
10:00 – 10:30	Coffee break, visit industrial & e-poster exhibition	
10:30 – 11:00	National Society Award Winner Session <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 <i>Bukach D. (Belarus)</i>	7'
10:37 – 10:44	SFA – Individualised knee laxity profiles: combined measurements of anterior and rotational knee laxity <i>Mouton Caroline (Luxembourg)</i>	7'
10:44 – 10:51	NVA -Pulsed ElectroMagnetic Fields after Arthroscopic Treatment for OCD of the Talus: a randomized, double-blind, multicenter trial <i>Reilingh M. (Netherlands)</i>	7'
10:51 – 10:58	NAA – Sham surgery trial for SLAP lesions of the shoulder <i>Schroder Cecilie P. (Norway)</i>	7'

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

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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>			Overview Timetables
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		Scientific Programme Wednesday
FP01-1950	Ardem Clare (Qatar), Forssblad M., Magnusson H., Kvist Joanna	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		
FP01-1731	Lefevre N. (France), Klouche S., Gerometta A., Herman Serge, Bohu Y.	7'	Scientific Programme Thursday
17:59 – 18:06	Return to sport after revision ACL reconstruction: A prospective comparative study from FAST cohort		
FP01-2546	Bohu Y. (France), Mirouse G., Klouche S., Herman Serge, Gerometta A., Lefevre N.	7'	Scientific Programme Friday
18:06 – 18:13	Factors affecting results and return-to-play in anterior cruciate ligament reconstruction (ACL-R)		
FP01-1812	Rosso Federica (Italy), Bonasia D., Cottino U., Cambursano S., Dettoni F., Bruzzone M., Rossi R.	7'	Scientific Programme Saturday
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'	Scientific Programme Saturday
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'	Nurse-Course Pre-Courses
19:00 – 19:15	SIGASCOT – Italian Society of Knee surgery, Arthroscopy, Sports, Cartilage, Orthopaedic technology <i>Zaffagnini S. (Italy), Canata G. (Italy)</i>	15'	



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

Surgeon: *Scheffler S. (Germany)*

12'

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

SY01-6096

Surgeon: *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

Surgeon: *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

Surgeon: *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	

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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 <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 <i>FP09-1811 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 <i>FP09-1744 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 <i>FP09-1437 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? <i>FP09-2266 Królikowska A. (Poland), Czamara A., Kentel M., Krupa S., Szuba L.</i>	7'

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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>			Overview Timetables
11:30 – 11:37	Application of the BLS and “remplissage” techniques in treatment of the anterior shoulder instability	7'	Scientific Programme Wednesday
FP02-2477	Blasiak A. (Poland), Brzoska R., Solecki W., Mojzesz M., Grzegorzewski A.		
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	7'	
FP02-2721	Saccomanno Maristella Francesca (Italy), Nuovo F., Sircana G., Milano G.		
11:44 – 11:51	Arthroscopic labral repair versus open coracoid transfer in shoulder instability	7'	Scientific Programme Thursday
FP02-1296	Blomquist J. (Norway), Solheim E., Liavaag S., Havelin L.		
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?	7'	Scientific Programme Friday
FP04-1796	Barth J. (France), Duparc F.		
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?	7'	Scientific Programme Saturday
FP04-2242	Gudas R. (Lithuania), Piktuizyte Ausra		
14:14 – 14:21	Does the release of transverse ligament improve the results of high arthroscopic tenodesis?	7'	Nurse-Course Pre-Courses
FP04-2567	Franceschi F. (Italy), Franceschetti E., Paciotti M., Vasta S., Zampogna B., Maffulli N., Papalia R., Denaro V.		
14:21 – 14:28	Acromioclavicular joint morphology; a risk factor in symptomatic ACJ disease?	7'	
FP04-2592	Hoyle Antonia (United Kingdom), Jain N.		



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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? <i>FP05-6181 Petri M. (Germany) 7'</i>
15:37 – 15:44	Arthroscopic treatment of acute acromio-clavicular dislocations using a double button device: Clinical and MRI results <i>FP05-2713 Loriaut P. (France), Alkhaili J., Hardy A., Boyer P. 7'</i>
15:44 – 15:51	Intra-articular pressure of native and arthroscopic reconstructed AC-joints is dependent on the joint orientation <i>FP05-1196 Voss A. (United States of America), Singh H., Cote M., DiVenere Jessica, Imhoff A., Mazzocca A., Beitzel K. 7'</i>
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. <i>FP05-2506 Arirachakaran Alisara (Thailand), Piyapittayanun P., Boonard M., Yamaphai S., Prommahachai A., Chaijenkij K., Kongtharvonskul J. 7'</i>
16:00 – 16:30 Coffee break, visit industrial & e-poster exhibition	

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Room: 112

16:30 – 17:30 **Subscapularis tendon**

Moderation: Bak K. (Denmark), Imhoff A. (Germany)

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**

Moderation: Arce G. (Argentina)

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**

Calvo Diaz A. (Spain), Brzoska R. (Poland)





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'

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Room: 113

10:45 – 11:45 **Free Papers: Patellofemoral instability**

Moderation: Donell S. (United Kingdom), Koeter S. (Netherlands)

10:45 – 10:52 Medial patellofemoral ligament injury in children with first time lateral patellar dislocation – an MRI and arthroscopy study

FP11-1148 *Askenberger Marie (Sweden), Arendt Elizabeth, Ekström Wilhelmina, Voss Ukrika, Finnbogason T., Janarv P.*

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

FP11-1130 *Donell S. (United Kingdom), McNamara I., Bua N., Smith T., Ali K.*

7'

10:59 – 11:06 Trochleoplasty with a flexible osteochondral flap: Results and outcomes of a 12 years series

FP11-2315 *Metcalfe A. (United Kingdom), Clark D., Kemp M., Eldridge J.*

7'

11:06 – 11:13 Analysis of failures following medial patellofemoral ligament (MPFL) reconstruction and imbrication

FP11-2706 *Hiemstra Laurie (Canada), Kerslake Sarah, Lafave M.*

7'

11:13 – 11:20 Clinical and radiological outcome after medial patellofemoral ligament reconstruction and tibial tuberosity medialisation – a comparative retrospective study

FP11-2038 *Lobner S. (Germany), Venjakob A., Krauss Christine, Reichwein F., Patzer T., Nebelung W.*

7'

11:20 – 11:27 Are there predictive factors for complications and surgical failure in patellofemoral stabilization surgery? A retrospective study of 336 knees

FP11-1528 *Tscholl P. (Switzerland), Wanivenhaus F., Fucentese S.*

7'

11:27 – 11:34 MRI measurements associated with patellofemoral instability

FP11-1720 *Strickland Sabrina (United States of America), Munch J., Sullivan J., Nguyen J., Mintz D., Green D., Shubin Stein Beth*

7'

11:45 – 12:00 **AOSSM and APKASS Travelling fellows presentation**

Moderation: Randelli P. (Italy), Karahan M. (Turkey)

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), Gouttebauge 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'

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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	FP12-1845 <i>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	FP12-1152 <i>Jenny J. (France), Honecker Sophie</i>	7'
18:29 – 18:36	Cruciate retaining total knee replacement: How much of the PCL is really retained?	FP12-2811 <i>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	FP12-2623 <i>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	FP12-1414 <i>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?	FP12-1977 <i>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	FP12-2435 <i>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	FP12-1322 <i>Couto A. (Portugal), Vide J., Freitas Tania, Ramos A., Sousa J.</i>	7'

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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	

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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'

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**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 <i>DE02-6404 Corte-Real N. (Portugal), and co-workers: Carvalho N., Duarte Silva M.</i>	3'+4'
11:37 – 11:44	Combined lateral ligament and tibiofibular syndesmotom repair of the ankle <i>DE02-6405 Ambrozic B. (Slovenia)</i>	3'+4'
11:44 – 11:53	A patient with posttraumatic neuroalgodistrophy – Operations causing problems <i>DE02-6406 Pereira H. (Portugal)</i>	3'+4'
11:53 – 12:00	Syndesmotom lesions in ankle fractures: Hook-test vs. arthroscopy <i>DE02-6407 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>	
CP01-6142	Case Presentations <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>	

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Room: 117

14:30 – 15:00 **Live surgical demonstration (AFAS)**

Moderation: *Kerkhoffs G. (Netherlands)*



	Arthroscopic ankle ligament reconstruction	
LD01-6329	Surgeon: <i>Bauer T. (France)</i>	30'

15:00 – 16:00 **Arthroscopic fusion in ankle surgery**

Moderation: *de Leeuw P. (Netherlands), Calder J. (United Kingdom)*

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

16:30 – 17:00 **Debate AFAS/ATSG: My worst achilles case**

Moderation: *Calder J. (United Kingdom), Karlsson J. (Sweden)*

17:00 – 17:15 **Keynote lecture by John Kennedy**

Moderation: *Carmont M. (United Kingdom)*

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

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



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'

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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

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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		
FP21-1334	<i>Airachakaran Alisara (Thailand), Boonard M., Chaijenkij K., Pituckhanotai K., Prommahachai A., Kongtharvonskul J.</i>	7'	Overview Timetables
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		
FP21-2544	<i>Franceschi F. (Italy), Franceschetti E., Palumbo A., Paciotti M., Campi S., Maffulli N., Papalia R., Denaro V.</i>	7'	Scientific Programme Wednesday
10:44 – 10:51	Return to play outcomes after superior labral anterior-posterior tear repair in high school baseball pitchers		
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 Thursday
10:51 – 10:58	Clinical outcome and pain relief after arthroscopic repair of isolated type II SLAP lesions – The progress over time		
FP21-2583	<i>Bösmüller Sandra (Austria), Tiefenböck T., Hofbauer M., Bukaty A., Oberleitner G., Huf W., Fialka C.</i>	7'	Scientific Programme Friday
			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? <i>SY16-5043 Boe Berte (Norway)</i>	10'
11:10 – 11:20	Partial rotator cuff tears in overhead athletes. Diagnosis and treatment options <i>SY16-5044 Kovacic L. (Slovenia)</i>	10'
11:20 – 11:30	Rotator cuff tears in volleyball players <i>SY16-5045 Deligeorgis A. (Greece)</i>	10'
11:30 – 11:40	Shoulder instability and rotator cuff lesions <i>SY16-5046 Beitzel K. (Germany)</i>	10'
11:40 – 11:50	Incidence and treatment of rotator cuff lesions in overhead athletes <i>SY16-5047 Meyer D. (Switzerland)</i>	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>	
KN05-6169	Understanding scapulothoracic pathology and its relationships <i>García-Navlet M. (Spain)</i>	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** Voting

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** Voting

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'

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



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'

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**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'

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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>	
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'
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'
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'
11:25 – 11:30	Discussion	5'

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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 <i>Moderation: Tecklenburg Katja (Austria), Rincon G. (Colombia)</i>			Overview Timetables
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 <i>FP20-2790 Delin C. (France), Vandensteene J., Rousseau R., Thelen P., Silvera S., Javoy P., Djian P., Legmann P.</i>	7'	Scientific Programme Wednesday
16:22 – 16:29	The influence of the morphology of ACL remnant on the outcome of the ACL reconstruction with remnant preservation <i>FP20-2769 Cholewinski J. (Poland), Ficek K., Wiatr A., Herman Katarzyna</i>	7'	Scientific Programme Wednesday
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 <i>FP20-1237 Yokota M. (Japan), Onodera Jun, Kondo E., Kitamura N., Goto Keiko, Iwasaki N., Yasuda K.</i>	7'	Scientific Programme Thursday
16:36 – 16:43	Early results of a bioresorbable PLLA scaffold for regeneration of the ACL in high-activity patients <i>FP20-1197 van Egmond K. (Netherlands), Brouwer R., Arciero R., Stanton R., Clechet J.</i>	7'	Scientific Programme Friday
16:43 – 16:50	Does ACL rupture location play a role in dynamic intraligamentary augmentation? <i>FP20-1503 Krismer Anna (Switzerland), Ahmad S., Kohl S.</i>	7'	Scientific Programme Friday
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 <i>FP20-1577 Andonovski A. (Macedonia), Andonovska Biljana, Strezovski K., Nancheva Jasminka</i>	7'	Scientific Programme Saturday
17:00 – 17:15 Keynote lecture by Roshan Wade <i>Moderation: Djian P. (France)</i>			
	How to improve ACL healing and function <i>KN02-6395 Wade R. (India)</i>	15'	Nurse-Course Pre-Courses



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	

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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	

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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	Deranlot J. (France)	8'
10:38 – 10:46	Overhead athletes and instability		
	SY45-5029	Bak K. (Denmark)	8'
10:46 – 10:54	Glenoid defect anterior		
	SY45-5030	Itoi E. (Japan)	8'
10:54 – 11:02	Glenoid defect anterior		
	SY45-5031	Taverna E. (Italy)	8'
11:02 – 11:10	Glenoid defect posterior		
	SY45-5032	Guttmann D. (United States of America)	8'
11:10 – 11:18	Humeral sided defects – biomechanical background of remplissage		
	SY45-5033	Braun S. (Germany)	8'
11:18 – 11:26	Humeral sided defects – McLaughlin procedure		
	SY45-5034	Imhoff A. (Germany)	8'
11:26 – 11:34	Arthroscopic Latarjet: Learning curve and results		
	SY45-5035	Calvo Crespo E. (Spain)	8'
11:34 – 11:42	Latarjet		
	SY45-5036	Di Giacomo G. (Italy)	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'

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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: Hulet C. (France), Monllau J. (Spain)</i>		
17:15 – 17:17	Introduction		
	<i>SY13-6197 Hulet C. (France)</i>		2'
17:17 – 17:24	Anatomy of the meniscus		
	<i>SY13-6198 Zdanowicz Urszula (Poland)</i>		7'
17:24 – 17:31	Ultra sound of the meniscus		
	<i>SY13-6199 Klos B. (Netherlands)</i>		7'
17:31 – 17:38	Meniscal lesions in the knee and hidden lesions		
	<i>SY13-6200 Seil R. (Luxembourg)</i>		7'
17:38 – 17:45	Meniscal repair news trends and how to optimize		
	<i>SY13-6201 Graveleau N. (France)</i>		7'
17:45 – 17:52	Comparison meniscal repair and meniscectomy results		
	<i>SY13-6202 Pujol N. (France)</i>		7'
17:52 – 17:59	Meniscus discoid in children		
	<i>SY13-6203 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>	
07:30 – 07:40	Introduction: Dealing with labral pathology, where are we? <i>ICL12-6001 Lampert C. (Switzerland)</i>	10'
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'
08:10 – 08:20	Labral repair; trips and tricks <i>ICL12-6005 Dienst M. (Germany)</i>	10'
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	

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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>		Overview Timetables
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'	Scientific Programme Wednesday
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'	Scientific Programme Thursday
15:30 – 16:00	Coffee break, visit industrial & e-poster exhibition		Scientific Programme Thursday
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'	Scientific Programme Friday
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'	Scientific Programme Saturday
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'	Nurse-Course Pre-Courses
16:48 – 17:00	Discussion	12'	



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'	Scientific Programme Sunday
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'	Nurse-Course Pre-Courses
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>	
	Microfracture enhancement by biomaterials KN11-6311 Steinwachs M. (Switzerland)	15'
17:15 – 17:45	Free Papers: AMIC <i>Moderation: Condello V. (Italy), Arbel R. (Israel)</i>	
17:15 – 17:22	Cartilage behavior after nanofractures: 1-year follow-up of an in-vivo ovine study FP47-1969 Uboldi F. (Italy), Zedde P., Manunza M., Giachetti G., Manunta A.	7'
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 FP47-2190 Volz M. (Germany)	7'
17:29 – 17:36	Arthroscopic matrix-induced autologous chondrocyte implantation: 5 year clinical and radiological outcomes FP47-1894 Edwards P. (Australia), Ebert J., Bucher T., Fallon M., Janes G.	7'
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 FP47-2736 Prusinska Agnieszka (Poland), Piontek T., Ciemniowska-Gorzela Kinga, Naczek J., Grygorowicz Monika	7'

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



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	

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

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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		
<i>ICL15-5085</i>	<i>Milano G. (Italy)</i>		10'
07:40 – 07:50	How to get a correct diagnosis: The role of clinical exam and imaging studies		
<i>ICL15-5086</i>	<i>Deranlot J. (France)</i>		10'
07:50 – 08:05	Management of acute traumatic posterior shoulder dislocation		
<i>ICL15-5087</i>	<i>Moroder P. (Austria)</i>		15'
08:05 – 08:20	Recurrent posterior instability: The role of arthroscopy		
<i>ICL15-5088</i>	<i>Brzoska R. (Poland)</i>		15'
08:20 – 08:35	Recurrent posterior instability: Open surgical options		
<i>ICL15-5089</i>	<i>Martetschläger F. (Germany)</i>		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)		

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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 <i>Moderation: Karahan M. (Turkey), Kort N. (Netherlands)</i>			Overview Timetables
14:00 – 14:10	Athlete's shoulder (internal impingement, subtle posterior instability etc.) OS03-6044 Kovacic L. (Slovenia)	10'	
14:10 – 14:20	Non-arthroplasty options for shoulder OA OS03-6045 Korolev A. (Russian Federation)	10'	Scientific Programme Wednesday
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'	
14:40 – 14:50	Primary rotator cuff issues in the athlete OS03-6048 Charousset C. (France)	10'	Scientific Programme Thursday
14:50 – 15:00	Discussion	15'	
15:00 – 16:00 Review Course: Best practice in sports medicine – Lower limb <i>Moderation: Karahan M. (Turkey), Kort N. (Netherlands)</i>			Scientific Programme Friday
15:00 – 15:10	Anterior cruciate ligament treatment – emphasis on the role of rotatory control OS04-6049 Zaffagnini S. (Italy)	10'	
15:10 – 15:20	Meniscal preservation in difficult cases (radial, complex and root tears) OS04-6050 Musahl V. (United States of America)	10'	Scientific Programme Saturday
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'	
15:40 – 15:50	Patellofemoral instability: Role of MPFL OS04-6053 Dejour D. (France)	10'	Nurse-Course Pre-Courses
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 <i>Moderation: Hirschmann M. (Switzerland), Kort N. (Netherlands)</i>	
07:30 – 07:35	Introduction <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? <i>ICL11-6210 Kohl S. (Switzerland)</i>	10'
08:05 – 08:15	What is the role of MRI? <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 <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	

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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		

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

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

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**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	Epicondylitis		
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		

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

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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

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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 <i>FP38-1680 Smith P. (United States of America)</i>	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 <i>FP38-1518 Nau T. (Austria), Teuschl A., Heimel P., Nürnberger Silvia, Redl H.</i>	7'	Scientific Programme Wednesday
11:44 – 11:51	Comparing established and emerging surgical options for load reduction of the medial knee – A biomechanical study <i>FP38-2033 Becher C. (Germany), Huelsmann J., Ettinger M., Fleischer B., Niemeyer P., Bode G.</i>	7'	Scientific Programme Thursday
11:51 – 11:58	Which part of blood in the joint is responsible for its deleterious effects? <i>FP38-2184 Colak T. (Turkey), KAYA BICER Elcil, küçük I., Doganavsargil Basak, sezak m., Aydogdu S.</i>	7'	Scientific Programme Friday
11:58 – 12:05	Robotic assessment of anterolateral ligament: Reconstruction of the anterolateral and anterior cruciate ligament <i>FP38-2071 Dornan G. (United States of America), Nitri M., Rasmussen M., Williams B., Moulton S., Cruz R., Goldsmith Mary, LaPrade R.</i>	7'	Scientific Programme Friday
12:05 – 12:12	Hexagonal graft system in mosaicplasty: A biomechanical study <i>FP38-1299 Kar A. (Turkey), Uzun B., Ertem F., Tatari M.</i>	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 <i>FP38-6176 Sokolov T. (Bulgaria)</i>	7'	
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	

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



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

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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'

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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: Balias R. (Spain)

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

Instructor: Balias 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

Instructor: Vereecken S. (Belgium) On behalf of the team of Professor Staes

12:30 – 13:30 **PT 10:**
Latest technology in neuromuscular evaluation & Rehabilitation of lower extremity injuries and core stability (repetition)

Instructor: Vereecken S. (Belgium) On behalf of the team of Professor Staes

Room: 124/125

09:00 – 10:00 **PT 03:**
Prevention of ACL injuries

Instructor: Näsmark Annica (Sweden)

10:00 – 11:00 **PT 06:**
Prevention of ACL injuries (repetition)

Instructor: Näsmark Annica (Sweden)

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

11:30 – 12:30 **PT 11:**
Kinetic chain considerations in the return to play in the athletic shoulder

Instructor: Gibson Jo (United Kingdom), Horsley I. (United Kingdom)

12:30 – 13:30 **PT 12:**
Kinetic chain considerations in the return to play in the athletic shoulder (repetition)

Instructor: Gibson Jo (United Kingdom), Horsley I. (United Kingdom)

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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

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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)

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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.

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**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.

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**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, Koutsjannis 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 T.*

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*

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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

P06-1805 Ranuccio F. (Italy), Valkering K., Aufwerber Susanna, Domeij Arverud Erica, Nilsson G., Ackermann P.

Safety of Nerve Blocks in Arthroscopic Knee Joint Surgery

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P06-1970 Nishio H. (Japan), Kobayashi Y., Saita Y., Ikeda H.

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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 Gavınca 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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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?

P07-2076 Marmotti A. (Italy), Peretti G., Bonasia D., Bruzzone M., Dettoni F., Mattia S., Castoldi F., Rossi R.

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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Stabilization of the Mouse ACL Deficient Knee – A Clinically Relevant Model of PTOA

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

P08-1284 Yasui Y. (United States of America), Gianakos Arianna, Moya-Angeler J., Duggal Shivi, Mintz D., Zambrana L., Fields Kara, Cornell C., Lane J.



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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.*

Comparison of Radiographs and Computed Tomography for the Diagnosis of Extra-Articular Hip Pathologies Related to the Anterior Inferior Iliac Spine

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)*


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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.*

Arthroscopic assisted mini-open approach of the hip for the treatment of benign tumours of the femoral head and neck – a case series of 6 patients

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.

The New Lasso-Loop 360° Technique for Arthroscopic Suprapectoral Biceps Tenodesis – A Biomechanical Comparison

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.

Accuracy of proximal biceps therapeutic injection. Comparison between blind and ultrasound guided injection.

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

Unstable acromioclavicular joint injuries in skiers: nonoperative management might not condition ski performance limitations.

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


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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.

Can rotation-specific inferior humeral head translation (sulcus sign) accurately diagnose rotator interval region lesions?

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.


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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

P11-1824 Spormann C. (Switzerland), Sieverding M., Simmen B., Kolling C.

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.

Arthroscopic glenohumeral joint findings in patients older than 65 years with concomitant anterior dislocation and rotator cuff tear.

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.

Arthroscopic Bankart repair in patients over 30 years of age. Clinical and radiologic results at more than 10 years follow-up

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

Outcomes evaluation of arthroscopic treatment of the anterior shoulder instability with use of extracapsular stabilization by using the BLS and „remplissage“ techniques

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.

Delayed Development Of Instability Of The Shoulder In Patients Diagnosed With Bone Bruise Of The Humeral Head As A Result Of Direct Trauma Without Dislocation

P11-2578 Papalia R. (Italy), Franceschi F., Tecame A., Vasta S., Zampogna B., Diaz Balzani L., Maffulli N., Denaro V.

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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.*

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**P14 Basic science – shoulder**

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P15 Knee – osteotomy

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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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P16-2250 Oller Barbara (Spain), Yela C., Amillo J., Dolz C.

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P16-2269 Ettinger M. (Germany), Claaßen L., Paes P., Calließ T.

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P16-2354 Kanamoto T. (Japan), Mazuka T.


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P16-2380 Miyazawa S. (Japan), Furumatsu T., Tanaka T., Inoue H., Kodama Y., Ozaki T., Abe N.

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

P16-2833 Firer P. (South Africa), Gelbart B.


P17 Knee – conservative treatment

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

Pure platelet-rich plasma to treat early knee osteoarthritis: efficacy against first line treatment acetaminophen.

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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P17-2710 *Abate M. (Italy), Renevier J., Frizziero A., Pierelli L., Rosa D., O'Regan M.*

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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

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P18 Knee – patellofemoral

Long-term outcomes of treatment of patellar dislocation in children and adolescents

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One to Six years clinical and radiological outcome of Tibial rotational osteotomy and distal tuberosity transfer for symptomatic excessive external tibial torsion

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

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Selective bundle tensioning in double bundle MPFL reconstruction – Impact of knee flexion angle on dynamic patellofemoral contact pressure

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

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

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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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P18-2187 *Chatterton A. (Denmark), Sørensen O., Lind M., Nielsen T.*

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

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

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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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P18-2512 *Erasmus P. (South Africa)*

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P18-2646 *Hiemstra Laurie (Canada), Lafave M., Kerslake 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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P19-1233 *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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P19-1757 *Gali J. (Brazil), Gonzalez Nassar S., Pereira Talita, Cintra da Silva P.*

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

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P19-1900 *van Gennip S. (Netherlands), Heesterbeek Petra, van der Wal W., Wymenga A., Busch V.*


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P19-1905 Choi C. (South Korea (ROK)), Yoon G., Chang K., Ko M.

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P20 Knee – ACL clinical I

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

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P20-1181 Choi N. (South Korea (ROK)), Jung Y., Yang B.

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P20-1182 Choi N. (South Korea (ROK)), Jung Y., Yang B.

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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.*

Role of bony morphology on pre-operative pivot shift testing in ACL-Injured knees

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

Increased Lateral Tibial Plateau Slope – A Predisposing factor for ACL injury in male Collegiate American Football Players

P20-1616 *Soni A. (United States of America), Rahneimai-Azar A., Yaseen Zaneb, F. Van Eck C., Irrgang J., Fu F., Musahl V.*

A Novel Mass-Spring-Damper Model Analysis to Identify Landing Deficits in Athletes Returning to Sport after ACL Reconstruction

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

Assessment of the interest of the femoral block in the early postoperative analgesic treatment after ACL reconstruction: a non-inferiority study

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

Diagnostic value of SPECT-CT vs. MRI for patients with painful knee after anterior cruciate ligament reconstruction

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

Biomechanical Factors Influencing Knee Loading During Cutting After Anterior Cruciate Ligament (ACL) Surgery

P20-1803 *O'Malley Edwenia (Ireland), Richter C., King E., Strike Siobhan, Moran K., Jackson M., Moran R.*

Relationship Between Subjective And Functional Measures after Anterior Cruciate Ligament (ACL) Reconstruction

P20-1808 *O'Malley Edwenia (Ireland), Richter C., Strike Siobhan, Moran K., Jackson M., Moran R.*

Functional Hallux Limitus (FHL). Implications on Anterior Cruciate Ligament (ACL) ruptures. A new therapeutic approach.

P20-1822 *Tzioupis C. (Switzerland), Vallotton J.*

Differentiation of anterior cruciate ligament injuries through the identification of patient subtypes

P20-1912 *Mouton Caroline (Luxembourg), Theisen D., Agostinis Hélène, Nührenbörgler C., Pape D., Seil R.*

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P20-1913 *Kösters C. (Germany), Herbort M., Lenschow S., Raschke M., Schliemann B.*


P20 Knee – ACL clinical I

Does the adductor canal block have better pain control than the femoral nerve block in patients after anterior cruciate ligament surgery with semitendinosus and gracilis ?

P20-2061 *Viacava A. (Chile), Ruidíaz S., Sallaberry Chantal, Moreno C., Oyarce J., Moreno E., Mujica I.*

Evaluation of dynamic rotatory knee laxity after a soccer match

P20-2086 *Silvestre R. (Chile), Debandi A., Darras D., Neira A., Barra I., Cristi I.*

Patients with non-contact anterior cruciate ligament injuries display increased multidirectional knee laxity profiles

P20-2101 *Mouton Caroline (Luxembourg), Theisen D., Agostinis H el ene, N uhrenb orger C., Pape D., Seil R.*

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

P20-2136 *Yiannakopoulos C. (Greece), Tzanakakis N., Chatzikomninos I., Aggelis K.*

ACL reconstruction using the quadriceps tendon-patellar bone block autograft. A prospective case series with a minimum 3-year follow up

P20-2143 *Yiannakopoulos C. (Greece), Tzanakakis N., Chatzikomninos I., Aggelis K.*

Prospective comparative study of autologous hamstrings reconstruction of ACL through single-bundle versus double-bundle technique. Clinical follow-up to 7 years

P20-2279 *Yela C. (Spain), Oller B arbara, Amillo J., Dolz C.*

Reliability and Responsiveness of the Single Assessment Numeric Evaluation in individuals after Anterior Cruciate Ligament Reconstruction

P20-2280 *Irrgang J. (United States of America), Lynch A. (United States of America), Zhang Caiyan*

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Anterior cruciate ligament reconstruction combined with a lateral extra-articular tenodesis – quantitative pivot shift measurements using a novel iPad application

P20-2290 *Getgood A. (Canada), Hewison C., Musahl V.*

Conservative treatment of partial ruptures of the ACL: a prospective study of controlled ACL healing with fully restored anatomy and function in patients pre-selected by diffusion-weighted MRI – preliminary results

P20-2317 *Delin C. (France), Vandensteene J., Rousseau R., Philippe T., St ephane S., Patrick J., Patrick D., Legmann P.*

Return to play after ACL ligament reconstruction: French Experience

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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Prospective randomized comparison of double bundle vs. single bundle ACL reconstruction: six years-follow up

P20-2439 *Dini F. (Italy), de Girolamo Laura, Cattani M., Fenga D., Rosa M., Agravanti P.*

Arthroscopic Rectangular Anterior Cruciate Ligament Reconstruction Using A 15-mm Wide Bone-Patellar Tendon-Bone Allograft

P20-2473 *Minatani A. (Japan), Higashiyama R., Aikawa J., Iwase D., Takano S., Ucida K., Urabe K., Takaso M.*

Effects Of Gracilis Tendon Harvest On Thigh Muscle Strength

P20-2485 *Flies Anne (Germany), Kraus Natascha, Boeth Heide, Kopf S.*

Rotatory instability in patients undergoing revision ACL reconstruction: A prospective comparative study

P20-2495 *Soni A. (United States of America), Rahnemai-Azar A., Arner J., Zlotnicki J., Zaffagnini S., Fu F., Musahl V.*

Articular cartilage lesions 8 years after anterior cruciate ligament reconstruction correlate to abnormal rotational kinematics

P20-2516 *Mastrokalos D. (Greece), Zampeli Franceska, Velonakis G., Poulou Loukia, Karavasilis E., Toulas P., Roupelakis I., J. Papagelopoulos P.*

2 year follow up of ACL reconstruction with quadriceps tendon autograft

P20-2521 *Hoser C. (Austria), Hepperger Caroline, Fink C., Gföller P., Herbst E., Abermann Elisabeth*

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P20-2625 *Klos B. (Netherlands), Konijnenberg S., Scholtes M.*

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P20-2657 *Ventura A. (Italy), Legnani C., Zini Stefania, Terzaghi Clara, Borgo E.*

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P20-2737 *Yiannakopoulos C. (Greece), Foufa Konstantina, Tzanakakis N.*

Anterior cruciate ligament reconstruction in older patients

P20-2844 *Costa A. (Portugal), Sarmiento A., Saraiva D., Torres T., Lebre F., Santos F., Carvalho P., Pereira R.*

Factors predicting the non-displacement of ligament fibres in full rupture of the ACL.

P20-2854 *Delin C. (France), Thelen P., Wyler Annabelle, Silvera S., Vandensteene J., Legmann P., Folinais D.*

Specific early management of traumatic lesions of the Anterior Cruciate Ligament and its effects on the displacement of the ruptured ligament fibres – prospective study

P20-2856 *Delin C. (France), Thelen P., David B., Gotteland R., Mugnier G., Carrere P., Legmann P., Folinais D.*

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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.*

Proportional evaluation of anterior cruciate ligament footprint size and knee bony morphology

P21-1054 *Iriuchishima T. (Japan), Suruga M., Aizawa S., Fu F.*

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

P21-1059 *Park H. (South Korea (ROK))*

Femoral nerve block has no advantage over intraarticular local anaesthetic infiltration in patellar tendon autograft ACL reconstruction in outpatients

P21-1071 *Pujol N. (France), Marouan A., Boisrenoult P., Beaufills P.*

Prediction of length and diameter of hamstring tendon autografts for knee ligament surgery in Caucasians

P21-1113 *Janssen R. (Netherlands), van der Velden Marly, van de Besselaar M., Reijman M.*

Anterior cruciate ligament reconstruction and accelerated brace-free rehabilitation: a systematic review. Part I. Hamstring tendon autograft

P21-1115 *Janssen R. (Netherlands), Engelen-van Melick Nicky, van Mourik J., Reijman M., van Rhijn L.*

BTB graft preparation technique to increase cross-sectional area of the graft in anterior cruciate ligament reconstruction

P21-1126 *Milankov Miroslav (Serbia), Obradovic M., Vranjes M., Budinski Z.*

Quantitative evaluation of revascularization at bone tunnels and grafts with contrast-enhanced magnetic resonance angiography after anterior cruciate ligament reconstruction

P21-1127 *Kanamura H. (Japan), Arai Y., Hara K., Nakagawa S., Inoue H., Kan H., Kubo T.*

Cyclic or static tensioning of tendon graft: which is more predictable?

P21-1144 *Rocha Piedade S. (Brazil), Maria dal Fabbro I., Maria Mischan Martha, Piedade Junior C., Maffulli N.*

Arthroscopic debridement and lavage can save retained ACL graft

P21-1217 *Othman A. (Egypt)*


P21 Knee – ACL clinical II

The Relationship between the Location of Bone Plug Inserted to the Femur and the Dilatation of Tunnel Aperture in Anatomic Rectangular Tunnel ACL Reconstruction with a Bone-patellar Tendon-bone Graft

P21-1229 *Uchida R. (Japan), Shiozaki Y., Tanaka Y., Kita K., Amano H., Horibe S.*

Remnant-Preserving Augmentation with Bone-Patellar tendon-Bone graft For Partial Tears of Anterior Cruciate Ligament

P21-1236 *Yokoe T. (Japan), Tajima T., Taniguchi N., Ishida Y., Chousa E.*

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

P21-1247 *Lee S. (South Korea (ROK)), Jung M., Kim S., Choi C., Kim S., Yoon G.*

Comparison of Graft Maturation between Transportal and Transtibial drilling technique of the Femoral Tunnel in Anatomical Double-Bundle Anterior Cruciate Ligament Reconstruction

P21-1253 *Saito M. (Japan), Nakajima A., Sonobe M., Takahashi H., Yamada M., Koyama K., Yamamoto K., Nakagawa K.*

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P21-1270 *Furumatsu T. (Japan), Miyazawa S., Tanaka T., Inoue H., Ozaki T.*

Effects of Ligament Remnant Tissue Preservation on Tunnel Enlargement and Coalition after Anatomic Double-Bundle Anterior Cruciate Ligament Reconstruction: A Computed Tomography Study

P21-1288 *Masuda T. (Japan), Kondo E., Onodera Jun, Kitamura N., Mizuta H., Iwasaki N., Yasuda K.*

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P21-1298 *Sasaki Y. (Japan), Nochi H., Abe Satomi, Ito H.*

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P21-1343 *van Eck Carola (United States of America), Surer L., Yapici C., Guglielmino Claudia, Irrgang J., Fu F.*

Suspensory femoral fixation device position in relation with clinical outcome after All-inside ACL reconstruction

P21-1348 *van Dijck R. (Netherlands), Heijnen S., van Ommereen J.*

Objective Outcomes of the All-inside ACL Reconstruction

P21-1360 *van Dijck R. (Netherlands), Heneweer A., ter Stege Marloes, Heijnen S.*

Comparative MRI Study of Cross-sectional Area of Anatomic Double Bundle Anterior Cruciate Ligament Reconstruction Grafts and the Contralateral Uninjured Knee

P21-1361 *Moon S. (South Korea (ROK)), Wang J., Lee B.*

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Influence of Change of Tunnel Axis Angle on Tunnel Length during Double-Bundle ACL Reconstruction via the Transportal Technique

P21-1362 Lee B. (South Korea (ROK)), Wang J.

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

P21-1364 Lee B. (South Korea (ROK)), Wang J.

CT value and enlargements of round and rounded rectangular femoral bone tunnel for anterior cruciate ligament reconstruction

P21-1377 Takata Y. (Japan), Nakase J., Numata H., Oshima T., Tsuchiya H.

Preoperative Anterior Tibial Subluxation in Patients with long-lasting Anterior Cruciate Ligament Deficiency – A Possible Cause of Spontaneous Rupture of the ACL Graft

P21-1410 Tanaka Y. (Japan), Kita K., Amano H., Uchida R., Shiozaki Y., Horibe S.

The Role of Lower Limb Dominance in ACL Ruptures: A study of limb dominance and the severity of knee injuries in ACL tears

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Timing of ACL reconstructions within the first year after trauma

P21-1421 Krutsch W. (Germany), Zellner J., Koch M., Pfeifer C., Nerlich M., Angele P.

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The incidence of postoperative venous thromboembolism and its risk factors after anterior cruciate ligament surgery

P21-1463 Kraus-Schmitz J. (Sweden), Lindgren V., Forssblad M., Janarv P., Stålmán A.


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Kinesiophobia after Anterior Cruciate Ligament Reconstruction – Does Kinesiophobia result in poorer outcomes?

P21-1478 *Lim J. (Singapore), Kyaw Z., See Wenyi Samantha, Zhuang Z., Loh J., Leo S., Ong K., Lee D.*

Early integration of a bone plug in the femoral tunnel in anatomic rectangular tunnel ACL reconstruction with a bone-patellar tendon-bone graft fixed by an adjustable-length femoral cortical suspension device.

P21-1484 *Uchida R. (Japan), Toritsuka Y., Kusano M., Mae T., Ohzono K.*

Revision ACL Reconstruction using BTB Autograft after Primary ACL Double Bundle Reconstruction: an Age- and Gender- Matched-pair Comparison with Primary ACL Reconstruction using BTB Autograft

P21-1491 *Tomihara T. (Japan), Hashimoto Y., Taniuchi M., Takigami J., Shimada N.*

No negative effect on patient-reported outcome of cartilage lesions 5-9 years after ACL-reconstruction.

P21-1492 *Ulstein S. (Norway), Bredland Karin, Årøen A., Engebretsen L., Røtterud J.*

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P21-1494 *Faleide Anne Gro Heyn (Norway), Vervaat Willemijn, Bogen B., Inderhaug E., Magnussen Liv Heide*

The effects of preconditioning with ischemic exercise on quadriceps femoris muscle atrophy following ACL reconstructin

P21-1512 *Grapar Zargi Tina (Slovenia), Drobnic M., Koder J., Strazar K., Kacin A.*

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P21-1514 *Tigerstrand Grevnerts Hanna (Sweden), Gravare Silbernagel Karin, Sonesson Sofi, Ardern Clare, Österberg Annika, Gauffin H., Kvist Joanna*

Anterior Cruciate Ligament Elongation During Gait and Running is Influenced by Force More Than Knee Flexion Angle

P21-1531 *Nishizawa Y. (United States of America), Irrgang J., Fu F., Tashman S.*

The effect of preserving remnant tissues in anatomical double bundle ACL reconstruction on the postoperative bone tunnels enlargement.

P21-1537 *Inoue M. (Japan), Tsukuda K., Seito N., Iwasaki K., Yasuda K.*

The influence of sex hormones on anterior cruciate ligament ruptures in males

P21-1564 *Stijak L. (Serbia), Kadija M., Bumbasirevic M., Santrac-Stijak Gordana, Milovanovic D., Branislav F.*

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P21-1608 *Poudroux T. (France), Ruiz N., Marchand J., Robert H.*

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P21 Knee – ACL clinical II

Comparison of outcome after anatomic double-bundle and standard antero-medial portal single-bundle reconstruction in ACL-injured patients

P21-1611 *Sernert Ninni (Sweden), Karikis I., Ahldén M., Casut A., Kartus J.*

Risk factors for progression of articular cartilage damage after anatomic anterior cruciate ligament reconstruction: A second-look arthroscopic evaluation

P21-1623 *Nakamae A. (Japan), Ochi M., Adachi N., Deie M., Ishikawa M., Nakasa T.*

3D-MRI evaluation of the anterolateral ligament of the knee using 3.0-T scanner

P21-1626 *Muramatsu K. (Japan), Watanabe H., Hachiya Y.*

Inefficacy of therapeutic contention on early postoperative pain after ACL reconstruction: prospective comparative study

P21-1643 *Bohu Y. (France), Laborie Marine, Herman Serge, Gerometta A., Klouche S., Lefevre N.*

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P21-1662 *Teraoka T. (Japan), Hashimoto Y., Terai S., Nishida Y., Nakamura H.*

A comparative study of clinical and functional outcomes between double bundle and single bundle arthroscopic anterior cruciate ligament reconstruction.

P21-1712 *Yoon G. (South Korea (ROK)), Jeon S., Choi C.*

A novel evaluation using ultrasonography to quantify the dynamics of the infrapatellar fat pad after anterior cruciate ligament reconstruction

P21-1722 *Kitagawa T. (Japan), Nakase J., Numata H., Oshima T., Takata Y., Tsuchiya H.*

A 3D biomechanical comparison of maximal vertical and horizontal single leg jump landing in ACL reconstructed athletes at 6 months post surgery

P21-1738 *King E. (Ireland), Richter C., O'Reilly E., Strike Siobhan, Moran K., Jackson M., Moran R.*

The Comparison Of Clinical Results According To Preservation Of Tibial Remnant In Arthroscopic ACL Reconstruction With Hamstring Using Cross Pins

P21-1748 *Kwon S. (South Korea (ROK)), Lee B.*

Dynamic Intraligamentary Stabilization: Initial Experience with Treatment of Acute ACL Ruptures

P21-1754 *Ahmad S. (Switzerland), Krismer Anna, Kohl S.*

The extent and patterns of the bone bruises after complete and partial ACL ruptures

P21-1763 *Makridis K. (Greece), Rousseau R., Delin C., Zourntou Mantina, Dijan P.*

Exploring the high re-injury rate in young patients undergoing anterior cruciate ligament reconstruction

P21-1770 *Webster Kate (Australia), Feller J.*


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Anatomic Single-bundle ACL Reconstruction with Quadriceps Tendon

P21-1774 Park S. (South Korea (ROK)), Kang H., Yang T.

Elongation of loop of adjustable-length femoral cortical suspension device did not occur in the anatomic ACL reconstruction by the anatomical rectangular tunnel technique with a bone-patellar tendon-bone graft.

P21-1781 Kusano M. (Japan), Toritsuka Y., Uchida R.

Septic Arthritis After Arthroscopic Anterior Cruciate Ligament Reconstruction: a 12 year single center experience

P21-1785 Hantes M. (Greece), Raoulis V., Doxariotis N., Karatzios K., Chliapas S., Malizos K.

Outcomes 1 Year After ACL Reconstruction With Focus on the Influence of Patient Age

P21-1807 Foo G. (Singapore)

Novel anatomical single bundle ACL reconstruction using a rounded rectangle dilator

P21-1860 Nakase J. (Japan), Toratani T., Kosaka M., Ohashi Y., Numata H., Oshima T., Takata Y., Tsuchiya H.

Increased Medial Meniscal Slope is Associated with Greater Risk of Ramp Lesion in Non-contact Anterior Cruciate Ligament Injury

P21-1863 Song G. (China), Feng H.

Does Posterior Tibial Slope Effect on ACL Graft Re-rupture in Patients with ACL Reconstruction?

P21-1867 Cho S. (South Korea (ROK)), Youm Y., Cho H.

High-grade Pivot-shift Phenomenon after Acute Anterior Cruciate Ligament Injuries: A Risk Factor Analysis

P21-1873 Song G. (China), Feng H.

The ideal femoral tunnel position using 3D-CT in anatomic single-bundle ACL reconstruction.

P21-1891 Yoon K. (South Korea (ROK)), Lee S., Hur D., Lee S., Kim J.

Tunnel widening and graft maturation following ACL reconstruction using hamstring autograft: Does range of motion restriction postoperatively make a difference?

P21-1896 Yoon K. (South Korea (ROK)), Lee S., Lee S., Hur D., Kim J., Tak D.

Limb asymmetry following anterior cruciate ligament (ACL) reconstruction: implications for the return to sport and risk of re-injury.

P21-1898 Edwards P. (Australia), Ebert J., Carey-Smith R., Janes G.

Greater trunk flexion during a single limb landing task in people with anterior cruciate ligament reconstruction

P21-1915 McClelland Jodie (Australia), Palazzolo S., Webster Kate, Feller J.

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Accuracy of femoral tunnel positioning in anterior cruciate ligament revision surgery through an outside-in technique: 3-Dimensional Computed Tomography evaluation

P21-1917 *Giron F. (Italy), Losco M., Giannini L., Buzzi R.*

Synovial Integrity of the ACL Remnant Influences the Graft Synovialization After Reconstruction

P21-1929 *Han H. (South Korea (ROK)), Kim B., Kim J., Lee K., Lee O., Lee S., Lee M.*

Serial Evaluation of the Graft Maturity after Anterior Cruciate Ligament Reconstruction Using Autologous Quadriceps Tendon by Contrast Enhanced Magnetic Resonance Imaging – Comparison between Remnant bundle preservation vs. non-preservation

P21-1931 *Lee M. (South Korea (ROK)), Lee S., Han H., Kim B., Kim J., Lee K., Lee O.*

The relevance of anterior cruciate ligament rupture pattern and intra-articular co-injury

P21-1941 *Kim Y. (South Korea (ROK)), Joo Y., kang C., Lee W., Park I., Lee K., Jeon J.*

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P21-1945 *Jenny J. (France), Clément X.*

Tibial tunnel enlargement after the anatomic rectangular tunnel ACL reconstruction with a BTB graft

P21-1951 *Okimura S. (Japan), Shino K., Nakagawa S., Iuchi R., Take Y., Mae T.*

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A comparison between Semitendinosus and Quadriceps tendon grafts

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P21-1987 *Hofbauer M. (Austria), Schurz M., Plachel F., Steiner G., Tiefenböck T.*

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P21-2035 *Madadi F. (Iran)*


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Pre-operative Magnetic Resonance Imaging Does Not Predict Hamstring Graft Size for ACL reconstruction

P21-2039 *Plastow R. (United Kingdom), Jain N.*

Short graft ACL reconstruction

P21-2049 *Saita Y. (Japan), Wakayama T., Takazawa Y., Ikeda H., Fukasaku S., Kobayashi Y., Nemoto M., Kaneko K.*

Anterior laxity, functional performance, and patient-reported outcome one year

P21-2103 *Jensen Bettina (Denmark), Comins J., Nielsen Ina Wieland, Siersma V., Krogsgaard M.*

Integrated Clinical Protocol for Treatment Selection to Prevent Osteoarthritis in Anterior Cruciate Ligament Reconstruction

P21-2109 *Zaffagnini S. (Italy), Signorelli Cecilia, Marchiori G., Raggi F., Bontempi M., Bragonzoni Laura, Lopomo N., Marcacci M.*

Changes in cross-sectional area of patellar tendon graft after the anatomic rectangular tunnel ACL reconstruction.

P21-2114 *Kinugasa K. (Japan), Hamada M., Yonetani Y., Matsuo T., Yoneda K., Shino K.*

Young adult men at 5-10 years after autologous hamstrings ACL reconstruction: relationships between patient characteristics, intraoperative findings, graft laxity, and return to sports

P21-2118 *Hetsroni I. (Israel), van Stee M., Marom N., Koch J., Dolev E., Maoz G., Nyska M., Mann G.*

Partial thickness Quadriceps tendon-bone autograft for isolated MCL reconstruction and for combined MCL with bone-patellar tendon-bone ACL reconstruction

P21-2127 *Hetsroni I. (Israel), Mann G.*

Bone tunnel enlargement following anterior cruciate ligament reconstruction using hamstring autograft: a 15-year radiographic follow-up study.

P21-2133 *Maes M. (Australia), Feller J., Webster Kate*

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P21-2153 *Monllau J. (Spain), Pérez-Prieto D., Pelfort López X., Hinarejos P., Torres-Claramunt R., Leal J., Sánchez-Soler J., Gelber Ghertner P.*

Three-dimensional orientation of anterior cruciate ligament grafts after anatomic triple bundle reconstruction.

P21-2158 *Take Y. (Japan), Mae T., Shino K., Tachibana Y., Iuchi R., Nakagawa S., Nakata K., Yoshikawa H.*

The relationship between sagittal spino-pelvic alignment and anterior cruciate ligament injury.

P21-2166 *Matsunaga R. (Japan), Sando T., Suzuki H., Katori Y., Endo K., Yamamoto K.*


P21 Knee – ACL clinical II

Hamstring symptoms after ACL reconstruction

P21-2172 *Sarimo J. (Finland), Tupola T., Lempainen L., Orava S.*

Onset of muscular activity during the drop vertical jump following ACL reconstruction

P21-2179 *Gette P. (Luxembourg), Meyer C., Malisoux L., Seil R., Theisen D.*

Is the Intercondylar Notch Size a Risk Factor for Failure in Skeletally Immature Athletes that Undergo ACL Reconstructions?

P21-2191 *Tuca Maria (United States of America), Gausden Elizabeth, Cordasco F., Green D.*

An MRI Analysis of Graft Maturity following All-Epiphyseal ACL Reconstruction (ACLR) in Skeletally Immature Athletes.

P21-2197 *Tuca Maria (United States of America), Uppstrom T., Gausden Elizabeth, Harry G., Potter Hollis, Cordasco F., Green D.*

Primary ACL Repair vs. Reconstruction: Investigating the Current Conventional Wisdom.

P21-2230 *Bucci Gabriella (United States of America), Begg, PA-C M., Pillifant, ATC K., Singleton S.*

Biocomposite properties of a poly 96L/4D copolymer-betatricalcium phosphate (bTCP) interference screw at a minimum five years postoperative

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Does Synovial coverage Influence on Functional Performance Test Following Anterior Cruciate Ligament Reconstruction? 2 years follow-up after reconstruction

P21-2376 *Ha J. (South Korea (ROK)), Chung K., Ra H., Kim J.*

The accuracy of the clinical examination in post-traumatic knee haemarthrosis of the knee joint

P21-2388 *Bataga T. (Romania), Solyom A., Ivanescu A., Simona Bataga, Albu D., Pal F., Anghel S.*

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P21-2400 *Shimizu R. (Japan), Adachi N., Nakamae A., Ishikawa M., Ochi M.*

Effect of ACL Reconstruction Tunnel Position on the Contact Stress on the Graft: Finite Element Analysis

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

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

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

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

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

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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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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.*

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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?

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

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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

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

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P22-1143 Othman A. (Egypt)

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

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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.

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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.*

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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.*

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P22-2810 *Ronga M. (Italy), Stissi P., Angeretti Gloria, Genovese E., Cherubino P.*



P23 Knee – meniscus

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P23-1147 *Pujol N. (France), Boisrenoult P., Beaufills P.*

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P23-1159 *Pujol N. (France), Boisrenoult P., Beaufills P.*

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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.*

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P23-1277 *Ahn J. (South Korea (ROK)), Kim C., Lee S.*

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Percutaneous release of the medial collateral ligament in arthroscopic medial meniscectomy. Does it improve or worsen functional outcome?

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P23-1926 *Han H. (South Korea (ROK)), Kim B., Lee O., Kim J., Lee K., Lee S., Lee M.*

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P23-2064 *Moon C. (South Korea (ROK)), Lee K., Kim D., Choi N., Koh H.*

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P23-2092 *Tompkins M. (United States of America), Gronbeck K.*

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P23-2182 *Nakayama H. (Japan), Kanto R., Yoshiya S., Iseki T., Kambara S., Kashiwa Kaori*

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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.*

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P23-2244 *Tuca Maria (United States of America), Luderowski Eva, Potter Hollis, Rodeo S.*

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P23-2285 *Mickiewicz Patrycja (Poland), Walczak M., Wrobel Z.*

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P23-2357 *Nakayama H. (Japan), Kanto R., Iseki T., Kambara S., Kashiwa Kaori, Yoshiya S.*

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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.*

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P23-2535 *Guney A. (Turkey), Uzun E., Kafadar I., Karaman I., Bilal O.*

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P23-2584 *Miyatake S. (Japan), Miyatake M., Kubota K., Takao R., Koresawa K., Hamamoto T., Saiyo K.*

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P23-2586 *Sgroi M. (Germany), Reichel H., Kappe T.*

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P23-2591 *Ho C. (United States of America), Paproki A., Surowiec Rachel, Engstrom C., Strudwick M., Wilson Katharine J., Crozier S., Frupp J.*

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P23-2615 *Matheny Lauren (United States of America), Moulton S., Dean C., LaPrade R.*

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P23-2636 *Jung T. (Germany), Wilde Sophie, Hoburg A., Gwinner C.*

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P23-2697 *Pasa L. (Czech Republic), Kuzma J., Vesely R., Herufek R., Kelbl M.*

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P23-2777 *van den Bekerom M. (Netherlands), van der Post Anne Sophie, Scholtes Vanessa, Mutsaerts E.*

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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.*


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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.

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P24-1363 Lee B. (South Korea (ROK)), Wang J.

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P24-1415 Cavaignac E. (France), Wytrykowski Karine, Reina N., Murgier J., Pailhé R., Faruch M, Chiron P.

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The significance of graft / tunnel sizing for tunnel closure

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Quantitative Evaluation of Knee Laxity with Isolated Anteromedial – or Posterolateral-bundle Anterior Cruciate Ligament Deficient Knees

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The Role of an Extra-articular Tenodesis in Combined ACL and Capsular Injury

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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.

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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

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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.

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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.

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P24-2091 Gliatis J. (Greece), Stanev D., Moustakas K., Koutsogiannis K.

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The role of fibres within the tibial attachment of the ACL in resisting tibial displacement

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Robotic Assessment of Anterolateral Ligament: Secondary Role in the Setting of an Anterior Cruciate Ligament Injury

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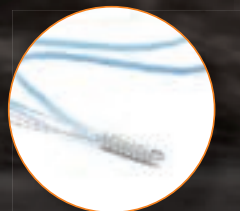
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112**

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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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

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**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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**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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**ROOM
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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**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 Herbolt, 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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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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**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

ROOM

111

Zimmer Biomet

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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*

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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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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

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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

**ROOM
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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DJO Global
UK-Guildford GU2 8XG

**The WIFI-Network is
kindly supported by:**





**The live surgical demonstrations
are kindly supported by:**



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Educational Programme
Awards/General Information

Travel & Access
Social Programme



ESSKA would like to thank the exhibitors of the 17th ESSKA Congress 2016 for their support!

Company	Country/City	Stand-No.
3D Systems, Symbionix Products	USA - Cleveland, OH 44103	22
Active Implants	NL - 3972 NG Driebergen	62
Akrus GmbH & Co. KG	D - 25337 Elmshorn	58 b
albrecht GmbH	D - 83071 Stephanskirchen	47
ALMA TISSUE ENGINEERING, S.L.	ES - 33940 El Entrego	60
AMPLITUDE	F - 26000 Valence	23
ANIKA THERAPEUTICS	IT - 35031 Abano Terme (PD)	52
Arthrex GmbH	D - 81249 München	13
BaiDe Medical	CN - 215627 Zhangjiagang	59
BIOTEK	IN - 380006 Ahmedabad	15
BIOVENTUS COÖPERATIEF U.A.	NL - 2132 LS Hoofddorp	29
BTI Biotechnology Institute	ES - 01007 Vitoria-Gasteiz	6
Cayenne Medical	USA - Scottsdale, AZ 85260	42
co.don AG	D - 14513 Teltow	40
ConforMIS Europe GmbH	D - 90763 Fürth	33
CONMED	BE - 1620 Drogenbos	24
CORIN	UK - Cirencester, Gloucestershire, GL7 1YJ	75
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

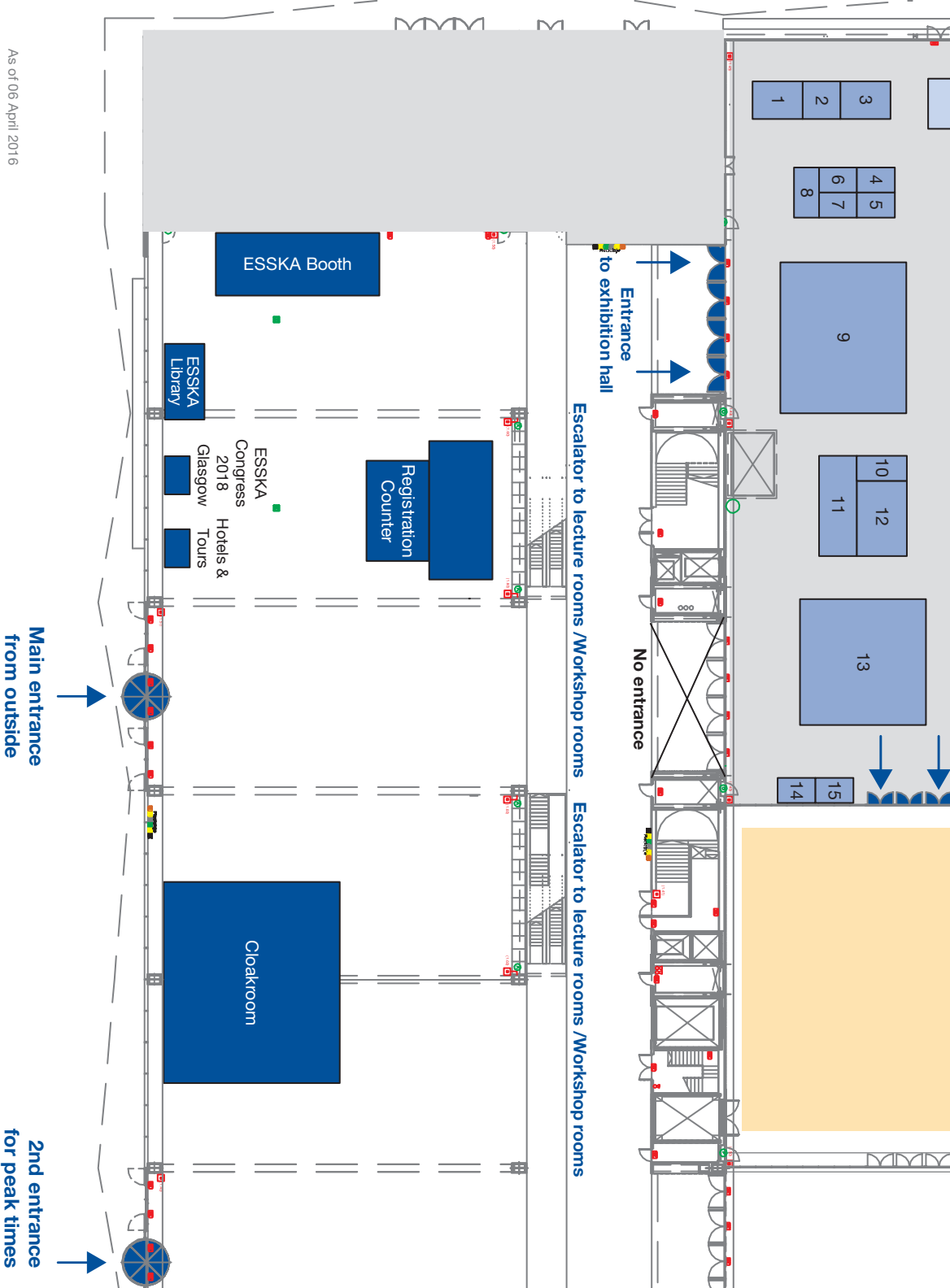
Board of reviewers
Lunch workshopsPartners/Exhibitors
FloorplansEducational Programme
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FLOORPLAN

Main level – Exhibition & Plenary



As of 06 April 2016





E-posters

Faculty

Board of reviewers
Lunch workshops

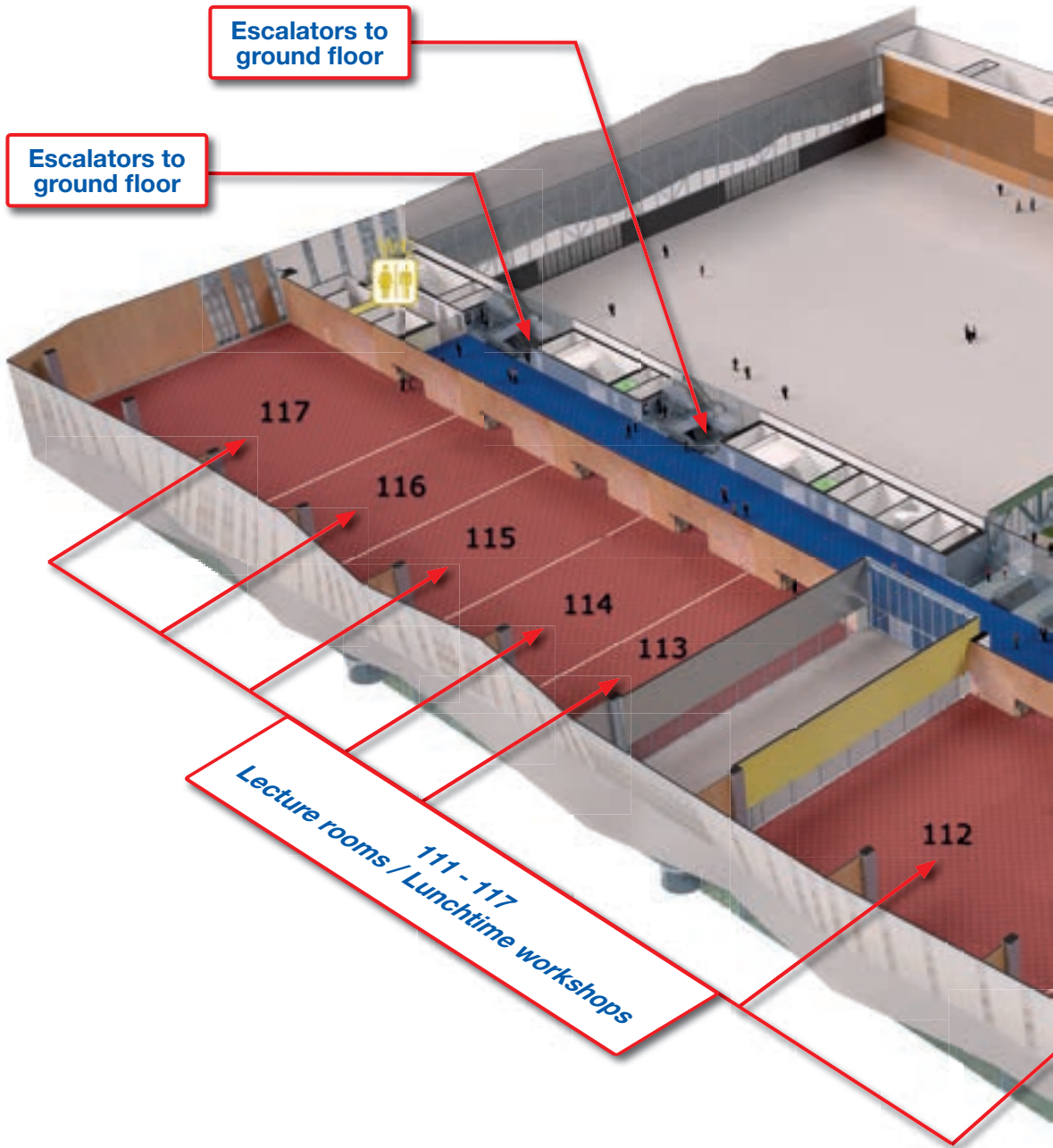
Partners/Exhibitors
Floorplans

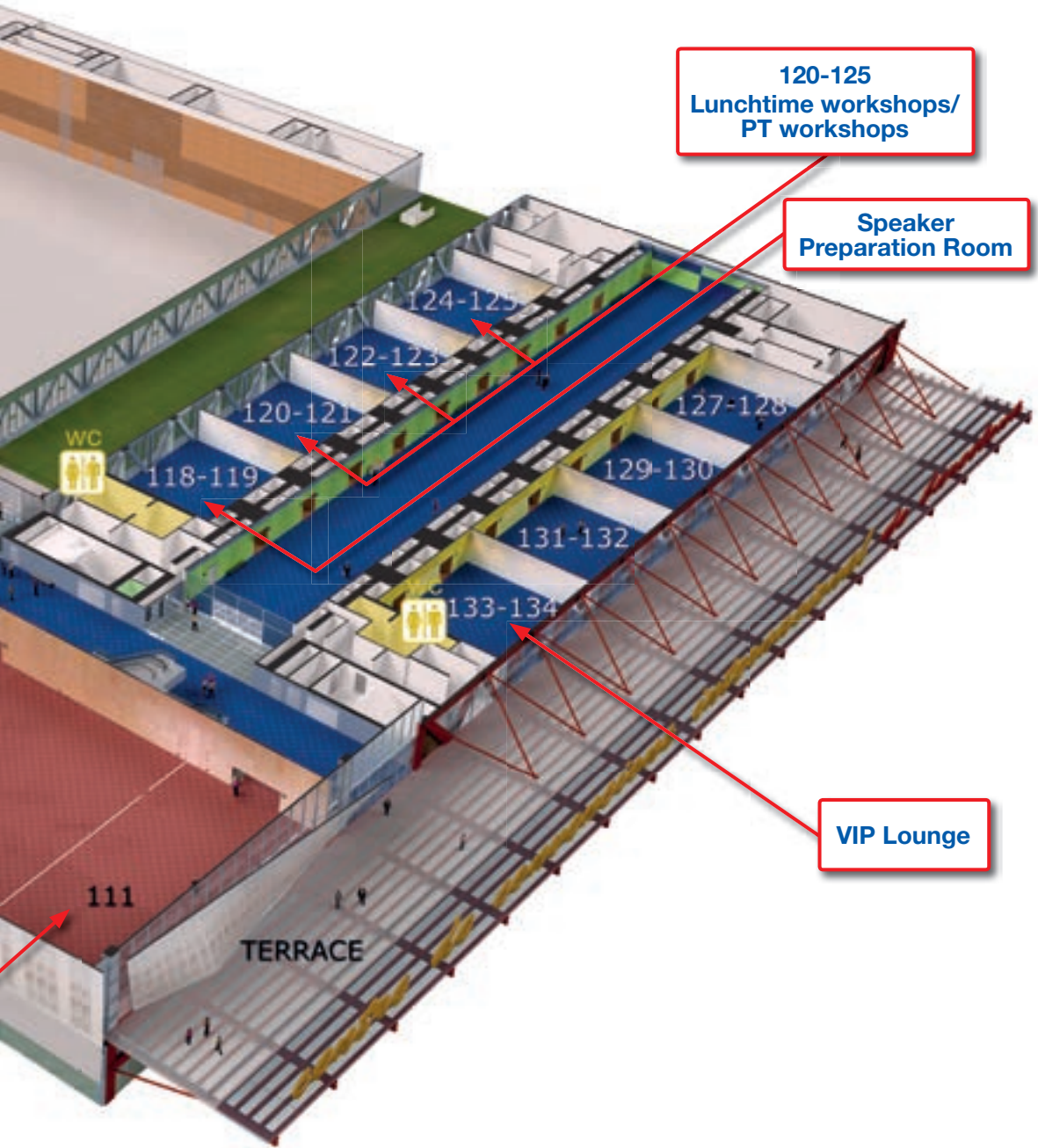
Educational Programme
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17th ESSKA Congress 2016 Floorplan exhibition







E-posters

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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 Traumatologia Deportiva (SLARD).

It is sponsored by **Smith and Nephew**, whom we thank for their support.



Board of reviewers
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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
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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.



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ESSKA ARTHREX

Osteotomy Fellowshisp

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.



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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

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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>

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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.



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.

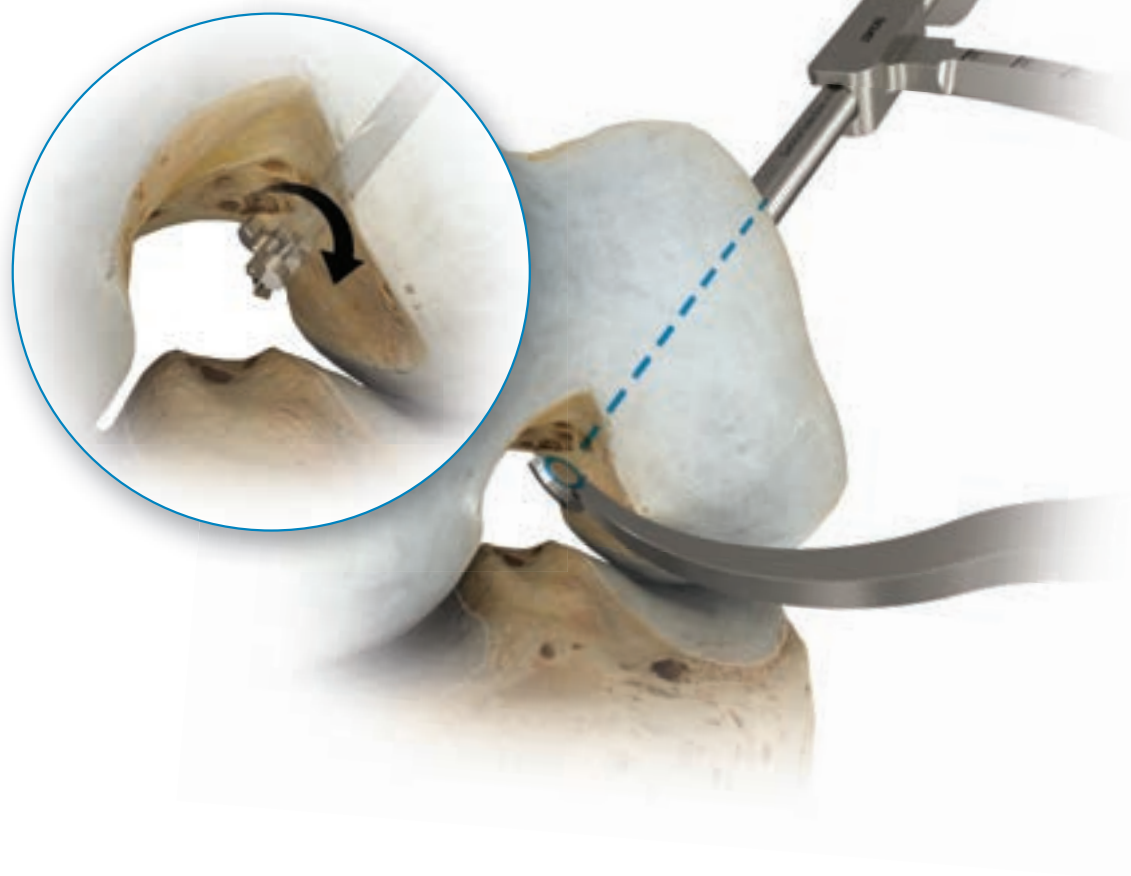
Communication

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



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The surgeon is responsible for determining the appropriate tunnel placement for each individual patient.



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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

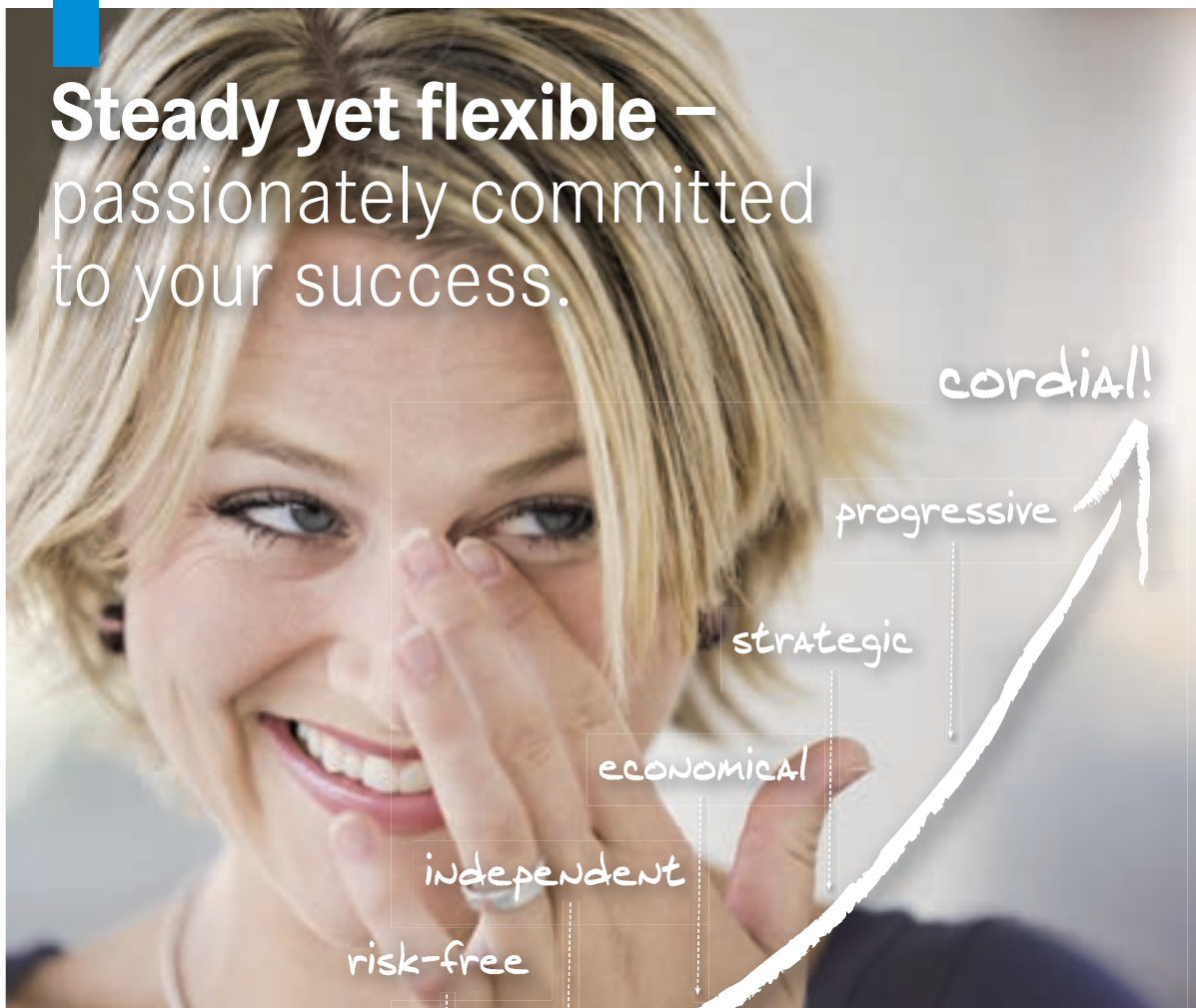
- <http://www.tmb.cat/en/home>
- <http://www.tram.cat/en/>

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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INTERCONGRESS

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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



© Torres Vinyards

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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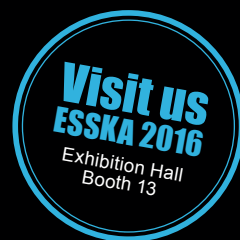
KNEE
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Lima Corporate invites you to discover our latest knee system during the
"Respecting Knee Kinematics with the Physica system" Symposium on
Friday 6th May, 12.30 - 13.30, Room 120-121

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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