EUROPEAN SOCIETY OF SPORTS TRAUMATOLOGY, KNEE SURGERY AND ARTHROSCOPY

ESSKA

14th ESSKA Congress

June 9-12, 2010
Oslo/Norway

Final Programme

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ESSKA Congress | Oslo, Norway | 9-12 June 2010

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[1] Barber FA, Dockery WD. 2008. Long-term Absorption of β-Tricalcium Phosphate Poly-L-LacticAcid Interference Screws. Arthroscopy April; 24(4): pp 441-447.

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WELCOME TO OSLO AND ESSKA 2010!

Welcome to Norway and Oslo!

Oslo is a perfect city for a sports medicine related congress. With its location between the mountains and the sea and a population which puts major emphasize on exercise and outdoor life Oslo is ready to greet our visitors in a most friendly way. The city of Oslo is more than 1,000 years old and with its access to the sea, has always been a city of travelers. While the Vikings conquered Europe with ships and swords, the modern Norwegians have conquered the world with their oil and shipping business. Be sure to take a stroll around town to see the two landmarks of Oslo, the new Opera House close to our venue and the brand new Holmenkollen ski jump built for the upcoming World Championship in Nordic Skiing in February 2010. Do not miss the ski museum while you are up there! Take the harbour boat over to Bygdøy and see the ancient heroes of Norway - the Viking ships that crossed the Atlantic more than a thousand years ago and the polar ships that took Norwegian explorers to the North and the South Pole. Breath in the contemporary Oslo while strolling on Karl Johan, the main street named after Karl Johan, the Swedish King in the 1800s. Renew friendships in the cafés on the oceanfront while watching the busy life on the harbour! For those who want to get a feel for the recreational life, we recommend a bike trip to Nordmarka, the beautiful recreational area surrounding Oslo. Take time out from your busy schedule and go for a one or two hour bike trip in the silence of the forest and the hills and meet the inhabitants of Oslo on their own turf. We want you to feel like a Norwegian while in Oslo! Use your feet, go for a run, have a snack on the ocean front, try the many variants of Norwegian fish and beer!

The ESSKA Congress is not only a place for science and education, but also a good opportunity to meet ESSKA members, renew friendships and create new ones. We know that you will find ESSKA stimulating and perhaps a future tool for you in your personal development in orthopaedics and sports medicine. Take the opportunity to find what ESSKA can offer you: not only the congress, but a modern, interactive web site, an excellent journal, courses around Europe and good colleagues. If you are not already a member, join ESSKA and be part of the modern development of orthopaedic surgery and sports medicine!

We promise to make your visit to Oslo worth while and look forward to be your hosts in June 9-12th 2010. Come join us!

Lars Engebretsen
President of ESSKA

Knut Jæger Hansen
Chair of the Congress Committee

WELCOME ADDRESS OF PROGRAMME CHAIRS

Dear colleagues and Members of ESSKA,

The European Society of Sports Traumatology, Knee Surgery and Arthroscopy (ESSKA) has the pleasure of inviting you to the 14th ESSKA Congress in Oslo, June 9-12, 2010.

We are proud to welcome you to the best scientific programme ever which features 18 Instructional Course Lectures, approximately 270 podium presentations and more than 600 posters. Altogether, there will be more than 50 symposia and 30 lectures.

Of course, this year's congress introduces several new and exciting features. One of those is the National Award Session for the best paper in 17 European countries. A second is live surgery for the first time in an ESSKA congress. Some of the very best European surgeons will perform surgery on hip, knee, shoulder and ankle.

We welcome the 4 Highlight Speakers: Elizabeth Arendt (USA), Roald Bahr (Norway), Jan Victor (Belgium) and Savio Woo (USA), who will give insight into the frontline of sports traumatology. We are proud to invite these distinguished speakers to the ESSKA congress. We are equally proud to welcome specially invited guests like John Bergfeld and Rocky Tuan.

In approximately the same manner as the Innsbruck and Porto congresses, the best paper of all submitted abstracts will be selected for the Theo-van-Rens Award. The 6 papers with the highest scores will compete for this prize in a separate session on Thursday in the Plenary Hall.

We are also happy to present a full 3-day Physiotherapist programme, with lectures, workshops, symposia and free papers.

The programme on Thursday, Friday and Saturday will start with the Instructional Course Lectures, followed by the plenary sessions with invited speakers giving highlight lectures. From 10.00/10.30 h there will be 6 parallel rooms with symposia, lectures, free papers, debates, and symposia. The scientific programme committee has worked hard on integration, geographical and scientific balance and you will find several new young speakers.

During the lunch breaks the industry will organise lunch symposia, demonstrating the latest technology available. These events are important, and most probably the best opportunity to keep up with the modern techniques.

The congress starts Wednesday morning, June 9, and will end on Saturday, June 12 at lunch time.

We cordially welcome you all to Oslo to share ideas and to participate in an exciting scientific and social programme.

Jon Karlsson
Programme Chair

Jacques Menetrey
Programme Chair

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ESSKA

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TIMETABLE, Wednesday, June 9, 2010

Time	Plenary (Hotel)	Room 2 (Spektrum)	Room 3 (Spektrum)
7.30			
7.45			
8.00	Opening ceremony		
8.15			
8.30	Highlight lecture by Savio Woo: Healing a Torn ACL - The Wholy Grail?		
8.45			
9.00	Highlight lecture by Jan Victor: Surgical treatment of knee arthritis: always confident, sometimes right?		
9.15			
9.30	Special Guest Lecture by John Bergfeld: Anterior Cruciate From Obscurity to Preeminence - Lessons Learned From a Rocky Road		
9.45			
10.00	Coffee break	Coffee break	
10.15			
10.30	Free papers: ACL I	Free papers: Total joint I	Free papers: Shoulder I
10.45			
11.00			
11.15			
11.30			
11.45			
12.00	Lunch Workshops	Lunch Workshops	
12.15			
12.30			
12.45			
13.00			
13.15			
13.30	Lunch break	Lunch break	
13.45			
13.50			
14.00	PCL revision surgery	ACL Revision Surgery: Clinical Approach and Evidence-based Outcomes	Step by step improvement of arthroscopic treatment of antero-inferior shoulder instability. An ULC multicentric study
14.10			
14.15		Double bundle ACL - Do we really need it?	
14.20			
14.30		Sport Specific: Soccer injuries	
14.45			
15.00			
15.15			
15.30	Coffee break	Coffee break	
15.45			
16.00	Free papers: ACL II	ESSKA SLARD: Sports Trauma - the very best in South America	Poster Short Communication I
16.15			
16.30			
16.45			
17.00	Reduction of internal rotation after ACL injury: what have we learned in the last years	Biomechanics, evaluation and management of medial collateral ligament	AC-joint instability - biomechanics and advances in surgical treatment
17.15			
17.30			
17.45			
18.00			
18.15			
18.30			
18.45			

TIMETABLE, Wednesday, June 9, 2010

Room 4 (Spektrum)	Room 5 (Spektrum)	Room 6 (Hotel)	Room 7 / Base I Holmenkollen / Oslofjord	Time
				7.30
				7.45
				8.00
				8.15
				8.30
				8.45
				9.00
				9.15
				9.30
				9.45
Coffee break		Coffee break		10.00
				10.15
Free papers: Meniscus I	Free papers: Pelvis Groin	PT: Knee symposium part I ACL-injury		10.30
				10.45
				11.00
				11.15
				11.30
				11.45
Lunch Workshops		Lunch Workshops		12.00
				12.15
				12.30
				12.45
				13.00
				13.15
Lunch break		Lunch break		13.30
				13.45
				13.50
Surgical strategy for patello-femoral instability in 2010	Free papers: Cartilage I	PT: Knee symposium part II Cartilage and Osteoarthritis		14.00
				14.10
				14.15
				14.20
				14.30
				14.45
				15.00
				15.15
Coffee break		Coffee break		15.30
				15.45
Free papers: Sport specific	Free papers: Foot and Ankle	PT Free papers: Knee		16.00
				16.15
				16.30
				16.45
Cartilage Committee: The subchondral bone in cartilage repair	Free papers: PCL and PLC			17.00
				17.15
				17.30
				17.45
				18.00
				18.15
				18.30
				18.45

Symposium
Lecture
Highlight Lecture
Awards
Break

Live Surgery
Instructional Course Lecture
Posters
Freepaper

Timetables
Wednesday
Thursday
Friday
Saturday
Posters

TIMETABLE, Thursday, June 10, 2010

Symposium | Lecture | Highlight Lecture | Awards | Break

Time	Plenary (Hotel)	Room 2 (Spektrum)	Room 3 (Spektrum)
7.30	ICL 05: Patello-femoral pain. A global approach Arthroscopy Committee	ICL 04: Return to sports – are there any evidence based guidelines?	ICL 01: The swollen knee
7.45			
8.00			
8.15			
8.30			
8.45	Shoulder and elbow surgery in China, state of the art and new advances		
8.50			
8.55			
9.00	Presidential lecture by Lars Engebretsen		
9.10	Highlight lecture by Elizabeth Arendt: Bridges Across the Ocean: Towards a Better Understanding of the Patellofemoral Joint		
9.20			
9.30			
9.35	Ejnar Eriksson Lecture by Werner Müller: Old and new - known and unknown - would you know?		
9.45			
10.00	Coffee break	Coffee break	
10.15			
10.30	Free papers: TKA I	Free papers: ACL III	Free papers: Shoulder II
10.45			
11.00	Star papers		
11.15			
11.30			
11.45			
12.00	Lunch Workshops	Lunch Workshops	
12.15			
12.30			
12.45			
13.00			
13.15			
13.30	Lunch break	Lunch break	
13.45			
13.50			
14.00	Live surgery: Hip	ESSKA AOSSM	Anatomic double-bundle ACL reconstruction technique: Results and evaluation of quantified rotatory stability
14.05			
14.15			Management of medial collateral ligament injuries in the mutli-ligament injured knee
14.20	Live surgery: Knee		
14.30			Poster Short Communication II
15.00			
15.15			
15.30	Coffee break	Coffee break	
15.45			
16.00	Free papers: Total joint II	High-tech developments: how do patients and practise profit. Navigation, CAOS, Kinematics	Sport specific: Alpine skiing - a medical challenge
16.15			
16.30			
16.45			
17.00	Knee Committee: Sports and TKA	Tissue Engineering: the progress from laboratory to patient	What is new in cartilage repair?
17.15			
17.30			
17.45			
18.00			

TIMETABLE, Thursday, June 10, 2010

Live Surgery | Instructional Course Lecture | Posters | Freepaper

Room 4 (Spektrum)	Room 5 (Spektrum)	Room 6 (Hotel)	Room 7 / Base I Holmenkollen / Oslofjord	Time
ICL 03: Patella in total knee replacement	ICL 06: Absorbable implants in sports traumatology, basic science, clinical aspects and future perspectives	ICL 02: Endoscopic Cuff Repair: an Evidence Base Review		7.30
				7.45
				8.00
				8.15
				8.30
				8.45
				8.50
				8.55
				9.00
				9.10
				9.20
				9.30
				9.35
				9.45
Coffee break		Coffee break		10.00
				10.15
Free papers: Meniscus II	Free papers: Osteotomy	PT: Shoulder symposium Latest evidence on shoulder dysfunctions		10.30
				10.45
				11.00
				11.15
				11.30
				11.45
Lunch Workshops		Lunch Workshops		12.00
				12.15
				12.30
				12.45
				13.00
				13.15
Lunch break		Lunch break		13.30
				13.45
				13.50
Maximizing performance in TKA	Basic Science Committee: Growth Factors and PRP: 2010 up to date	PT: Shoulder and muscle-tendon injury symposium		14.00
				14.05
				14.15
				14.30
		PT Free papers: Muscle-Tendon and Shoulder		14.50
				15.00
				15.15
Coffee break		Coffee break		15.30
				15.45
Free papers: Patello-femoral	Free papers: Tendon I		Room 7: ESSKA Upper Limb Committee open meeting: 2010-2012 projects	16.00
				16.15
				16.30
				16.45
Free papers: TKA II	New frontiers in arthroscopy of the ankle and hindfoot			17.00
				17.15
				17.30
				17.45
				18.00

Base 1: ESSKA Under 45 Committee open meeting: „looking for new readers“

TIMETABLE, Friday, June 11, 2010

Time	Plenary (Hotel)	Room 2 (Spektrum)	Room 3 (Spektrum)
7.15	ICL 08: Current concepts on the treatment of postero-lateral knee injuries	ICL 07: What is the evidence base in ACL surgery?	ICL 11: Surgical anatomy of the foot and ankle
7.30			
7.45			
8.00			
8.15			
8.30	Travelling Fellows Presentation		
8.45			
9.00	Highlight lecture by Roald Bahr: Can sports injuries be prevented?		
9.15			
9.30	Coffee break	Coffee break	
9.45			
10.00	EAR: Arthroplasty Registers in Knee Replacement	ULC: New concepts of shoulder surgery- a new 3-D concept. Art or science?	Hip arthroscopy
10.15			
10.30			
10.45			
11.00	ESSKA General Assembly		
11.30			
12.00			
12.15			
12.30	Lunch Workshops	Lunch Workshops	
12.45			
13.00			
13.15			
13.30	Lunch break	Lunch break	
14.00	Live surgery: Ankle Live surgery: Shoulder	Selective resurfacing and less invasive solutions in knee OA	The two year development of cartilage thickness, post traumatic bone marrow lesions and joint fluid volumes after acute ACL disruption - a longitudinal MRI study
14.05			
14.10			
14.15			Navigation in total knee replacements
14.25			
14.30			Poster Short Communication III
15.00			
15.15			
15.30	Coffee break	Coffee break	
15.45			
16.00	Free papers: Total joint III	Free papers: ACL IV	National Award Winners
16.10			
16.20			
16.30			
16.45			
17.00	Knee Committee: Flexion/extension balancing in total knee arthroplasty	ESSKA SIGASCOT SIA	
17.10			
17.20			
17.30			
17.45			
18.00			

TIMETABLE, Friday, June 11, 2010

Room 4 (Spektrum)	Room 5 (Spektrum)	Room 6 (Hotel)	Room 7 / Base I Holmenkollen / Oslofjord	Time
ICL 12: Perioperative problems in TKA	ICL 10: Wrist arthroscopy - possibilities and limitations ESSKA-EWAS	ICL 09: Athletes Shoulder ESSKA-AGA		7.15
				7.30
				7.45
				8.00
				8.15
				8.30
				8.45
				9.00
				9.15
Coffee break		Coffee break		9.30
				9.45
Free papers: Cartilage II	Free papers: Injury prevention			10.00
				10.15
				10.30
				10.45
				11.00
				11.30
				12.00
				12.15
Lunch Workshops		Lunch Workshops		12.30
				12.45
				13.00
				13.15
Lunch break		Lunch break		13.30
ESSKA EFOST: ACL decision-making in high level athletes: Planning-surgery-rehabilitation	Surgical treatment of PCL and PLC injuries: what are the indications?	ECOSEP		14.00
				14.05
				14.10
	Effect of ACL reconstruction techniques on growth factors release			14.15
				14.25
	Integration Commitee: Biologic approach to ligament and tendon healing			14.30
				15.00
				15.15
Coffee break		Coffee break		15.30
				15.45
ACL double-bundle reconstruction: a critical appraisal	Free papers: Shoulder III			16.00
				16.15
	Genetic markers in achilles tendonitis and ACL injuries			16.30
				16.40
	MPFL reconstruction: isometry or „anatomometry“?			16.45
				16.50
Back to basics: Lateral epicondylitis of the elbow. Conservative and surgical treatment	Sport Specific: Tennis injuries- Will their character change as the demands increase?			17.00
				17.15
				17.30
				17.45
				18.00

Symposium
Lecture
Highlight Lecture
Awards
Break

Live Surgery
Instructional Course Lecture
Posters
Freepaper

Timetables
Wednesday
Thursday
Friday
Saturday
Posters

TIMETABLE, Saturday, June 12, 2010

Time	Plenary (Hotel)	Room 2 (Spektrum)	Room 3 (Spektrum)
7.30	ICL 13: Current Concepts on the Treatment of Medial Knee Injuries	ICL 15: Current challenges in cartilage repair	ICL 18: Laxity measurements - correlation between laxity and knee function; clinical implications and future consideration
7.45			
8.00			
8.15			
8.30			
8.45			
8.50	Lecture by Marc Safran		
9.00	Awards presentation		
9.15	Presentation ESSKA 2012		
9.30	Special Guest Lecture by Rocky Tuan: Stem cells for cartilage repair		
9.45			
10.00	Coffee break	Coffee break	
10.15			
10.30	ACL register: What is new and how can it be used?	The painful TKA	Achilles tendon study group Achilles Tendinopathy
10.45			
10.50			
11.00			
11.10			
11.15	Osteoarthritis in the active 40 +, options and expectations		
11.20			
11.30		Degenerative meniscus tear - to operate or not	
11.40			
11.45		Comparative kinematics between the native knee and total knee arthroplasty	
11.50			
12.00	Special concerns in ACL repair in high level athletes	Management of Isolated Patello-Femoral Arthrosis	ESSKA SFA: The lateral meniscus revisited
12.10			
12.15			
12.20			
12.30			
12.40			
12.45			
12.50			
13.00	Closing Ceremony		
13.15			
13.30			
13.45			
14.00			

Symposium
Lecture
Highlight Lecture
Awards
Break

TIMETABLE, Saturday, June 12, 2010

Room 4 (Spektrum)	Room 5 (Spektrum)	Room 6 (Hotel)	Room 7 / Base I Holmenkollen / Oslofjord	Time
ICL 16: Improving accuracy in TKA	ICL 17: How to design and include patients in your clinical study	ICL 14: Rotator cuff repair		7.30
				7.45
				8.00
				8.15
				8.30
				8.45
				8.50
				9.00
				9.15
				9.30
				9.45
Coffee break		Coffee break		10.00
				10.15
ESSKA AGA: Patella		Formula 1 medicine		10.30
		Postarthroscopic Osteonecrosis: fact or fiction		10.45
				10.50
		Treatment of cartilage lesions with mesenchymal stem cells		11.00
				11.10
		Postero-lateral surgical technique		11.15
				11.20
		Bone – patellar Tendon – Bone Harvesting: Mini Invasive Technique		11.30
				11.40
		Surgical approach to anterior-inferior shoulder instability		11.45
				11.50
Hype or reality: The use of autologius platelet rich plasma growth factors in musculo-skeletal injuries		U-45 Committee: Rotator Cuff Repair and Bio-technology		12.00
				12.10
Patello-femoral imaging				12.15
				12.20
Neovascularity in tendons: a red herring?				12.30
				12.40
Is it possible to prevent osteo-arthritis after an ACL injury?				12.45
				12.50
				13.00
				13.15
				13.30
				13.45
				14.00

Live Surgery
Instructional Course Lecture
Posters
Freepaper

TIMETABLE, Wednesday, June 9, 2010

Time	Plenary (Hotel)	Room 2 (Spektrum)	Room 3 (Spektrum)
7.30			
7.45			
8.00	Opening ceremony		
8.15			
8.30	Highlight lecture by Savio Woo: Healing a Torn ACL - The Wholy Grail?		
8.45			
9.00	Highlight lecture by Jan Victor: Surgical treatment of knee arthritis: always confident, sometimes right?		
9.15			
9.30	Special Guest Lecture by John Bergfeld: Anterior Cruciate From Obscurity to Preeminence - Lessons Learned From a Rocky Road		
9.45			
10.00	Coffee break	Coffee break	
10.15			
10.30	Free papers: ACL I	Free papers: Total joint I	Free papers: Shoulder I
10.45			
11.00			
11.15			
11.30			
11.45			
12.00	Lunch Workshops	Lunch Workshops	
12.15			
12.30			
12.45			
13.00			
13.15			
13.30	Lunch break	Lunch break	
13.45			
13.50			
14.00	PCL revision surgery	ACL Revision Surgery: Clinical Approach and Evidence-based Outcomes	Step by step improvement of arthroscopic treatment of antero-inferior shoulder instability. An ULC multicentric study
14.10			
14.15		Double bundle ACL - Do we really need it?	
14.20			
14.30		Sport Specific: Soccer injuries	
14.45			
15.00			
15.15			
15.30	Coffee break	Coffee break	
15.45			
16.00	Free papers: ACL II	ESSKA SLARD: Sports Trauma - the very best in South America	Poster Short Communication I
16.15			
16.30			
16.45			
17.00	Reduction of internal rotation after ACL injury: what have we learned in the last years	Biomechanics, evaluation and management of medial collateral ligament	AC-joint instability - biomechanics and advances in surgical treatment
17.15			
17.30			
17.45			
18.00			
18.15			
18.30			
18.45			

Symposium
Lecture
Highlight Lecture
Awards
Break

TIMETABLE, Wednesday, June 9, 2010

Room 4 (Spektrum)	Room 5 (Spektrum)	Room 6 (Hotel)	Room 7 / Base I Holmenkollen / Oslofjord	Time
				7.30
				7.45
				8.00
				8.15
				8.30
				8.45
				9.00
				9.15
				9.30
				9.45
Coffee break		Coffee break		10.00
				10.15
Free papers: Meniscus I	Free papers: Pelvis Groin	PT: Knee symposium part I ACL-injury		10.30
				10.45
				11.00
				11.15
				11.30
				11.45
Lunch Workshops		Lunch Workshops		12.00
				12.15
				12.30
				12.45
				13.00
				13.15
Lunch break		Lunch break		13.30
				13.45
				13.50
Surgical strategy for patello-femoral instability in 2010	Free papers: Cartilage I	PT: Knee part II		14.00
				14.10
				14.15
				14.20
				14.30
				14.45
				15.00
				15.15
Coffee break		Coffee break		15.30
				15.45
Free papers: Sport specific	Free papers: Foot and Ankle	PT Free papers: Knee		16.00
				16.15
				16.30
				16.45
Cartilage Committee: The subchondral bone in cartilage repair	Free papers: PCL and PLC			17.00
				17.15
				17.30
				17.45
				18.00
				18.15
				18.30
				18.45

Live Surgery
Instructional Course Lecture
Posters
Freepaper

PLENARY (HOTEL)

08:00 - 08:30	**Opening ceremony** *Chair: Engebretsen L. (Norway), Menetrey J. (Switzerland), Karlsson J. (Sweden)*
08:30 - 09:00	**Highlight lecture** *Chair: Engebretsen L. (Norway)*
	Healing a Torn ACL: The Holy Grail
HL10-2245	***Woo S. (United States)***
09:00 - 09:30	**Highlight lecture** *Chair: Djian P. (France)*
	Surgical treatment of knee arthritis: always confident, sometimes right?
HL12-2186	***Victor J. (Belgium)***
09:30 - 10:00	**Special Guest Lecture** *Chair: Karlsson J. (Sweden)*
	Anterior Cruciate From Obscurity to Pre-eminence - Lessons Learned From a Rocky Road
L36-2016	*Bergfeld J. (United States)*
10:00 - 10:30	**Coffee break**
10:30 - 12:00	**Free papers: ACL I** *Chair: Cerulli G. (Italy), Tetik O. (Turkey)*
10:30 - 10:35	Incidence and outcome in Denmark after revision ACL reconstruction. Results from the Danish registry for knee ligament reconstructions
FP10-769	*Lind M. (Denmark), Mehnert F., Pedersen Alma*
10:35 - 10:40	Single bundle vs. double bundle ACL reconstruction in a complex knee injury model
FP10-1106	*Musahl V. (United States), Bedi A., Citak M., O'Loughlin P., Pearle A.*
10:40 - 10:45	Tendon graft incorporation for anterior cruciate ligament reconstruction in GFP transgenic animals
FP10-1022	*Bachy Manon (France), Zadegan F., Sherifi Ines, David B., Calando Yolande, Hoc T., Petite H., Hannouche D.*

SCIENTIFIC PROGRAMME
Wednesday, June 9
PLENARY (HOTEL)

10:45 - 10:50	Fractionation of high-dose electron beam irradiation of BPTB grafts provides significantly improved viscoelastic and structural properties compared to standard gamma irradiation
FP10-856	*Scheffler S. (Germany), Salahedeen K., Hoburg A., Smith M., Pruss A.*
10:50 - 11:00	**Discussion**
11:00 - 11:05	Can we detect partial ruptures of the anterior cruciate ligament with the GNRB® arthrometer?
FP10-701	*Robert H. (France), Nouveau S., Gageot S., Gagnière B.*
11:05 - 11:10	Biomechanical evaluation of anatomic double-bundle anterior cruciate ligament reconstruction using the anatomic ACL guide system: comparisons among 3 different procedures
FP10-752	*Kondo E. (Japan), Merican A., Yasuda K., Amis A.*
11:10 - 11:15	Bone tunnel enlargement following anterior cruciate ligament reconstruction with hamstring tendons: a comparison of single-bundle and anatomic double-bundle reconstruction techniques
FP10-198	*Kawaguchi Y. (Japan), Kitamura N., Kondo E., Kai S., Inoue M., Tohyama H., Yasuda K.*
11:15 - 11:20	The influence of tibial rotation on tunnel position measurements using fluoroscopy in ACL reconstruction
FP10-189	*Haasper C. (Germany), Kopf S., Lorenz S., Irrgang J., Tashman S., Fu F.*
11:20 - 11:30	**Discussion**
11:30 - 11:35	Objectification of anterior knee instability, taking into account the rotational laxity
FP10-127	*Mayr H. (Germany), Stoehr Amelie, Hoell Anna, Bernstein Anke*
11:35 - 11:40	Clinical validation and preliminary results of a new tool used to quantify Pivot-shift test
FP10-203	*Zaffagnini S. (Italy), Signorelli Cecilia, Lopomo N., Bignozzi S., Giordano G., Marcheggiani Muccioli G., Marcacci M.*
11:40 - 11:45	The role of degeneration in ruptures of the human anterior cruciate ligament - a light microscopy evaluation
FP10-858	*Herbort M. (Germany), Zeinab Jardii, Zantop T., Lenschow S., Petersen W.*
11:45 - 11:50	Analysis of the remodelling process of hamstring autografts over 10 years after anterior cruciate ligament reconstruction
FP10-326	*Janssen R. (Netherlands), van der Wijk J., Fiedler Anja, Schmidt Tanja, Scheffler S.*
11:50 - 12:00	**Discussion**

12:00 - 14:00 Lunch break / Lunch Workshops

14:00 - 15:30 PCL revision surgery
Chair: Petersen W. (Germany), Weiler A. (Germany)

14:00 - 14:15 Causes for failure after PCL reconstruction
SY10-2358 *Margheritini F. (Italy)*

14:15 - 14:30 Associated ligamentous instabilities
SY10-2359 *Petersen W. (Germany)*

14:30 - 14:45 Graft choice and tunnel management
SY10-2360 *Weiler A. (Germany)*

14:45 - 15:00 Role of osteotomies in PCL revision surgery
SY10-2361 *van Heerwaarden R. (Netherlands)*

15:00 - 15:15 Clinical results after PCL revision surgery
SY10-2362 *Weiler A. (Germany)*

15:15 - 15:30 Discussion

15:30 - 16:00 Coffee break

16:00 - 17:00 Free papers: ACL II
Chair: Potel J. (France), Petersen W. (Germany)

16:00 - 16:05 Risk of trans-tibial drilling techniques in anatomical double bundle ACL reconstruction
FP15-155 *Nozaki M. (Japan), Kobayashi M., Goto H., Otani M., Tawada K., Nagaya Y., Iguchi H., Watanabe N., Otsuka T.*

16:05 - 16:10 Biomechanical characterization of double bundle femoral press fit fixation techniques
FP15-229 *Ettinger M. (Germany), Haasper C., Hankemeier S., Breitmeier D., Krettek C., Hurschler C., Jagodzinski M.*

16:10 - 16:15 Relationship between intraoperative stability and postoperative clinical result: lower femoral tunnel placed single-bundle versus double-bundle ACL reconstruction
FP15-278 *Ohkawa S. (Japan), Adachi N., Deie M., Kanaya A., Nishimori M., Nakamae A., Nakasa T., Ochi M.*

Looking forward to meeting you at Booth 37

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[1] Mahfouz M, Booth R Jr, Argenson, J, Merkl, BC, Abdel Fatah EE, Kuhn MJ. Analysis of variation of adult femora using sex specific statistical atlases. Presented at: Computer Methods in Biomechanics and Biomedical Engineering Conference; 2006.

[2] "Safe" means that these components maintain sufficient contact area in high flexion to keep contact stress values well below the yield strength of polyethylene (data on file at Zimmer).

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16:00 - 17:00	**Free papers: ACL II** ***- continued***
16:15 - 16:20	Computer navigated ACL reconstruction: is it truly beneficial? A clinical & radiological outcome study
FP15-1309	*Lie D. (Singapore)*
16:20 - 16:30	**Discussion**
16:30 - 16:35	Double-bundle versus single-bundle anterior cruciate ligament reconstruction: prospective, randomized clinical and magnetic resonance imaging study with 2-year follow-up
FP15-224	*Järvelä T. (Finland), Suomalainen Piia, Moisala Anna-Stina, Paakkala A.*
16:35 - 16:40	The impact of anteromedial and posterolateral bundle graft fixation angles in double-bundle anterior cruciate ligament reconstructions
FP15-705	*Anderson C. (United States), Westerhaus B., Pietrini S., Ziegler C., Wijdicks C., Johansen S., Engebretsen L., LaPrade R.*
16:40 - 16:45	Magnetic resonance imaging evaluation of anterior cruciate ligament reconstruction with quadruple hamstring tendon autografts: comparison of remnant bundle preservation and standard technique
FP15-581	*Lee S. (South Korea (ROK)), Ahn J.*
16:45 - 16:50	The effect of acute injury mechanism on the course of ACL-injury
FP15-1067	*Kostogiannis I. (Sweden), Neuman P., Fridén T., Roos H., Englund M.*
16:50 - 17:00	**Discussion**
17:00 - 18:00	**Reduction of internal rotation after ACL injury: what have we learned in the last years** *Chair: Georgoulis A. (Greece), Maestro A. (Spain)*
17:00 - 17:12	Is rotation important and how can we measure?
SY28-2241	*Fu F. (United States)*
17:12 - 17:24	Intraoperative evaluation of anterior-posterior and rotational laxity in ACL-injured patients
SY28-2242	*Ochi M. (Japan)*
17:24 - 17:36	Can the anatomic SB ACL-Reconstruction improve the pathological internal rotation?
SY28-2244	*Georgoulis A. (Greece)*
17:36 - 17:48	Instrumental measure of AP translation and internal rotation with CT scan and MRI in ACL injuries - experience with Porto Knee Testing Device
SY28-2243	*Espregueira-Mendes J. (Portugal)*
17:48 - 18:00	**Discussion**

ROOM 2 (SPEKTRUM)

10:30 - 12:00	**Free papers: Total joint I** *Chair: Montserrat F. (Spain), Benedetto K. (Austria)*
10:30 - 10:35	The "forgotten joint score": validation of a new patient-reported outcome measure
FP12-285	*Behrend H. (Switzerland), Giesinger K., Giesinger J., Kuster M.*
10:35 - 10:40	Patients undergoing lateral unicondylar knee arthroplasty: can we guarantee success and return to sport?
FP12-59	*Plancher K. (United States), Bishai S., Ibrahim T.*
10:40 - 10:45	Patient-reported outcome is improved with navigated TKA at one year follow-up
FP12-1342	*Lehnen Katja (Switzerland), Giesinger K., Warschkow R., Koch Eva, Kuster M.*
10:45 - 10:50	Which variables determine the outcome of revision total knee arthroplasty
FP12-48	*Hardeman F. (Belgium), Bellemans J., Victor J., Victor J.*
10:50 - 11:00	**Discussion**
11:00 - 11:05	Anterior tibial cortex is the best landmark for tibial component rotation in TKA
FP12-1466	*Baldini A. (Italy), Cerulli Mariani P., De Luca L., Nannini Simonetta, Manfredini L.*
11:05 - 11:10	The role of hydroxyapatite in the post-operative outcome after cementless total knee arthroplasty
FP12-252	*Cusick L. (United Kingdom), Monk J., Boldt J., Beverland D.*
11:10 - 11:15	Total or partial knee replacement: the variation in treatment choice for late stage osteoarthritis
FP12-1357	*Beard D. (United Kingdom), Holt M., Mullins M., Malek S., Massa E., Price A.*
11:15 - 11:20	The effect of bone lavage on cement penetration and interface temperature under the femoral component of the Oxford unicompartmental knee arthroplasty
FP12-90	*Clarius M. (Germany), Mohr G., Jäger S., Seeger J., Schuld C., Bitsch R.*
11:20 - 11:30	**Discussion**
11:30 - 11:35	Comparison of outcomes after standard and high-flexion posterior stabilized rotating-platform mobile-bearing TKA
FP12-1212	*Jang J. (South Korea (ROK)), Lee M., Choi W., Lee S., Seong S.,*

10:30 - 12:00	**Free papers: Total joint I** ***- continued***
11:35 - 11:40 *FP12-1387*	Bone strain and pain; a mechanical analysis and clinical interpretation *Simpson D. (United Kingdom), Monk A., Gulati A., Kendrick B., Gill H., Dodd C., Price A., Murray D.*
11:40 - 11:45 *FP12-118*	Does prior bone or soft tissue knee surgery influence the outcomes of total knee arthroplasty? *Piedade S. (Brazil), Pinaroli A., Servien Elvire, Neyret P.*
11:45 - 11:50 *FP12-190*	Two stage revision for sepsis after TKR using the original prosthesis as a temporary insert *Erasmus P. (South Africa)*
11:50 - 12:00	**Discussion**
12:00 - 14:00	**Lunch break and lunch workshops (see page 178/179)**
14:00 - 14:15	**Lecture** *Chair: Mayr H. (G ermany)*
L14-2007	ACL Revision Surgery: Clinical Approach and Evidence-based Outcomes *Lubowitz J. (United States)*
14:15 - 14:30	**Lecture** *Chair: Zantop T. (Germany)*
L28-2045	Custom-made ACL reconstruction? *Muellner T. (Austria)*
14:30 - 15:30	**Sport Specific: Soccer injuries** *Chair: Ekstrand J. (Sweden), Andersen T. (Norway)*
14:30 - 14:35 *SY18-2095*	Introduction *Ekstrand J. (Sweden)*
14:35 - 14:45 *SY18-2015*	Ankle injuries *Andersen T. (Norway)*

SCIENTIFIC PROGRAMME
Wednesday, June 9
ROOM 2 (SPEKTRUM)

14:45 - 14:55 *SY18-2004*	ACL injuries *Walden M. (Sweden)*
14:55 - 15:05 *SY18-2201*	Muscle injuries *Ekstrand J. (Sweden)*
15:05 - 15:15 *SY18-2155*	Risk factors and Prevention *Hägglund M. (Sweden)*
15:15 - 15:30	**Discussion**
15:30 - 16:00	**Coffee break – visit industrial exhibition**
16:00 - 17:00	**ESSKA SLARD:** **Sports Trauma - the very best in South America** *Chair: Espregueira-Mendes J. (Portugal), Gutierrez M. (Colombia), Cohen M. (Brazil)*
16:00 - 16:08 *SY16-2177*	Simultaneous reconstruction of the ACL and MPFL *Ernlund L. (Brazil)*
16:08 - 16:16 *SY16-2039*	Concepts in meniscal transplants *Monllau J. (Spain)*
16:16 - 16:24 *SY16-2182*	Supraescapular nerve: How, when and why? *Calvo Diaz A. (Spain)*
16:24 - 16:32 *SY16-2020*	Arthroscopic Rotator Cuff repairs in big defects *Arce G. (Argentina)*
16:32 - 16:40 *SY16-2175*	Shoulder instability with bone defects: current concepts and Arthroscopic repair *Gutierrez V. (Chile)*
16:40 - 17:00	**Discussion**

17:00 - 18:00	**Biomechanics, evaluation and management of medial collateral ligament** *Chair: Doral M. (Turkey), Canata G. (Italy)*
17:00 - 17:01 *SY13-2092*	Introduction *Doral M. (Turkey)*
17:01 - 17:09 *SY13-2035*	Clinically relevant anatomy of the medial knee *LaPrade R. (United States)*
17:09 - 17:17 *SY13-2106*	Key points in anteromedial side surgery *Canata G. (Italy)*
17:17 - 17:25 *SY13-2046*	Decision making in the treatment of MCL tears - conservative vs. surgery *Kelberine F. (France)*
17:25 - 17:31 *SY13-2032*	Clinical evaluation with ACL injury and different surgical techniques *Doral M. (Turkey)*
17:31 - 17:37 *SY13-2167*	Return to sports *Handl M. (Czech Republic)*
17:37 - 17:45 *SY13-2214*	Updates on the diagnosis and clinically relevant biomechanics of medial knee injuries *Griffith C. (United States)*
17:45 - 17:50 *SY13-2188*	Take home message *LaPrade R. (United States)*
17:50 - 18:00	**Discussion**

ROOM 3 (SPEKTRUM)

10:30 - 12:00	**Free papers: Shoulder I** *Chair: Gleyze P. (France), Poberaj B. (Slovenia)*
10:30 - 10:35 *FP11-873*	Autologous platelet rich plasma (PRP) in arthroscopic rotator cuff repair *Randelli P. (Italy), Arrigoni P., Cabitza P.*
10:35 - 10:40 *FP11-620*	Apoptosis in full – thickness tears of the supraspinatus tendon *Lundgreen Kirsten (Norway), Scott A., Bjerkestrand Lian Ø., Engebretsen L.*
10:40 - 10:45 *FP11-353*	Efffects of elevation angle and plane of motion on the subacromial space and internal impingement risk *Braman J. (United States), Hybben Nicole, Pham T., Nystrom Caroline, Peterson B., Camargo F., Phadke Vendana, LaPrade R., Ludewig Paula*
10:45 - 10:50 *FP11-1451*	The usefulness of multidetector CT arthrography in the diagnosis of shoulder pathology - comparison with MR arthrography and operative findings in the same patients *Park K. (South Korea (ROK)), Kim Y., Kim D., Choi E., Shon H., Cho B., Kim S., Lee H.*
10:50 - 11:00	**Discussion**
11:00 - 11:05 *FP11-287*	Comparison of findings on magnetic resonance imaging from symptomatic and asymptomatic full-thickness rotator cuff tears *Moosmayer S. (Norway), Tariq R., Stiris M., Smith H.*
11:05 - 11:10 *FP11-347*	Joint space narrowing on standard shoulder X-rays is independent from the development of osteoarthritis *Kircher J. (Germany), Kuerner Konstanze, Morhard M., Magosch Petra, Krauspe R., Habermeyer P.*
11:10 - 11:15 *FP11-997*	Arthroscopic resection of the distal clavicle for AC joint osteoarthritis – clinical outcome with respect to width of joint space *Kusma M. (Germany), Weber Karolin, Kohn D., Steimer O.*
11:15 - 11:20 *FP11-736*	A cost analysis of single row versus double row and suture bridge rotator cuff repair methods *Bisson L. (United States), Zivaljevic N., Sanders S.*
11:20 - 11:30	**Discussion**

10:30 - 12:00	**Free papers: Shoulder I** ***- continued***
11:30 - 11:35	Ultrasound guided percutaneous tenotomy of the long head of biceps brachii: results of a cadaveric study
FP11-1046	*Sanghavi S. (United Kingdom), Gaudin P., Brasseur J., Hardy P.*
11:35 - 11:40	Analysis of evidence-based medicine for shoulder instability (rating scales)
FP11-60	*Plancher K. (United States), Lipnick Sheryl*
11:40 - 11:45	Subscapularis muscle function following arthroscopic reconstruction of isolated subscapularis tendon tears
FP11-735	*Bartl C. (Germany), Salzmann G., Seppel G., Eichhorn S., Holzapfel K., Wörtler K., Imhoff A.*
11:45 - 11:50	Prognostic factors affecting functional outcome after arthroscopic rotator cuff repair
FP11-1355	*Tzanakakis N. (Greece), Mataragas E., Mouzopoulos G., Vassos C., Antonogiannakis E.*
11:50 - 12:00	**Discussion**
12:00 - 14:00	**Lunch break and lunch workshops (see page 178/179)**
14:00 - 15:30	**Step by step improvement of arthroscopic treatment of antero-inferior shoulder instability. An ULC multicentric study** Upper Limb Committee in collaboration with Annecy Live Surgery *Chair: Cartucho Pereira A. (Portugal), Ludvigsen T. (Norway)*
14:00 - 14:12	Postero inferior plication
SY11-2352	*Cartucho Pereira A. (Portugal)*
14:12 - 14:24	Remplissage technique
SY11-2353	*Calvo Diaz A. (Spain), Poberaj B.*
14:24 - 14:36	Bony Bankart reconstruction
SY11-2354	*Sugaya H. (Japan)*
14:36 - 14:48	Bone block reconstruction
SY11-2355	*Taverna E. (Italy)*
14:48 - 15:00	Arthroscopic Latarjet
SY11-2356	*Lafosse L. (France)*

15:00 - 15:15	Results presentation
SY11-2357	*Gleyze P. (France), Cartucho Pereira A. (Portugal), Ludvigsen T. (Norway)*
15:15 - 15:30	**Discussion**
15:30 - 16:00	**Coffee break – visit industrial exhibition**
16:00 - 17:00	**Poster Short Communication I** *Chair: Scheffler S. (Germany), Becker R. (Germany)*
16:00 - 16:02	Radiographic assessment of the femoral tunnel entrance area prior to anterior cruciate ligament revision surgery
SCP10-378	*Tscholl P. (Switzerland), Biedert R.*
16:02 - 16:04	Two to 15-year clinical results of anatomic reconstruction of the superficial layer of the medial collateral ligament using the semitendinosus tendon-hybrid graft
SCP10-166	*Ogawa M. (Japan), Kitamura N., Kondo E., Kitayama S., Inagaki Y., Tohyama H., Tanaka Y., Yasuda K.*
16:04 - 16:06	Observations on measuring rotational laxity of the knee using a simple clinical device
SCP10-415	*Alam M. (United Kingdom), Bull A., Thomas R., Amis A.*
16:06 - 16:08	Arthroscopical and radiological evaluations on intra-articular outlet location of tibial tunnels created with anatomic double-bundle anterior cruciate ligament reconstruction
SCP10-503	*Kai S. (Japan), Kondo E., Tohyama H., Kitamura N., Kawaguchi Y., Yasuda K., Mizutani K.*
16:08 - 16:10	**Discussion**
16:10 - 16:12	Outcomes and risks of operative treatment of ruptures of the anterior cruciate ligament in children and adolescents. A systematic review and meta-analysis
SCP10-566	*Frosch K. (Germany), Stengel D., Holsten D., Jung C., Voigt Christine, Niemeyer P., Maier M., Hertel P., Jagodzinski M., Lill H.*
16:12 - 16:14	The effect of autologous platelet factors on femoral tunnel widening after acl-reconstruction with hamstrings: a pilot study with MRI in 20 patients
SCP10-645	*Mastrokalos D. (Greece), Staratzis K., Koulalis D., Lendi Anna*
16:14 - 16:16	Biomechanics of anatomic femoral tunnel versus over-the-top fixation in ACL reconstruction
SCP10-1019	*Lertwanich P. (United States), Kato Y., Maeyama A., Martins C., Ingham Sheila, Kramer S., Linde-Rosen Monica, Smolinski P., Fu F.*

16:00 - 17:00 Poster Short Communication I ***- continued***

16:16 - 16:18 Nonoperative treatment of partial anterior cruciate ligament tears
SCP10-1023 *Spindler K. (United States), Shepard Michelle, DeAngelis J., Dunn W.*

16:18 - 16:20 Discussion

16:20 - 16:22 Reconstructed CT scan evaluation of femoral and tibial tunnels location in ACL double bundle reconstruction. A retrospective series of 79 cases
SCP10-1038 *Barth J., Barthélémy R., Panisset J. (France), Graveleau N., Chambat P., Sonnery-Cottet B.*

16:22 - 16:24 Tunnel widening in relation with graft position after ACL reconstruction
SCP10-1082 *van Dijck R. (Netherlands), Saris D., Willems W., Enneking T., van Ommeren J., Fievez A.*

16:24 - 16:26 Hamstring vs PTB time zero: quality control and CAOS stress radiography in anterior cruciate ligament reconstruction
SCP10-1196 *Klos B. (Netherlands)*

16:26 - 16:28 Single or anatomic double bundle ACL reconstruction- results of a prospective matched pair analysis
SCP10-526 *Zantop T. (Germany), Zantop T. (Germany), Herbort M., Sappok Natascha, Raschke M., Petersen W.*

16:28 - 16:30 Discussion

16:30 - 16:32 Evidence for gender related differences in ACL injury during plant and cut maneuvers?
SCP10-265 *Benjaminse Anne (Netherlands), Gokeler A., Fleisig G., Otten B.*

16:32 - 16:34 Tibial tunnel widening after hamstring tendon anterior cruciate ligament reconstruction. Clinical and MRI study at 4 years follow-up
SCP10-781 *Ambroži B. (Slovenia)*

16:34 - 16:36 Pre-operative laxity: does it influence the final knee stability in ACL reconstruction?
SCP10-896 *Zaffagnini S. (Italy), Colombet P., Lopomo N., Bignozzi S., Harish C., Marcacci M.*

16:36 - 16:38 Partial lesion of the anterior cruciate ligament: isolated rupture of the anteromedial or posterolateral bundle. A rare lesion?
SCP10-1264 *Lefevre N. (France), Lanternier H., De Polignac T., Robert H., Cassard X., Collette M., Herman S.*

SCIENTIFIC PROGRAMME
Wednesday, June 9
ROOM 3 (SPEKTRUM)

16:38 - 16:40 Discussion

16:40 - 16:42 Effect of pull-out sutures for radial tears of posterior horn of medial meniscus: a biomechanical study using porcine knees
SCP10-30 *Nha K. (South Korea (ROK)), Li G., Choi J., Han S.*

16:42 - 16:44 Biomechanical and histological characterization of human, animal and artificial meniscus samples
SCP10-950 *Sandmann G. (Germany), Grande E., Adamczyk C., Buettner A., Doebele S., Imhoff A., Burgkart R., Tischer T.*

16:44 - 16:46 Lateral collagen meniscus implant (LCMI): prospective European multicenter study with 2 year minimum follow-up
SCP10-601 *Zaffagnini S. (Italy), Marcacci M., Marcheggiani Muccioli G., Bulgheroni P., Berbig R., Crespo R., Holsten D., Lagae K., Monllau J., Giordano G., Bruni D.*

16:46 - 16:48 Meniscal root suturing techniques: implication for root repair and transplantation
SCP10-1274 *Kopf S. (United States), Muriuki M., Colvin Alexis, Zhang X., Harner C.*

16:48 - 16:50 Discussion

16:48 - 16:52 Arthroscopic partial meniscectomy for degenerative meniscus tear: results of 1-year prospective follow-up
SCP10-249 *Sihvonen R. (Finland), Järvelä T., Järvinen T.*

16:52 - 16:54 Root tear of the meniscus - biomechanical evaluation of an arthroscopic refixation technique
SCP10-855 *Rosslenbroich S. (Germany), Zantop T., Siam S., Herbort M., Petersen W.*

16:54 - 16:56 Slope, patellar height and tibial torsion in valgus HTO - results of a prospective study
SCP10-1315 *Beitzel K. (Germany), Kirchhoff C., Paul J., Sauerschnig M., Imhoff A., Hinterwimmer S.*

16:56 - 16:58 Superior axial stability of a new biplane osteotomy technique for supracondylar femur osteotomies (SCO) fixed with an angular stable plate
SCP10-1068 *van Heerwaarden R. (Netherlands), Brinkman J., Hurschler C.*

16:58 - 17:00 Discussion

17:00 - 18:00	**AC-joint instability - biomechanics and advances in surgical treatment** *Chair: Bak K. (Denmark), Arce G. (Argentina)*
17:00 - 17:07	Acute AC-joint dislocation - a critical review of the Tossy and the Rockwood classification
SY17-2251	*Mirzayan R. (United States)*
17:07 - 17:17	Biomechanical properties of the AC- and CC-ligaments. Can you restore the biomechanics in the unstable AC-joint?
SY17-2252	*Mazzocca A. (United States)*
17:17 - 17:24	Decision making in acute and chronic AC-joint instability
SY17-2253	*Lintner D. (United States)*
17:24 - 17:34	Moving forward, from Anatomy to Surgical Reconstruction
SY17-2254	*Arce G. (Argentina)*
17:34 - 17:44	Chronic AC joint instability. Evolution of arthroscopic treatment.
SY17-2255	*Gutierrez M. (Colombia)*
17:44 - 17:50	ISAKOS Muliticenter study on surgical treatment of AC-joint instability
SY17-2256	*Bak K. (Denmark)*
17:50 - 18:00	**Discussion**

ROOM 4 (SPEKTRUM)

10:30 - 12:00	**Free papers: Meniscus I** *Chair: Fink C. (Austria), Verdonk R. (Belgium)*
10:30 - 10:35	Is the presence of a dummy leg essential in the SIMENDO arthroscopy trainer?
FP13-564	*Tuijthof Gabrielle (Netherlands), Sierevelt Inger, van Dijk C., Kerkhoffs G.*
10:35 - 10:40	Analysis of prevalence and risk-related factors for symptomatic pulmonary embolism after 434592 outpatient arthroscopic procedures of the knee
FP13-555	*Lyman S. (United States), Hetsroni I., Do Huong, Mann G., Marx R.*
10:40 - 10:45	Function and return to activity outcomes six years after partial meniscectomy vs. collagen meniscus implants assessed with Lysholm scores and Tegner index
FP13-241	*Rodkey W. (United States), Briggs Karen, Steadman J.*
10:45 - 10:50	The addition of mesenchimal stem cells in a meniscal lesion in the avascular zone causes variations in growth factor expresion during the first three weeks. An experimental study in rabbits
FP13-536	*Diaz-Heredia J. (Spain), Comellas Nerea, Ruiz-Iban M., Botas J., Moros S., Gonzalez-Lizán F., Del Cura Varas Masia Soledad*
10:50 - 11:00	**Discussion**
11:00 - 11:05	Tissue regeneration following implantation of an avascular meniscus scaffold: diagnostic imaging and histological findings
FP13-1336	*Verdonk P. (Belgium), Huysse W., Forsyth R., Verdonk R.*
11:05 - 11:10	Allograft meniscal transplantation: survival of 172 cases with at least 5 years follow-up
FP13-1268	*Willaert P. (Belgium), El Attar M., Goubau Y., Verdonk P., Almqvist K., Verdonk R.*
11:10 - 11:15	Meniscal allograft trasnplantation with arthroscopically assisted technique without bone plug: two years follow-up results and technical consideration
FP13-1285	*Zorzi C. (Italy), Condello V., Madonna V., Cortese F., Collarile M.*
11:15 - 11:20	Loss of osseous homeostasis is present in radiographically normal knees with documented medial meniscus tears
FP13-1104	*Dye S. (United States), Chew Mailine*
11:20 - 11:30	**Discussion**

10:30 - 12:00 Free papers: Meniscus I ***- continued***

11:30 - 11:35 Results of non operative management of meniscal tears during anterior cruciate ligament reconstruction. A review of clinical studies
FP13-4 *Pujol N. (France), Boisrenoult P., Beaufils P.*

11:35 - 11:40 Long terms results after arthroscopic lateral meniscectomy on stable knee: about 89 cases with a minimum follow-up of 23 years
FP13-1141 *Hulet C. (France), Seil R., Menetrey J., Galaud B., Vargas R., Beaufils P., Hardy P., Djian P., Servien Elvire, Javois C.*

11:40 - 11:45 Posterior radial root tears of the medial meniscus: clinical aspects and mid-term results
FP13-909 *Taskiran E. (Turkey), Kara A., Argin M., Sahin Hatice*

11:45 - 11:50 Meniscal tissue expresion of five different growth factors (IGF, IL-1β; TGF-β, PDGF-β and VEGF) in the first three weeks after a meniscal lesion in the avascular zone. An experimental study in rabbits
FP13-534 *Ruiz-Iban M. (Spain), Botas J., Diaz-Heredia J., Comellas Nerea, Moros S., Gonzalez-Lizán F., Del Cura Varas Masia Soledad*

11:50 - 12:00 Discussion

12:00 - 14:00 Lunch break and lunch workshops (see page 178/179)

14:00 - 15:30 Surgical strategy for patello-femoral instability in 2010
Chair: Zaffagnini S. (Italy), Dejour D. (France)

14:00 - 14:10 Lateral release
SY12-2110 *Verdonk P. (Belgium)*

14:10 - 14:20 MPFL
SY12-2121 *Arendt Elizabeth (United States)*

14:20 - 14:30 MPTL
SY12-2123 *Marcacci M. (Italy)*

14:30 - 14:40 Distal and medial realignment
SY12-2052 *Servien Elvire (France)*

14:40 - 14:50 Open trochleoplasty
SY12-2132 *Dejour D. (France)*

14:50 - 15:00 Arthroscopic trochleoplasty
SY12-2022 *Blond L. (Denmark)*

SCIENTIFIC PROGRAMME
Wednesday, June 9
ROOM 4 (SPEKTRUM)

15:00 - 15:10 Indications for surgical treatment
SY12-2086 *Siebold R. (Germany)*

15:10 - 15:30 Discussion

15:30 - 16:00 Coffee break – visit industrial exhibition

16:00 - 17:00 Free papers: Sport specific
Chair: Forssblad M. (Sweden), Lundgreen Kirsten (Norway)

16:00 - 16:05 Skiing and boarding injuries on Norwegian slopes during two winter seasons
FP17-965 *Ekeland A. (Norway), Rødven A.*

16:05 - 16:10 Injuries among male and female World Cup alpine skiers – data from the FIS Injury Surveillance System
FP17-907 *Flørenes Tonje (Norway), Bere Tone, Nordsletten L., Heir S., Bahr R.*

16:10 - 16:15 What is more dangerous - ski, snowboard or football?
FP17-1049 *Flørenes Tonje (Norway), Bjørneboe J., Andersen T., Heir S., Bahr R.*

16:15 - 16:20 Text messaging as a new method for injury registration in sports – a metho-dological study in elite female football
FP17-1492 *Nilstad Agnethe (Norway), Bahr R., Andersen T.*

16:20 - 16:30 Discussion

16:30 - 16:35 Overuse injuries in elite road cyclists
FP17-1420 *Clarsen B. (Norway), Bahr R., Krosshaug T.*

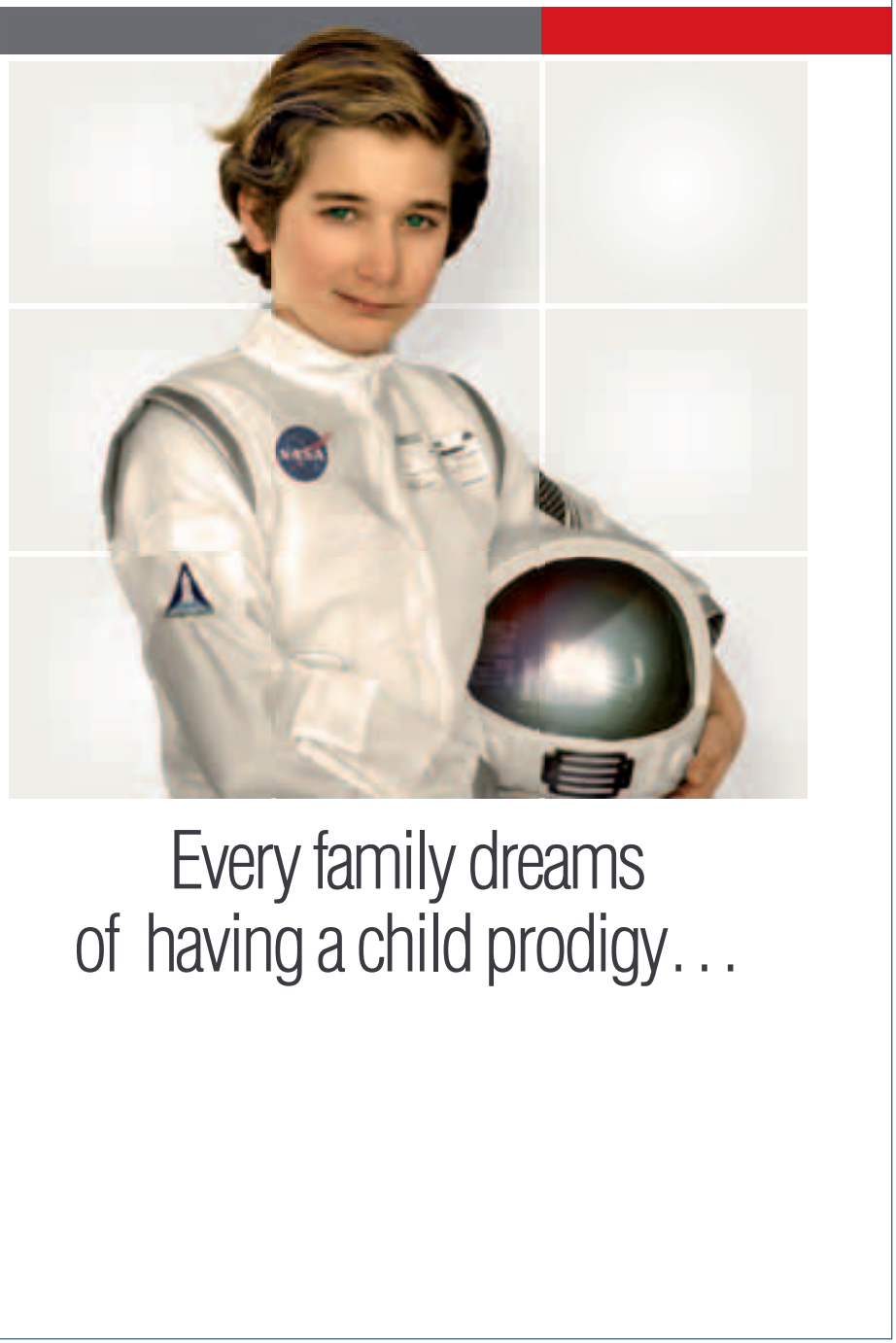
16:35 - 16:40 Elite junior javelin-throwers present early humeral cyst formation at the insertion site of posterior rotator cuff - a 3T-MRI correlation
FP17-432 *Timpert Kirsten (Germany), Brucker P., Zandt Julia, Glaser C., Imhoff A., Reiser M., Beitzel K.*

16:40 - 16:45 Prevalence of low back pain in elite female football players
FP17-1493 *Nilstad Agnethe (Norway), Myklebust Grethe, Bahr R., Andersen T.*

16:45 - 16:50 Injury mechanisms for anterior cruciate ligament tear in Badminton
FP17-1225 *Kimura Yuka (Japan), Ishibashi Y., Tsuda E., Yamamoto Y., Maeda S., Toh S.*

16:50 - 17:00 Discussion

17:00 - 18:00	**Cartilage Committee: The subchondral bone in cartilage repair** *Chair: Madry H. (Germany), Knutsen G. (Norway)*
17:00 - 17:12 *SY15-2285*	Basic science of the subchondral bone *Madry H. (Germany)*
17:12 - 17:24 *SY15-2286*	Pathological regulation of the subchondral bone *Richardson J. (United Kingdom)*
17:24 - 17:36 *SY15-2287*	The ankle joint - a model for the subchondral bone in articular cartilage repair *van Dijk C. (Netherlands)*
17:36 - 17:48 *SY15-2288*	Clinical aspects of subchondral bone repair *Mainard D. (France)*
17:48 - 18:00	**Discussion**



ROOM 5 (SPEKTRUM)

10:30 - 12:00	**Free papers: Pelvis Groin** *Chair: Ludvigsen T. (Norway), Dienst M. (Germany)*
10:30 - 10:35	Signs of femoroacetabular impingement after slipped femoral capital epiphiseolysis
FP28-1161	*Strazar K. (Slovenia), Drobnic M., Ciglic M., Zupanc O.*
10:35 - 10:40	Nerve injury after hip arthroscopy
FP28-583	*Dippmann C. (Denmark), Kraemer O., Winge S.*
10:40 - 10:45	Learning curve in hip arthroscopy
FP28-1178	*Bellotti V. (Spain), Vilchez F., Erquicia J., Correa E., Ribas M., Tey M.*
10:45 - 10:50	Midterm results in 117 consecutive cases of femoroacetabular impingement treated with the Ribas mini open procedure
FP28-368	*Ribas M. (Spain), Bellotti V., Ledesma R., Cardenas C., Caceres E.*
10:50 - 11:00	**Discussion**
11:00 - 11:05	Arthroscopic treatment of femoroacetabular impingement in athletes
FP28-1439	*Schilders E. (United Kingdom), Dimitrakopoulou A., Bismil Q., Talbot C.*
11:05 - 11:10	Biomechanical evaluation of the acetabular labrum to the hip stability
FP28-1021	*Plakseychuk A. (United States), Lertwanich P., Kramer S., Maeyama A., Fu F., Smolinski P.,*
11:10 - 11:15	Examining a cohort of patients diagnosed with sacroiliac arthrosis for radiographic evidence of femoral acetabular impingement
FP28-1112	*Morgan P. (United States), Anderson A., Swiontkowski M.*
11:15 - 11:20	Treatment of labral tears associated with femoro acetabular impingement; labral repairs versus labral resection
FP28-1443	*Schilders E. (United Kingdom), Dimitrakopoulou A., Bismil Q., Talbot C.*
11:20 - 11:30	**Discussion**
11:30 - 11:35	Correlation of the impingement test with arthroscopic findings at the acetabular rim in non-dysplastic hips
FP28-1435	*Khanduja V. (United Kingdom), Villar R.*

10:30 - 12:00	**Free papers: Pelvis Groin** ***- continued***
11:35 - 11:40	Hip arthroscopy in the patient 50 years and older
FP28-1044	*Philippon M. (United States), Briggs Karen, Souza B.*
11:40 - 11:45	Relationship between femoral offset and hip labral and chondral injury in painful non arthritic hip
FP28-430	*Bonin N. (France), Tanji P., Cohn J., Moyere F., Ferret J., Dejour D.*
11:45 - 11:50	Professional dancers' hip: correlation of clinical and MRI findings
FP28-1495	*Duthon Victoria B. (Switzerland), Menetrey J., Kolo F., Charbonnier C., Duc S., Pfirrmann C., Magnenat-Thalmann N., Hoffmeyer P.*
11:50 - 12:00	**Discussion**
12:00 - 14:00	**Lunch break and lunch workshops (see page 178/179)**
14:00 - 15:30	**Free papers: Cartilage I**
	Chair: Brittberg M. (Sweden), Årøen A. (Norway)
14:00 - 14:05	Knee outcomes data collection in a sports medicine practice with a one-page form
FP14-253	*Briggs Karen (United States), Rodkey W., Steadman J.*
14:05 - 14:10	Direct rAAV-mediated gene transfer and expression of human IGF-I enhances the repair of articular cartilage defects in vivo
FP14-383	*Cucchiarini Magali (Germany), Weimer Anja, Menger M., Kohn D., Madry H.*
14:10 - 14:15	Autologous chondrocyte Implantation in cartilage lesions of the knee. Long term evaluation with MRI and delayed gadolinium enhanced MRI technique
FP14-388	*Vasiliadis H. (Greece), Danielson B., Ljungberg Maria, McKeon B., Lindahl A., Peterson L.*
14:15 - 14:20	Stimulation of proliferative and synthetic activities in human normal and osteoarthritic articular chondrocytes in vitro by rAAV-mediated overexpression of human IGF-I
FP14-381	*Cucchiarini Magali (Germany), Heiligenstein Susanne, Kohn D., Madry H.*
14:20 - 14:30	**Discussion**
14:30 - 14:35	Knee cartilage defect patients enrolled in randomized, controlled trials are not representative of patients in orthopaedic practice
FP14-570	*Engen Cathrine (Norway), Engebretsen L., Årøen A.*

14:35 - 14:40	Effect of hyperbaric oxygen and compression on chondrocyte proliferation
FP14-408	*Sievers Birte (Germany), Hoechsmann Nadine, Düren F., Mayer-Wagner Susanne, Melcher Carolin, Müller P.*
14:40 - 14:45	Autologous chondrocyte implantation using the original periosteum-cover technique (ACI-P) versus matrix-associated autologous chondrocyte implantation (m-ACI) - a randomized clinical trial
FP14-828	*Schmitt H. (Germany), Richter Wiltrud, Zeifang F.*
14:45 - 14:50	Four-year results from a randomized controlled study of knee chondroplasty (mechanic debridement versus radiofrequency chondroplasty)
FP14-371	*Spahn G. (Germany), Klinger H., Mückley T., Hofmann S.*
14:50 - 15:00	**Discussion**
15:00 - 15:05	A single stage procedure for cell-based repair of symptomatic cartilage defects: 24 month results from a pilot study
FP14-512	*Almqvist K. (Belgium), Farr J., Cole B., Hosea T., Richmond J., Brittberg M., Spalding T., Nehrer S., Imhoff A.*
15:05 - 15:10	Long-term clinical and radiological assessment of untreated severe cartilage damage in the knee: a natural history study
FP14-147	*Widuchowski W. (Poland), Lukasik P., Koczy B., Kwiatkowski G., Faltus R., Widuchowski J.*
15:10 - 15:15	Extension facet angle of the medial tibial plateau is increased in patients with early anteromedial gonarthrosis
FP14-1281	*Bottomley N. (United Kingdom), Judge A., Javaid K., Gill H., Murray D., Beard D., Price A.*
15:15 - 15:20	Matrix-coupled autologous chondrocyte-transplantation versus microfracturing as therapy of joint cartilage defects of the knee joint - results in a 5-year follow-up
FP14-474	Fechner A. (Germany), Meyer O., Godolias G.
15:20 - 15:30	**Discussion**
15:30 - 16:00	**Coffee break - visit industrial exhibition**

16:00 - 17:00 **Free papers: Foot and Ankle**
Chair: Järvinen T. (Finland), Ögüt T. (Turkey)

16:00 - 16:05 Acute Achilles tendon rupture (AATR): surgery VS conservative VS early functional approach
FP18-582 *Kaplan Y. (Israel)*

16:05 - 16:10 The aspect of the retrocalcaneal recess of Kager's triangle: a reliable diagnostic criterion for retrocalcaneal bursitis
FP18-741 *van Sterkenburg Maayke N. (Netherlands), Muller B., Sierevelt Inger, Maas M., van Dijk C.*

16:10 - 16:15 Optimization of portal placement for endoscopic calcaneoplasty
FP18-411 *van Sterkenburg Maayke N. (Netherlands), Groot Minke, Kerkhoffs G., van Dijk C.*

16:15 - 16:20 Open reduction and internal fixation of fifth metatarsal Jones fractures with BMAC stem cell graft – an outcome study
FP18-400 *Murawski C. (United States), Kennedy J.*

16:20 - 16:30 **Discussion**

16:30 - 16:35 Endoscopic resection of a calcaneonavicular coalition
FP18-1270 *Bauer T. (France), Golano P., Hardy P.*

16:35 - 16:40 Peroneal tendon endoscopy and peroneal vincula: is tendoscopy a feasible procedure? Could a proprioceptive role for vincula be hypothesized? A cadaveric and histological study
FP18-1375 *Marmotti A. (Italy), Del Din R., Germano Margherita, Tellini Alessandra, Mosso L., Castoldi F., Rossi R., Dettoni F.*

16:40 - 16:45 Arthroscopic subtalar arthrodesis
FP18-329 *Felicissimo P. (Portugal)*

16:45 - 16:50 Retrograde cancellous bone plug transplantation for the treatment of advanced osteochondral lesions with large subchondral lesion of the ankle
FP18-561 *Takao M. (Japan), Innami K., Komatsu F., Narita N., Matsushita T.*

16:50 - 17:00 **Discussion**

SCIENTIFIC PROGRAMME
Wednesday, June 9
ROOM 5 (SPEKTRUM)

17:00 - 18:00 **Free papers: PCL and PLC**
Chair: Veselko M. (Slovenia), Lind M. (Denmark)

17:00 - 17:05 Fibular collateral ligament anatomic reconstructions: a prospective outcomes study
FP16-602 *Griffith C. (United States), Spiridonov S., Coobs B., Ruckert P., LaPrade R.*

17:05 - 17:10 Incidence and location of bone bruises and other osseous injuries associated with grade III posterolateral knee injuries
FP16-1135 *Geeslin A. (United States), LaPrade R.*

17:10 - 17:15 Biomechanical comparisons between 4-strand anatomic and modified Larson's procedures for posterolateral corner reconstruction
FP16-747 *Miyatake S. (Japan), Kondo E., Tsai T., Hirschmann M., Halewood Camilla, Jakobsen B., Yasuda K., Amis A.*

17:15 - 17:20 A safe tibial guide angle during trans-tibial PCL reconstruction, based on a cadaveric study of the PCL facet and posterior cortex of the proximal tibia using X-rays and CT
FP16-398 *Lee Y. (South Korea (ROK)), Kim J., Ra H., Kim D., Ahn J., Jung Y., Min B.*

17:20 - 17:30 **Discussion**

17:30 - 17:35 Failed posterior cruciate ligament surgery syndrome
FP16-518 *Chang C. (Taiwan), Chen C., Su C., Wang K., Wang I., Liu H., Wong C., Yu C.*

17:35 - 17:40 Isolated posterior cruciate ligament deficient knee - in vivo kinematic evaluation using dynamic biplane radiography and model based tracking
FP16-1232 *Wang J. (South Korea (ROK)), Goyal K., Harner C., Tashman S.*

17:40 - 17:45 Evaluation of posterior cruciate ligament function: a pilot study demonstrating a stress technique for evaluation of posterior tibial translation in magnetic resonance imaging
FP16-1382 *Jung T. (Germany), Seebauer C., Dähn-Wollenberg Stephanie, Bail H., Haas N.*

17:45 - 17:50 Serial functional analysis of posterior cruciate ligament and posterolateral corner reconstructed patients during daily rotational activities
FP16-401 *Lee Y. (South Korea (ROK)), Lim B., Kim J., Lee K., Ahn J., Jung Y., Min B.*

17:50 - 18:00 **Discussion**

ROOM 6 (HOTEL)

10:30 - 12:00	**PT: Knee symposium part I** **ACL injury - Evidence based rehabilitation and prevention strategies** *Chair: Risberg May Arna (Norway), Tsepis E. (Greece)*
10:30 - 10:35 *SY50-2100*	Introduction to the Physical Therapy Program *Risberg May Arna (Norway), Holm Inger (Norway)*
10:35 - 11:00 *SY50-2064*	Evidence for rehabilitation after ACL injury - what is new? *Eitzen Ingrid (Norway)*
11:00 - 11:20 *SY50-2082*	Implementation of guidelines for knee rehabilitation - do we use them? *Risberg May Arna (Norway), Moksnes H. (Norway)*
11:20 - 11:40 *SY50-2199*	The link between ACL rehabilitation and secondary prevention *Myklebust Grethe (Norway)*
11:40 - 12:00 *SY50-2125*	Muscle strength training for rehabilitation of patients with ACL injury - do we really know how to do it? *Augustsson J. (Sweden)*
12:00 - 14:00	**Lunch break and lunch workshops (see page 178/179)**
14:00 - 15:30	**PT: Knee symposium part II** **Cartilage injuries and osteoarthritis of the knee-evidence based rehabilitation** *Chair: Snyder-Mackler Lynn (United States), Witvrouw E. (Belgium)*
14:00 - 14:15 *SY51-2065*	Exercise therapy for patients with cartilage injuries -prevention for osteoarthritis? *van Assche D. (Belgium)*
14:15 - 14:30 *SY51-2063*	Evidence for exercise therapy for patients with knee osteoarthritis *Roos Ewa (Denmark)*
14:30 - 14:45 *SY51-2066*	Exercise therapy for patients with meniscus injuries - prevention for osteoarthritis? *Stensrud Silje (Norway)*
14:45 - 15:00 *SY51-2200*	The Osteoarthritis Profile: the importance of using both self-report and functional performance outcome measures - implementation for practice *Snyder-Mackler Lynn (United States)*
15:00 - 15:30	**Discussion**

15:30 - 16:00	**Coffee break – visit industrial exhibition**
16:00 - 18:30	**PT Free papers: Knee** *Chair: Myklebust Grethe (Norway), Pereira R. (Portugal)*
16:00 - 16:05 *FP34-716*	Knee joint extensors force is of utmost importance in the functional knee joint stabilization following the anterior crucial ligament reconstruction *Piontek T. (Poland), Ciemniewska-Gorzela Kinga, Szulc A., Hejna R.*
16:05 - 16:10 *FP34-206*	Is muscle strength an important predictor of function in the ACL-deficient and ACL-reconstructed patient? *Hohmann E. (Australia), Bryant A., Tetsworth K.*
16:10 - 16:15 *FP34-1326*	Peak torque may be of questionable validity as primary outcome measurement for quadriceps strength assessments after ACL-injury *Eitzen Ingrid (Norway), Eitzen T., Holm Inger, Snyder-Mackler Lynn, Risberg May Arna*
16:15 - 16:20 *FP34-660*	Relationship between isokinetic and isometric strength assessment methods in ACL- reconstructed patients *Pereira Ruiz Maria Teresa (Italy), Albuquerque J., Mariani P.*
16:20 - 16:30	**Discussion**
16:30 - 16:35 *FP34-954*	Evaluation of quadriceps strength as risk factor for development of knee osteoarthritis after anterior cruciate ligament reconstruction *Øiestad Britt Elin (Norway), Holm Inger, Gunderson R., Myklebust Grethe, Risberg May Arna*
16:35 - 16:40 *FP34-1265*	Quadriceps strength and hop function is symmetrical at 1 and 2 years following ACL reconstruction: a longitudinal study *Logerstedt D. (United States), Lynch A., Axe M., Snyder-Mackler Lynn*
16:40 - 16:45 *FP34-1323*	Assymetries in the neuromuscular response of vastus lateralis and biceps femoris muscles during high intensity running in ACLR reconstructed competitive soccer players *Georgoulis A. (Greece), Patras K., Ziogas G., Tsiaras V., Stergiou N.*
16:45 - 16:50 *FP34-584*	Open vs closed kinetic chain exercises following anterior cruciate reconstruction; the debate continues *Kaplan Y. (Israel)*
16:50 - 17:00	**Discussion**

16:00 - 18:30	**PT Free papers: Knee** ***- continued***
17:00 - 17:05	Concentrated rehabilitation after anterior cruciate ligament reconstruction
FP34-1101	*Iriuchishima T. (Japan), Saito A., Horaguchi T., Morimoto Y., Kubomura T., Tokuhashi Y.*
17:05 - 17:10	A multi-factorial functional test battery can improve the prognostic accuracy in the decision-making for surgery or non-operative management after ACL-injury
FP34-1377	*Eitzen Ingrid (Norway), Moksnes H., Engebretsen L., Snyder-Mackler Lynn, Risberg May Arna*
17:10 - 17:15	Hop tests predicts self-report of knee function at 6 and 12 months ACL reconstruction
FP34-1107	*Logerstedt D. (United States), Lynch A., Axe M., Snyder-Mackler Lynn*
17:15 - 17:20	Does the plain radiograph accurately predict trochlear dysplasia?
FP34-340	*Hughes A. (United Kingdom), Donaldson O., Heal J., Mulford J., Wakeley C., Eldridge J.*
17:20 - 17:30	**Discussion**
17:30 - 17:35	Weight- bearing and gait distribution changes deficits following anterior cruciate ligament reconstruction
FP34-586	*Kaplan Y. (Israel)*
17:35 - 17:40	Hamstring muscle strength can be regained six months after anterior cruciate ligament reconstruction with hamstring tendon graft using a specific rehabilitation program
FP34-1059	*Moksnes H. (Norway), Eitzen Ingrid, Risberg May Arna*
17:40 - 17:45	Neuromuscular adaptations of the knee flexor mechanism after harvesting the hamstrings for ACL reconstruction, under fatigue conditions
FP34-1142	*Ristanis S. (Greece), Tsepis E., Giotis D., Xergia Sofia, Moraiti Constantina, Stergiou N., Georgoulis A.*
17:45 - 17:50	Three months preoperative active rehabilitation program in patients with a focal knee cartilage defect postponed or reduced the need for cartilage repair surgery
FP34-1397	*Årøen A. (Norway), Røtterud J., Høysveen Turid, Engebretsen L., Risberg May Arna*
17:50 - 18:00	**Discussion**

SCIENTIFIC PROGRAMME
Wednesday, June 9
ROOM 6 (HOTEL)

18:00 - 18:05	Rehabilitation protocol after microfracture treatment for full thickness chondral lesions of the knee- is there a consensus?
FP34-222	*Arvinte D., Radcliffe G., Bollen S. (United Kingdom)*
18:05 - 18:10	A prospective, randomised comparison of traditional and accelerated approaches to post-operative rehabilitation following matrix-induced autologous chondrocyte implantation (MACI): two-year clinical outcomes
FP34-403	*Ebert J. (Australia), Robertson W., Lloyd D., Ackland T., Zheng M., Wood D.*
18:10 - 18:15	Effect of patient education and supervised exercise versus patient education alone in patients with hip osteoarthritis. A single blinded randomized clinical trial
FP34-804	*Fernandes Linda (Norway), Storheim Kjersti, Nordsletten L., Risberg May Arna*
18:15 - 18:20	Increasing hip abduction strength in the clinical setting: a randomised controlled trial investigating the efficaccy of heavy versus moderate strength training
FP34-938	*Thorborg K. (Denmark), Bandholm T., Petersen J., Weeke Karen, Weinold C., Andersen Bente, Serner A., Magnusson P., Hölmich P.*
18:20 - 18:30	**Discussion**

TIMETABLE, Thursday, June 10, 2010

Time	Plenary (Hotel)	Room 2 (Spektrum)	Room 3 (Spektrum)
7.30	ICL 05: Patello-femoral pain. A global approach Arthroscopy Committee	ICL 04: Return to sports – are there any evidence based guidelines?	ICL 01: The swollen knee
7.45			
8.00			
8.15			
8.30			
8.45	Shoulder and elbow surgery in China, state of the art and new advances		
8.50			
8.55			
9.00	Presidential lecture by Lars Engebretsen		
9.10	Highlight lecture by Elizabeth Arendt: Bridges Across the Ocean: Towards a Better Understanding of the Patellofemoral Joint		
9.20			
9.30			
9.35	Ejnar Eriksson Lecture by Werner Müller: Old and new - known and unknown - would you know?		
9.45			
10.00	Coffee break	Coffee break	
10.15			
10.30	Free papers: TKA I	Free papers: ACL III	Free papers: Shoulder II
10.45			
11.00	Star papers		
11.15			
11.30			
11.45			
12.00	Lunch Workshops	Lunch Workshops	
12.15			
12.30			
12.45			
13.00			
13.15			
13.30	Lunch break	Lunch break	
13.45			
13.50			
14.00	Live surgery: Hip	ESSKA AOSSM	Anatomic double-bundle ACL reconstruction technique: Results and evaluation of quantified rotatory stability
14.05			
14.15			Management of medial collateral ligament injuries in the mutli-ligament injured knee
14.20	Live surgery: Knee		
14.30			Poster Short Communication II
15.00			
15.15			
15.30	Coffee break	Coffee break	
15.45			
16.00	Free papers: Total joint II	High-tech developments: how do patients and practise profit. Navigation, CAOS, Kinematics	Sport specific: Alpine skiing - a medical challenge
16.15			
16.30			
16.45			
17.00	Knee Committee: Sports and TKA	Tissue Engineering: the progress from laboratory to patient	What is new in cartilage repair?
17.15			
17.30			
17.45			
18.00			

TIMETABLE, Thursday, June 10, 2010

Room 4 (Spektrum)	Room 5 (Spektrum)	Room 6 (Hotel)	Room 7 / Base I Holmenkollen / Oslofjord	Time
ICL 03: Patella in total knee replacement	ICL 06: Absorbable implants in sports traumatology, basic science, clinical aspects and future perspectives	ICL 02: Endoscopic Cuff Repair: an Evidence Base Review		7.30
				7.45
				8.00
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				9.35
				9.45
Coffee break		Coffee break		10.00
				10.15
Free papers: Meniscus II	Free papers: Osteotomy	PT: Shoulder Latest evidence on shoulder dysfunctions		10.30
				10.45
				11.00
				11.15
				11.30
				11.45
Lunch Workshops		Lunch Workshops		12.00
				12.15
				12.30
				12.45
				13.00
				13.15
Lunch break		Lunch break		13.30
				13.45
				13.50
Maximizing performance in TKA	Basic Science Committee: Growth Factors and PRP: 2010 up to date	PT: Shoulder Recent advances in the rehabilitation of patients with Muscle-tendon injury		14.00
				14.05
				14.15
				14.30
		PT Free papers: Muscle-Tendon and Shoulder		14.50
				15.00
				15.15
Coffee break		Coffee break		15.30
				15.45
Free papers: Patello-femoral	Free papers: Tendon I		Room 7: ESSKA Upper Limb Committee open meeting: 2010-2012 projects / Base 1: ESSKA Under 45 Committee open meeting: „looking for new readers“	16.00
				16.15
				16.30
				16.45
Free papers: TKA II	New frontiers in arthroscopy of the ankle and hindfoot			17.00
				17.15
				17.30
				17.45
				18.00

Symposium | Lecture | Highlight Lecture | Awards | Break

Live Surgery | Instructional Course Lecture | Posters | Freepaper

PLENARY (HOTEL)

07:30 - 08:45	**ICL 05: Patello-femoral pain. A global approach** **Arthroscopy Committee** *Chair: Zaffagnini S. (Italy), Havlas V. (Czech Republic)*
07:30 - 07:40 *ICL14-2198*	The key for the clinical exam *Vallotton J. (Switzerland)*
07:40 - 07:50 *ICL14-2029*	Causes of pain *Sanchis-Alfonso V. (Spain)*
07:50 - 08:00 *ICL14-2147*	Patellofemoral pain in adolescence *Havlas V. (Czech Republic)*
08:00 - 08:10 *ICL14-2130*	Objective examination: xray CT MRI bone scan *Zaffagnini S. (Italy)*
08:10 - 08:20 *ICL14-2043*	Conservative treatment for P-F pain *Albasini A. (Switzerland)*
08:20 - 08:35	**Discussion**
08:45 - 08:55	**Specially invited guest lecture** *Chair: Gleyze P. (France)*
L37-2401	Shoulder and elbow surgery in China, state of the art and new advances *Tang K. (China)*
09:00 - 09:10	**Presidential lecture** *Engebretsen L. (Norway)*
09:10 - 09:35	**Highlight lecture** *Chair: Menetrey J. (Switzerland)*
HL11-2250	**Bridges Across the Ocean: Towards a Better Understanding of the Patellofemoral Joint** ***Arendt Elizabeth (United States)***

09:35 - 10:00	**Ejnar Eriksson Lecture** *Chair: Fritschy D. (Switzerland)*
L35-2108	Old and new known and unknown Would you know? *Müller W. (Switzerland)*
10:30 - 11:00	**Free papers: TKA I** *Chair: Kelberine F. (France), Friederich N. (Switzerland)*
10:30 - 10:35 *FP30-738*	Feasibility of neuromuscular training in patients with severe hip or knee OA: the individualized goal-based NEMEX-TJR training program *Roos Ewa (Denmark), Ageberg Eva, Link Anne*
10:35 - 10:40 *FP30-223*	Complications and revisions of the Oxford phase 3 prosthesis – a 10-years prospective independent study *Lisowski A. (Netherlands), Lisowski L.*
10:40 - 10:45 *FP30-63*	Health-related quality of life in severe and morbidly obese patients with knee osteoarthritis undergoing total knee replacement: factors determinig outcomes *Núñez Montserrat (Spain), Lozano L., Nuñez Esther, Segur J., Sastre S., Macule F., del Val J., Popescu D., Morales J., Suso S.*
10:45 - 10:50 *FP30-533*	Comparison of rotating platform and fixed bearing posterior cruciate retaining TKR at minimum of 2 years follow-up *Leach W. (United Kingdom), Blyth M., Stother I., James P., Gerrard-Tarpey Wendy, Crawfurd E., May Pauline, Brown Susan*
10:50 - 11:00	**Discussion**
11:00 - 12:00	**Star papers** *Chair: Karlsson J. (Sweden), Menetrey J. (Switzerland)*
11:00 - 11:08 *AW10-374*	Evaluation of different alginates for the transplantation of genetically modified chondrocytes into osteochondral defects in a sheep model *Heiligenstein Susanne (Germany), Bohle R., Kohn D., Madry H.*
11:08 - 11:10	**Discussion**
11:10 - 11:18 *AW10-1043*	Analysis of scores to document outcome following hip arthroscopy *Briggs Karen (United States), Philippon M.*

11:00 - 12:00	**Star papers** ***- continued***
11:18 - 11:20	**Discussion**
11:20 - 11:28 *AW10-1227*	Tensile forces on repaired medial meniscal root tears *Stärke C. (Germany), Lippisch R., Becker R.*
11:28 - 11:30	**Discussion**
11:30 - 11:38 *AW10-702*	Sidestep cutting technique and valgus knee loading *Kristianslund E. (Norway), Krosshaug T.*
11:38 - 11:40	**Discussion**
11:40 - 11:48 *AW10-296*	The potential risk of the common peroneal nerve injury in anteromedial portal drilling for anterior cruciate ligament reconstruction - a cadaveric study *Tawada K. (Japan), Nozaki M., Kobayashi M., Goto H., Otani M., Iguchi H., Nagaya Y., Watanabe N., Otsuka T.*
11:48 - 11:50	**Discussion**
11:50 - 11:58 *AW10-517*	Mechanical properties of the primary medial knee structures *Wijdicks C. (United States), Ewart D., Nuckley D., Johansen S., Engebretsen L., LaPrade R.*
11:58 - 12:00	**Discussion**
12:00 - 14:00	**Lunch break and lunch workshops (see page 180/181)**
14:00 - 15:30	**Live surgery I: Knee** *Chair: Dimmen S. (Norway)*
LS11-2315	Surgeons: *Petersen W. (Germany), Johansen S. (Norway)*
14:00 - 15:30	**Live surgery II: Hip** *Chair: Griffin D. (United Kingdom)*
LS13-2311	Surgeons: *Ludvigsen T. (Norway), Løken S. (Norway)*

SCIENTIFIC PROGRAMME
Thursday, June 10
PLENARY (HOTEL)

15:30 - 16:00	**Coffee break – visit industrial exhibition**
16:00 - 17:00	**Free papers: Total joint II** *Chair: Briard J. (France), Catani F. (Italy)*
16:00 - 16:05 *FP19-627*	Cemented versus uncemented femoral component in total knee arthroplasty: two-year follow-up of a randomized controlled study *Demey G. (France), Servien Elvire, Lustig S., Ait Si Selmi T., Neyret P.*
16:05 - 16:10 *FP19-805*	CFR-PEEK - a modern alternative bearing material in knee arthroplasty? *Utzschneider Sandra (Germany), Becker F., Dedic M., Sievers Birte, Grupp T., Sadoghi P., Gottschalk O., Jansson V.*
16:10 - 16:15 *FP19-1133*	Accuracy of femoral component rotation with and without computer assisted surgery in total knee arthroplasty *Doering C. (Germany), Becker R.*
16:15 - 16:20 *FP19-339*	Amount of anterior tibial translation in relation to size and tension of flexion gap with and without posterior cruciate ligament in total knee replacement *Christen B. (Switzerland), Neukamp M., Aghayev E.*
16:20 - 16:30	**Discussion**
16:30 - 16:35 *FP19-610*	Long term clinical results of the Oxford medial unicompartmental knee arthroplasty *Mercier N. (France), Saragaglia D.*
16:35 - 16:40 *FP19-1115*	The effectiveness of hemostasis in total knee replacement. Is there a better moment to release the tourniquet to decrease blood loss and complications? Prospective and randomized study with 138 cases *Granata Jr G. (Brazil), Caraviello A., Granata G., Stroher A., Navarro R., de Queiróz A.*
16:40 - 16:45 *FP19-1259*	Kinematics and outcome comparison in ultracongruent TKA with retained and resected cruciate ligament *Lee M., Jang J. (South Korea (ROK)), Choi W., Lee S., Seong S.*
16:45 - 16:50 *FP19-149*	Computer-assisted non-constrained total knee arthroplasty with osteotomy of the lateral femoral condyle in severe valgus deformation *Aïm Florence (France), Zadegan F., Pourreyron D., Guenoun B., Hannouche D., Nizard R.*
16:50 - 17:00	**Discussion**

17:00 - 18:00	**Knee Committee: Sports and TKA** *Chair: Salreta J. (Portugal), Thienpont E. (Belgium)*
17:00 - 17:08 *SY21-2091*	Introduction *Salreta J. (Portugal)*
17:08 - 17:16 *SY21-2221*	Which sports should we allow our patients to practice? *Huylebroek J. (Belgium)*
17:16 - 17:24 *SY21-2220*	Which prosthesis are more adequate for sporting patients? *Bellemans J. (Belgium), Thienpont E. (Belgium)*
17:24 - 17:32 *SY21-2219*	Which patients should we allow to practice sports? *Bonnin M. (France)*
17:32 - 17:40 *SY21-2179*	Sports and TKA. Facts and fiction around the world *Argenson J. (France)*
17:40 - 18:00	**Discussion**

ROOM 2 (SPEKTRUM)

07:30 - 08:45	**ICL 04: Return to sports – are there any evidence based guidelines?** *Chair: Forssblad M. (Sweden), Werner Suzanne (Sweden)*
07:30 - 07:34 *ICL13-2329*	Welcome *Forssblad M. (Sweden), Werner Suzanne (Sweden)*
07:34 - 07:42 *ICL13-2330*	Introduction and overview *Bahr R. (Norway)*
07:42 - 07:50 *ICL13-2331*	Risk factors: age, gender, type of sport *Myklebust Grethe (Norway)*
07:50 - 07:58 *ICL13-2332*	Predictive factors for a safe return-to-sport including subjective and objective factors *Kaplan Y. (Israel)*
07:58 - 08:06 *ICL13-2333*	Criteria for returning-to-sport: evaluation methods *Kvist Joanna (Sweden)*
08:06 - 08:14 *ICL13-2334*	Return-to-sport after cartilage repair *Wondrasch Barbara (Austria)*
08:14 - 08:22 *ICL13-2335*	Return to sports after lateral ankle ligament injuries. Surgical treatment beneficial? *Kerkhoffs G. (Netherlands)*
08:22 - 08:30 *ICL13-2336*	Return to sports after tendon injuries *Jones H. (Portugal)*
08:30 - 08:45	**Discussion**

10:30 - 11:00	**Free papers: ACL III** *Chair: Georgoulis A. (Greece), Verdonk P. (Belgium)*
10:30 - 10:35 *FP32-226*	Bone bruise at ACL reconstruction: a predictive factor for a difficult +post-operative rehabilitation *Zayni R. (France) , Sonnery-Cottet B., Quélard Bénédicte, Chambat P.*

10:30 - 11:00 **Free papers: ACL III** ***- continued***

10:35 - 10:40 The effect of medial versus lateral meniscectomy on laxity in the ACL-deficient knee
FP32-967 *Musahl V. (United States), Bedi A., Choi D., O'Loughlin P., Citak M., Pearle A.*

10:40 - 10:45 Augmenting tendon-bone healing with bioengineered periosteum progenitor cell sheets: a histological and biochemistry study in rabbits
FP32-519 *Chang C. (Taiwan), Chen C., Whu S., Liu H., Chen Shi-Hui*

10:45 - 10:50 Knee function and prevalence of knee osteoarthritis after anterior cruciate ligament reconstruction. A prospective study with 10-15 years follow-up
FP32-933 *Øiestad Britt Elin (Norway), Holm Inger, Aune A., Gunderson R., Myklebust Grethe, Engebretsen L., Fosdahl Merete, Risberg May Arna*

10:50 - 11:00 **Discussion**

12:00 - 14:00 **Lunch break and lunch workshops (see page 180/181)**

14:00 - 15:30 **ESSKA AOSSM: Treatment of Knee Injuries: What's New in 2010**
Chair: Fu F. (United States), Seil R. (Luxembourg), Ciccotti M. (United States)

14:00 - 14:15 Patellofemoral Instability
SY23-2341 *Dejour D. (France)*

14:15 - 14:30 How Anatomic do we need to be in ACL Reconstruction
SY23-2342 *Fu F. (United States)*

14:30 - 14:45 New Developments in Meniscal Repair
SY23-2343 *Beaufils P. (France)*

14:45 - 15:00 Multi Ligament Injuries including PCL
SY23-2344 *Miller M. (United States)*

15:00 - 15:15 The Rose of Osteotomies in the Injured Knee
SY23-2350 *Lobenhoffer P. (Germany)*

15:15 - 15:30 Return to play after ACL Reconstruction
SY23-2351 *Johnson D. (United States)*

15:30 - 16:00 **Coffee break – visit industrial exhibition**

SCIENTIFIC PROGRAMME
Thursday, June 10
ROOM 2 (SPEKTRUM)

16:00 - 17:00 **High-tech developments: how do patients and practise profit. Navigation, CAOS, Kinematics**
Chair: Klos B. (Netherlands), Amis A. (United Kingdom)

16:00 - 16:05 Introduction to the topic
SY22-2101 *Klos B. (Netherlands)*

16:05 - 16:13 Technical possibilities - Robots make better surgeons?
SY22-2193 *Cobb J. (United Kingdom)*

16:13 - 16:21 Technical possibilities - Future technology will make you a better surgeon
SY22-2192 *Amis A. (United Kingdom)*

16:21 - 16:29 Technical possibilities - Future technology will allows better diagnosis and improve therapy
SY22-2191 *Zaffagnini S. (Italy)*

16:29 - 16:37 Manager approach - Technology in private clinic setting
SY22-2117 *Witting M. (Austria)*

16:37 - 16:45 New Technologies, which way should we go?
SY22-2087 *Danckaert P. (Belgium)*

16:45 - 17:00 **Discussion**

17:00 - 18:00 **Tissue Engineering: the progress from laboratory to patient**
Chair: Amis A. (United Kingdom), Brittberg M. (Sweden)

17:00 - 17:02 Introduction
SY41-2090 *Amis A. (United Kingdom)*

17:02 - 17:12 The development of Tissue Engineering - Clinician's viewpoint
SY41-2196 *Poehling G. (United States)*

17:12 - 17:22 The development of Tissue Engineering - Scientist's viewpoint
SY41-2197 *Woo S. (United States)*

17:22 - 17:32 Stem cells in Tissue Engineering
SY41-2181 *Tuan R. (United States)*

17:32 - 17:42 Tissue engineering of articular cartilage
SY41-2203 *Brittberg M. (Sweden)*

17:42 - 17:52 Tissue engineering the meniscus
SY41-2204 *Verdonk P. (Belgium)*

17:52 - 18:00 **Discussion**

ROOM 3 (SPEKTRUM)

07:30 - 08:45	**ICL 01: The swollen knee** *Chair: Fritschy D. (Switzerland), Kvien T. (Norway)*
07:30 - 07:45 *ICL10-2246*	Knee swelling in children and adolescents *Tudisco C. (Italy)*
07:45 - 08:00 *ICL10-2247*	Septic arthritis, treatment principles *Fritschy D. (Switzerland)*
08:00 - 08:15 *ICL10-2248*	Affection of the knee joint, the rheumatological perspective *Kvien T. (Norway)*
08:15 - 08:30 *ICL10-2249*	Initial management of patients with acute or recent swelling of the knee *Rüther W. (Germany)*
08:30 - 08:45	**Discussion**
10:00 - 10:30	**Coffee break – visit industrial exhibition**
10:30 - 11:00	**Free papers: Shoulder II** *Chair: Bak K. (Denmark), Hardy P. (France)*
10:30 - 10:35 *FP31-1484*	Chondrotoxicity of low pH, epinephrine and preservatives found in local anesthetics containing epinephrine *Dragoo J. (United States), Korotkova Tatiana, Kim Hyeon Joo*
10:35 - 10:40 *FP31-299*	Cell biological and biomechanical evaluation of rotator cuff repairs in a sheep model *Klinger H. (Germany), Baums M., Spahn G., Buchhorn G., Steckel H., Miosge N.*
10:40 - 10:45 *FP31-940*	Treatment of labral tears with associated spinoglenoid cysts without cyst decompression *Schroder Cecilie P. (Norway), Skare O., Gjengedal E., Uppheim G., Stiris M., Brox J.*
10:45 - 10:50 *FP31-1356*	Conservative or arthroscopic treatment of first time traumatic anterior-inferior shoulder dislocation in adolescents – prospective results after 36 months *Listringhaus R. (Germany), Heikenfeld R., Go dolias G.*
10:50 - 11:00	**Discussion**

12:00 - 14:00	**Lunch break and lunch workshops (see page 180/181)**
14:00 - 14:15	**Lecture** *Chair: Denti M. (Italy)*
L18-2012	Anatomic double-bundle ACL reconstruction technique: Results and evaluation of quantified rotatory stability *Yasuda K. (Japan)*
14:15 - 14:30	**Lecture** *Chair: Karlsson J. (Sweden)*
L19-2116	Management of medial collateral ligament injuries in the mutli-ligament injured knee *Marx R. (United States)*
14:30 - 15:30	**Poster Short Communication II** *Chair: Madry H. (Germany), Camillieri G. (Italy)*
14:30 - 14:32 *SCP11-76*	Temporary drainage clamping after total knee arthroplasty - a randomized controlled trial in our institute and meta-analysis *Tai T. (Taiwan), Yang C., Lai K., Jou I., Chang C.*
14:32 - 14:34 *SCP11-621*	Computer-assisted internal rotation of the femoral implant for tka does not modify clinical outcome in case of mobile bearing tibial plateau. Results of a case-control study of 38 cases *Saragaglia D. (France), Mercier N., Ayach A., Plaweski S.*
14:34 - 14:36 *SCP11-692*	Comparison of cruciate sacrificing and cruciate retaining PFC sigma TKR – 683 knees minimum two-year follow-up *Blyth M. (United Kingdom), Stother I., May Pauline, Leach W., Crawfurd E., Brown Susan, James P., Gerrard-Tarpey Wendy*
14:36 - 14:38 *SCP11-960*	The infrapatellar branch of the saphenous nerve – anatomical course and relationships *Khanduja V. (United Kingdom), Nair Narga, Shahin H.*
14:38 - 14:40	**Discussion**
14:40 - 14:42 SCP11-1086	Cementless fixation of unicompartmental knee replacement decreases radiolucency at two years *Kendrick B. (United Kingdom), Pandit H., Jenkins Cathy, Beard D., Gill H., Price A., Dodd C., Murray D.*
14:42 - 14:44 *SCP11-1162*	A correlational study between KSS, WOMAC, and SF-36 in patients at waiting list for total knee arthroplasty *Leal-Blanquet J. (Spain), Hinarejos P., Puig-Verdie L., Montserrat F., Alentorn-Geli E., Caceres E.*

14:30 - 15:30	**Poster Short Communication II** ***- continued***
14:44 - 14:46	Relationship between rotational and coronal deformity in varus osteoarthritis (OA) of the knee
SCP11-1269	*Lee M., Jang J. (South Korea (ROK)), Lee S., Seong S.*
14:46 - 14:48	An in vitro study of knee kinematics: native versus bi-compartmental, PCL retaining and posterior stabilized implants
SCP11-1290	*Tibesku C. (Germany), Wong P., Innocenti B., Labey L.*
14:48 - 14:50	**Discussion**
14:50 - 14:52	Long term results of the use of reinfusion in total knee replacement. A prospective study
SCP11-1380	*Zacharopoulos A. (Greece), Papanikolaou S., Zacharis D., Vezirgiannis I.*
14:52 - 14:54	Has the knee evolved over the past 400 million years?
SCP11-1383	*Monk A. (United Kingdom), Simpson D., Aichroth P., Corrick Fenella, Vollrath F., Beard D., Gibbons M., Dodd C., Murray D.*
14:54 - 14:56	Medial unicompartmental knee replacement, cemented vs. cementless
SCP11-247	*Bontemps G. (Germany), Schlüter-Brust K.*
14:56 - 14:58	Synchronized fluoroscopy and EMG comparing multi radius and single radius total knee prostheses
SCP11-286	*Wolterbeek Nienke (Netherlands), Garling E., Valstar E., Nelissen R.*
14:58 - 15:00	**Discussion**
15:00 - 15:02	Gap balancing VS measured resection technique in computer assisted surgery
SCP11-806	*Tigani D. (Italy), Sabbioni G., Ben Ayad R., Filanti M., Rani N., Del Piccolo N.*
15:02 - 15:04	Activities related to deep flexion and patient satisfaction after high-flexion TKA
SCP11-1236	*Lee M. (South Korea (ROK)), Kim D., Lee S., Seong S.*
15:04 - 15:06	Comparison of lateral and medial amc uniglide unicompartmental knee replacement at two year
SCP11-1294	*Parwez T. (United Kingdom), Hassaballa M., Murray J., Porteous A., Robinson J.*
15:06 - 15:08	What can patients really do following TKA?
SCP11-611	*Laurent J. (France), Bonnin M., Parratte S., Zadegan F., Badet R.*

SCIENTIFIC PROGRAMME
Thursday, June 10
ROOM 3 (SPEKTRUM)

15:08 - 15:10	**Discussion**
15:10 - 15:12	Platelet rich plasma (PRP) is a superior biological augment to the reparative ability of biphasic collagen/GAG scaffolds in ovine osteochondral defects compared with concentrated bone marrow aspirate
SCP11-32	*Getgood A. (United Kingdom), Henson F., Lynn A., Fortier Lisa, Brooks R., Rushton N.*
15:12 - 15:14	Untreated posterolateral knee injuries: biomechanical and MRI evaluation of in vivo canine model
SCP11-539	*Griffith C. (United States), LaPrade R., Pepin S., Wijdicks C., Goerke Ute, Michaeli S., Ellermann Jutta*
15:14 - 15:16	Degenerative cartilage disorders in children knee
SCP11-1024	*Pligina Elena (Russian Federation), Burkin I., Ezelskaya Lylyia*
15:16 - 15:18	MR assessment of focal cartilage defects using a high resolution imaging protocol with planes perpendicular to the defect: preliminary results
SCP11-1338	*Mamisch T. (Switzerland), Årøen A., Engebretsen L., Risberg May Arna*
15:18 - 15:20	**Discussion**
15:20 - 15:22	Fabrication of custom-shaped grafts for cartilage regeneration
SCP11-1485	*Dragoo J. (United States), Koo S., Hargreaves B.*
15:22 - 15:24	Efficacy and safety of hylan G-F 20 in knee OA: a prospective, randomised controlled trial of single and multiple doses
SCP11-262	*Johnson G. (United Kingdom)*
15:24 - 15:26	Autologous chondrocyte implantation. long-term follow up, 10-20 years postoperatively
SCP11-382	*Vasiliadis H. (Greece), Brittberg M., Lindahl A., Peterson L.*
15:26 - 15:28	Repair of symptomatic cartilage defects of the femoral condyle and trochlea with ChondroSelect® under compassionate use
SCP11-595	*Almqvist K. (Belgium), Saris D., Vanlauwe J., Verdonk P., Victor J., Bellemans J., Verdonk R.*
15:28 - 15:30	**Discussion**
15:30 - 16:00	**Coffee break – visit industrial exhibition (see page 180/181)**

16:00 - 17:00	**Sport specific: Alpine skiing - a medical challenge** *Chair: Menetrey J. (Switzerland), Chambat P. (France)*
16:00 - 16:02 *SY43-2094*	Introduction *Menetrey J. (Switzerland)*
16:02 - 16:10 *SY43-2059*	Alpine skiing injury: report from the FIS injury surveillance system *Flørenes Tonje (Norway)*
16:10 - 16:20 *SY43-2157*	Constraints of competition alpine skiing - How to prevent their consequences? *Hoser C. (Austria)*
16:20 - 16:30 *SY43-2119*	Knee injuries: the diverse mechanism of injury *Fink C. (Austria)*
16:30 - 16:40 *SY43-2074*	ACL injury: epidemiology and prevention opportunities *Chambat P. (France)*
16:40 - 16:50 *SY43-2131*	Muscle dysbalance, one way of prevention *Ziltener JL. (Switzerland)*
16:50 - 17:00	**Discussion**
17:00 - 18:00	**What is new in cartilage repair?** *Chair: Madry H. (Germany), Handl M. (Czech Republic)*
17:00 - 17:10 *SY24-2274*	Basic science of articular cartilage repair *Peretti G. (Italy)*
17:10 - 17:20 *SY24-2275*	Evidence of cell-based therapies for cartilage repair *Nakamura N. (Japan)*
17:20 - 17:30 *SY24-2276*	Cell requirements and culture conditions for articular cartilage repair *Hannouche D. (France)*
17:30 - 17:40 *SY24-2277*	Stem cells and platelet-rich plasma for cartilage repair *Gobbi A. (Italy)*
17:40 - 17:47 *SY24-2419*	5 years after celltherapy vs microfracture *Saris D. (Netherlands)*
17:47 - 17:57 *SY24-2278*	Future perspectives in articular cartilage repair *Madry H. (Germany)*
17:57 - 18:00	**Discussion**

ROOM 4 (SPEKTRUM)

07:30 - 08:45	**ICL 03: Patella in total knee replacement** *Chair: Schiavone Panni A. (Italy), Verdonk R. (Belgium)*
07:30 - 07:45 *ICL12-2142*	Patella kinematics for different femoral rotation and in mobile versus fixed bearing designs *Kessler O. (Switzerland)*
07:45 - 08:00 *ICL12-2176*	How to manage the patella in the revision T.K.A. *Hinarejos P. (Spain)*
08:00 - 08:15 *ICL12-2189*	Technical issues for patellar resurfacing in total knee arthroplasty *Baldini A. (Italy)*
08:15 - 08:30 *ICL12-2144*	Patellar options in revision total knee arthroplasty *Casteleyn P. (Belgium)*
08:30 - 08:45	**Discussion**
10:00 - 10:30	**Coffee break – visit industrial exhibition**
10:30 - 11:00	**Free papers: Meniscus II** *Chair: Havlas V. (Czech Republic), Smigielski R. (Poland)*
10:30 - 10:35 *FP24-221*	Meniscal allograft transplantation without bone blocks *González-Lucena Gemma (Spain), Gelber P., Pelfort X., Monllau J.*
10:35 - 10:40 *FP24-242*	Meniscus tear types and patterns correlate with function and activity levels at least two years after partial meniscectomy *Rodkey W. (United States), Briggs Karen, Steadman J.*
10:40 - 10:45 *FP24-501*	Implantation of autogenous meniscal fragments wrapped with a fascia sheath enhances fibrocartilage regeneration in vivo in a large harvest site defect *Kobayashi Y. (Japan), Yasuda K., Kondo E., Kimura M.*
10:45 - 10:50 *FP24-70*	Meniscal repair with bioabsorbable meniscal screws or with bioabsorbable meniscal arrows: a prospective, randomized clinical study with 2-year follow-up *Järvelä Sally (Finland), Sirkeoja H., Järvelä T.*
10:50 - 11:00	**Discussion**

12:00 - 14:00	**Lunch break and lunch workshops (see page 180/181)**
14:00 - 15:30	**Maximizing performance in TKA** *Chair: Murray D. (United Kingdom), Bellemans J. (Belgium)*
14:00 - 14:10 *SY19-2368*	High performance and high flexion knee designs: an overview *Vandenneucker Hilde (Belgium)*
14:10 - 14:20 *SY19-2384*	Maximizing Flexion in TKR *Halder A. (Germany)*
14:20 - 14:30 *SY19-2369*	Selective bicompartimental knee replacement *Argenson J. (France), Parratte S. (France)*
14:30 - 14:40 *SY19-2370*	Integrated medial and patellofemoral arthroplasty *Franz A. (Germany)*
14:40 - 14:50 *SY19-2371*	Patients specific TKA implants *Bonnin M. (France)*
14:50 - 15:00 *SY19-2373*	Surgical pearls for improving performance in TKA *Wymenga A. (Netherlands)*
15:00 - 15:10 *SY19-2372*	Functional and kinematic analysis of high performance knees *Catani F. (Italy)*
15:10 - 15:30	**Discussion**
15:30 - 16:00	**Coffee break – visit industrial exhibition**

16:00 - 17:00	**Free papers: Patello-femoral** *Chair: Arendt Elizabeth (United States), Dejour D. (France)*
16:00 - 16:05 *FP21-361*	Surgical treatment of patellofemoral instability in adolescent patients with autologous gracilis *Simoes C. (Portugal), Oliveira P., Silva M., Rodrigues P., Tulha J., Seara M., Neves N., Pinto R., Cabral A.*
16:05 - 16:10 *FP21-970*	Relationship of anatomical factors of patellar instability and mid-term clinical outcomes of anteromedial tibial tuberosity transfer for recurrent patellar dislocation *Tsuda E. (Japan), Ishibashi Y., Yamamoto Y., Maeda S., Kimura Yuka, Inoue R.*
16:10 - 16:15 *FP21-837*	The dynamic TT-TG distance – patients with patella maltracking compared to healthy volunteers *Seitlinger G. (Austria), Scheurecker G., Högler R., Schmied P., Hofmann S.*
16:15 - 16:20 *FP21-1271*	Objective patella instability – differences in the rotational alignment of the lower extremity versus healthy volunteers as assessed by MRI *Scheurecker G. (Austria), Seitlinger G., Schmidt P., Hofmann S., Kramer J.*
16:20 - 16:30	**Discussion**
16:30 - 16:35 *FP21-994*	Medial patella ligament reconstruction, a prospective cohort *Arendt Elizabeth (United States), Adams Dina, Agel Julie*
16:35 - 16:40 *FP21-1092*	Prospective randomized study about the thraumatic patellar dislocation: the conservative treatment and the MPFL reconstruction with patellar tendon – a minimum 2-year follow-up *Bitar A. (Brazil), Camanho G., D'Elia C., Demange M., Viegas A.*
16:40 - 16:45 *FP21-1210*	The effect of periodical hot application on knee proprioception during the treatment of patellofemoral pain syndrome *Akkaya M., Akseki D. (Turkey)*
16:45 - 16:50 *FP21-1302*	Clinical and radiological results after isolated and combined patellofemoral arthroplasty with the journey PFJ trochleashield – a prospective study with a minimum follow up of 1 year *Beitzel K. (Germany), Schöttle P., Cotic M., Imhoff A.*
16:50 - 17:00	**Discussion**

17:00 - 18:00	**Free papers: TKA II** *Chair. Wymenga A. (Netherlands), Victor J. (Belgium)*
17:00 - 17:05 *FP27-952*	Mobile bearing lateral unicompartmental knee replacement *Pandit H. (United Kingdom), Jenkins Cathy, Gill H., Beard D., Price A., Dodd C., Murray D.*
17:05 - 17:10 *FP27-956*	Correlations between subjective score measurements and objective force and gait parameters after total knee arthroplasty *von der Heide Nadine (Switzerland), Ebneter L., van Beurden M., Kuster M.*
17:10 - 17:15 *FP27-1311*	The posterior condylar offset ratio in total knee arthroplasty *Johal P. (United Kingdom), Hassaballa M., Eldridge J., Murray J., Robinson J., Porteous A.*
17:15 - 17:20 *FP27-1358*	Posterior stabilized inlays in TKA reduce patellofemoral contact pressures compared with a highly comforming design *Tibesku C. (Germany), Becher C., Heyse T., Kron Nadine, Hurschler C., Fuchs-Winkelmann Susanne, Ostermeier S.*
17:20 - 17:30	**Discussion**
17:30 - 17:35 *FP27-1390*	Structural properties of the medial and lateral collateral ligaments of the human knee *Wilson W. (United Kingdom), Wearing S., Deakin Angela, Payne A., Picard F.*
17:35 - 17:40 *FP27-1428*	Factors determining length of stay after a primary total knee replacement in patients aged over 75 *Raut Shruti (United Kingdom), Mertes S., Khanduja V.*
17:40 - 17:45 *FP27-1432*	Integrated care pathways – are they effective? The Cambridge experience *Mertes S. (United Kingdom), Raut Shruti, Khanduja V.*
17:45 - 17:50 *FP27-825*	Prospective evaluation of the correlation between knee revision indication on function and pain of 113 consecutive patients with a follow-up of 2 years *van Kempen R. (Netherlands), Defoort K., van Hellemondt G., Schimmel Janneke, Bellemans J., Wymenga A.*
17:50 - 18:00	**Discussion**

ROOM 5 (SPEKTRUM)

07:30 - 08:45	**ICL 06: Absorbable implants in sports traumatology, basic science, clinical aspects and future perspectives** *Chair: Kartus J. (Sweden), Smit T. (Netherlands)*
07:30 - 07:35 *ICL15-2089*	Introduction *Kartus J. (Sweden)*
07:35 - 07:50 *ICL15-2024*	Introduction to Degradable Polymers *Smit T. (Netherlands)*
07:50 - 08:00 *ICL15-2115*	Long term clinical and radiographical results after using different absorbable implants in shoulder surgery *Ejerhed L. (Sweden)*
08:00 - 08:10 *ICL15-2173*	Short- and long term biochemical aspects after the use of absorbable implants in ACL surgery *Drogset J. (Norway)*
08:10 - 08:20 *ICL15-2114*	Long term clinical and radiographical results after using absorbable or metal implants in ACL surgery *Kartus J. (Sweden)*
08:20 - 08:30 *ICL15-2071*	Perspectives for Degradable Implants *Smit T. (Netherlands)*
08:30 - 08:45	**Discussion**
10:00 - 10:30	**Coffee break – visit industrial exhibition**
10:30 - 11:00	**Free papers: Osteotomy** *Chair: Pape D. (Luxembourg), Stukenborg-Colsman Christina (Germany)*
10:30 - 10:35 *FP29-1063*	Medial opening wedge high tibial osteotomy increases posterior oblique ligament strain *Miniaci A. (United States), Farrow L., Colbrunn R., Fening S.*
10:35 - 10:40 *FP29-615*	Can patients really do sport after high tibial osteotomy? *Bonnin M. (France), Laurent J., Zadegan F., Badet R., Servien Elvire*

10:30 - 11:00	**Free papers: Osteotomy** ***- continued***
10:40 - 10:45 *FP29-760*	Comparison of functional results by koos after opening wedge osteotomies above and below the knee – a prospective study *Ekeland A. (Norway), Nerhus K., Dimmen S., Heir S.*
10:45 - 10:50 *FP29-373*	Knee cartilage regeneration after high tibial osteotomy in relation to arthroscopic surgery *Spahn G. (Germany), Klinger H., Mückley T., Hofmann S.*
10:50 - 11:00	**Discussion**
12:00 - 14:00	**Lunch break and lunch workshops (see page 180/181)**
14:00 - 15:30	**Basic Science Committee: Growth Factors and PRP: 2010 up to date** *Chair: Kelberine F. (France), Sanchez M. (Spain)*
14:00 - 14:10 *SY20-2230*	Definition and description of different GF *Anitua E. (Spain)*
14:10 - 14:20 *SY20-2240*	Role of each GF *Bigard X. (Germany)*
14:20 - 14:25 *SY20-2222*	Which PRP we prepare (techniques from industry) *Kelberine F. (France)*
14:25 - 14:35 *SY20-2224*	Biological interference in PRP *Menetrey J. (Switzerland)*
14:35 - 14:45 *SY20-2237*	Reglementation *Jenoure P. (Switzerland)*
14:45 - 14:55 *SY20-2231*	Do we have the science to back it up ? *Gigante A. (Italy)*
14:55 - 15:05 *SY20-2229*	Clinical relevance *Sanchez M. (Spain)*
15:05 - 15:15 *SY20-2226*	The use of PRP in tendinopathies *Gosens T. (Netherlands)*
15:15 - 15:25 *SY20-2227*	Clinical application: surgery *Mei Dan O. (Israel)*
15:25 - 15:30 *SY20-2223*	Take home message *Kelberine F. (France)*

15:30 - 16:00	**Coffee break – visit industrial exhibition**
16:00 - 17:00	**Free papers: Tendon I** *Chair: Maffulli N. (United Kingdom), Knobloch K. (Germany)*
16:00 - 16:05 *FP20-1381*	Improvement of tendon healing with growth factors *Majewski M. (Switzerland)*
16:05 - 16:10 *FP20-1359*	Effects of elastin-derived peptide on Achilles' tendon healing: an experimental study *Chillemi C. (Italy), Gigante A.*
16:10 - 16:15 *FP20-234*	Glutamate receptors in tendinopathy *Ackermann P. (Sweden), Schizas N., Lian Ø., Frihagen F., Engebretsen L., Bahr R.*
16:15 - 16:20 *FP20-652*	The TOPGAME-study: effectiveness of extracorporeal shockwave therapy in jumping athletes with patellar tendinopathy; a randomized controlled trial *Zwerver J. (Netherlands), van den Akker-Scheek Inge, Hartgens F., van der Worp H., Verhagen E., Diercks R.*
16:20 - 16:30	**Discussion**
16:30 - 16:35 *FP20-479*	Ultrasound-guided sclerosing treatment in patients with patellar tendinopathy (jumper's knee) – 3.5-yr follow-up *Hoksrud Aasne Fenne (Norway), Bahr R.*
16:35 - 16:40 *FP20-845*	Histology of hamstring syndrome - from "fibrous band" to tendinosis *Orava S. (Finland), Lempainen L., Sarimo J., Vaittinen S., Heikkilä J.*
16:40 - 16:45 *FP20-328*	Effect of Mitomycin-C on postoperative adhesion of tendon surgery: an experimental study in rats *Kocaoglu B. (Turkey), Agir I., Akgun U., Turkmen M., Karahan M.*
16:45 - 16:50 *FP20-1057*	No effect of autologous platelets (PRP) on the healing of human Achilles tendon ruptures *Schepull T. (Sweden), Kvist Joanna, Trinks Marie, Berlin G., Aspenberg P.*
16:50 - 17:00	**Discussion**

17:00 - 18:00	**New frontiers in arthroscopy of the ankle and hindfoot** *Chair: van Dijk C. (Netherlands), Calder J. (United Kingdom)*
17:00 - 17:01 *SY25-2093*	Introduction *van Dijk N. (Netherlands)*
17:01 - 17:11 *SY25-2018*	Applied anatomy of the hind foot *Golano P. (Spain)*
17:11 - 17:21 *SY25-2014*	Ankle arthroscopy techniques and anterior impingement *Kelberine F. (France)*
17:21 - 17:31 *SY25-2133*	Osteochondral defects: past, present and future *Bauer T. (France)*
17:31 - 17:41 *SY25-2152*	Posterior ankle impingement *Ögüt T. (Turkey)*
17:41 - 17:50 *SY25-2002*	Achilles tendon *van Dijk N. (Netherlands), Heuer S. (Germany)*
17:50 - 18:00	**Discussion**

ROOM 6 (HOTEL)

07:30 - 08:45	**ICL 02: Endoscopic Cuff Repair: an Evidence Base Review** *Chair: Hardy P. (France), Lundgreen Kirsten (Norway)*
07:30 - 07:35 *ICL11-2096*	Introduction *Hardy P. (France)*
07:35 - 07:45 *ICL11-2058*	Epidemiology and natural history of Cuff Tears *Nyffeler R. (Switzerland)*
07:45 - 07:55 *ICL11-2031*	Clinical diagnosis of Cuff tears *Lundgreen Kirsten (Norway)*
07:55 - 08:05 *ICL11-2159*	Radiological diagnosis *Antonogiannakis E. (Greece)*
08:05 - 08:15 *ICL11-2163*	Results of Conservative treatment *Moosmayer S. (Norway)*
08:15 - 08:25 *ICL11-2185*	Surgical treatment: decompression vs repair *Thomazeau H. (France)*
08:25 - 08:40	**Discussion**
08:40 - 08:45 *ICL11-2040*	Conclusion *Hardy P. (France)*
10:00 - 10:30	**Coffee break – visit industrial exhibition**
10:30 - 12:00	**PT: Shoulder symposium** **Latest evidence on shoulder dysfunctions** *Chair: Holm Inger (Norway), Melegati G. (Italy)*
10:30 - 10:50 *SY52-2050*	Diagnostic criteria and examination of shoulder dysfunctions *Piene Schrøder Cecile (Norway)*
10:50 - 11:10 *SY52-2000*	A clinical reasoning algorithm for early detection of shoulder pathology *Cools Ann M. (Belgium)*
11:10 - 11:30 *SY52-2062*	Evidence based rehabilitation of patients with shoulder dysfunctions *Cools Ann M. (Belgium)*
11:30 - 11:50 *SY52-2161*	Rehabilitation program for patients with shoulder dysfunctions - a clinical view *Fredriksen Hilde (Norway)*
11:50 - 12:00	**Discussion**

12:00 - 14:00 **Lunch break and lunch workshops (see page 180/181)**

14:00 - 14:50 **PT: Shoulder and muscle-tendon injury symposium**
Recent advances in the rehabilitation of patients with muscle-tendon injury
Chair: Myklebust Grethe (Norway), Kaplan Y. (Israel)

14:00 - 14:20 Rehabilitation programs for patients with muscle-tendon injuries
SY53-2162 *Frohm Anna (Sweden)*

14:20 - 14:40 Screening tests followed by rehabilitation program for patients with patella tendinopathy
SY53-2169 *Frohm Anna (Sweden)*

14:40 - 14:50 **Discussion**

14:50 - 15:30 **PT Free papers: Muscle-Tendon and Shoulder**
Chair: Jaeger Hansen K. (Norway), Wondrasch Barbara (Austria)

14:50 - 14:55 Acute Achilles tendon rupture: a randomized, controlled study comparing surgical and non-surgical treatments using validated outcome measures
FP35-471 *Nilsson Helander Katarina (Sweden), Grävare Silbernagel Karin, Thomeé R., Faxén Eva, Olsson N., Eriksson B., Karlsson J.*

14:55 - 15:00 Evaluation of function with a new heel-rise work test reveals deficit in function two years after injury in the majority of the patients with Achilles tendon rupture
FP35-386 *Grävare Silbernagel Karin (United States), Nilsson Helander Katarina, Thomeé R., Eriksson B., Olsson N., Karlsson J.*

15:00 - 15:05 Long-term outcome of patients with Achilles tendinopathy treated with exercise
FP35-1064 *Grävare Silbernagel Karin (United States), Brorsson Annelie, Lundberg Mari*

15:05 - 15:10 Can muscle strength around the rotator cuff reflect the severity of partial rotator cuff tear in throwing shoulder injury?
FP35-58 *Nakagawa S. (Japan), Yoneda M., Mizuno Naoko*

15:10 - 15:15 Natural history of rotator cuff tears: radiological and clinical results of conservative treatment
FP35-1252 *De Carli A. (Italy), Ciompi A., Vadalà A., Mossa L., Argento G., Ferretti A.*

15:15 - 15:30 **Discussion**

15:30 - 16:00 **Coffee break – visit industrial exhibition**

16.00 Subway transportation to the Sport Medicine Clinic Hjelp24NIMI and Olympic Centre
Meeting point: Information desk at the Radisson Blu Plaza Hotel (next to the reception).

16.30-17.45 Workshops
Parallel sessions at the Olympic Centre or the Sport Medicine Clinic Hjelp24 NIMI.
Included is a guided tour at the Olympic Centre and the Sport Medicine Clinic.

Olympic Centre

Subway transportation: Subway 3 from Jernbanetorget to Sognsvann: 19 minutes.

16:30 - 17:15 **PT 01: Exercise program for the prevention of ACL injuries**
PTW10 *Chair: Myklebust Grethe (Norway), Steffen Katrin (Norway)*

16:30 - 17:15 **PT 02: Lower extremity muscle strength training; principles and criteria for progression**
PTW11 *Chair: Jaeger Hansen K. (Norway), Augustsson J. (Sweden)*

SPORT MEDICINE CLINIC

Subway transportation: Subway 3 from Jernbanetorget to Ullevaal Stadion: 11 minutes.

16:30 - 17:15 **PT 03: Shoulder examination and screening tests**
PTW12 *Chair: Piene Schrøder Cecile (Norway)*

16:30 - 17:15 **PT 04: Exercise therapy for patients with shoulder dysfunctions**
PTW13 *Chair: Cools Ann M. (Belgium), Fredriksen Hilde (Norway)*

ROOM 7 (SPEKTRUM)

16:00 - 18:00 ESSKA Upper Limb Committee Open meeting, Projects 2010-2012

16:00 - 16:05 Realisations of the Upper Limb Committee in the last two years
Ettore Taverna, 2008-2010 President

16:05 - 16:10 Projects for 2010-2012
Pascal Gleyze, President, Boris Poberaj, Vice President

16:10 - 16:15 Scientific works: Multicentric studies, Publications in KSSTA, Scientific programme for ESSKA Geneva 2012
Antonio Cartucho, Christophe Charrousset

16:15 - 16:20 Presentation of ULC multicentric study „Prognostic factors of recurrences after arthroscopic treatment of shoulder instability - Cohort study“, call for participations
Giuseppe Milano

16:20 - 16:30 Educational Committee: Courses and European fellowships
Tom Clement Ludvigsen, Angel Calvo, Marteen Van der List

16:30 - 16:35 Presentation of the ULC course in Warsaw
Grzegorz Adamczyk

16:35 - 16:45 Collaboration with European Wrist Arthroscopic Society
Jane Messina

16:45 - 16:55 Collaboration with European Society for Shouler and Elbow Rehabilitation
Ann Cools

16:55 - 17:00 Join us, contact, call for members and contributions
Nikos Tzanakakis

17:00 - 17:05 Communications and medias
Pietro Randelli

17:05 - 17:10 Treasurer report
Radovan Mihelic

Special guests:

17:10 - 17:20 Prof. Abdelkrim Largab (President of Marocco arthroscopic association) - Shoulder arthroscopy in Marocco

17:20 - 17:30 Dr. Mauricio Gutierrez (President of the SLARD) - Shoulder Arthroscopy in Central & Latin America

17:30 - 17:40 Prof. Tang Lai (President of China Shoulder Society) - Shoulder arthroscopy in China

17:40 - 18:00 Conclusion and discussion with the audience
Ettore Taverna, Pascal Gleyze, Boris Poberaj

BASE I (HOTEL)

16:00 - 18:00 ESSKA UNDER 45 Committee open meeting: "Looking for new leaders"
Chair: van Heerwaarden R. (Netherlands)

TIMETABLE, Friday, June 11, 2010

Symposium | Lecture | Highlight Lecture | Awards | Break

Time	Plenary (Hotel)	Room 2 (Spektrum)	Room 3 (Spektrum)
7.15	ICL 08: Current concepts on the treatment of postero-lateral knee injuries	ICL 07: What is the evidence base in ACL surgery?	ICL 11: Surgical anatomy of the foot and ankle
7.30			
7.45			
8.00			
8.15			
8.30	Travelling Fellows Presentation		
8.45			
9.00	Highlight lecture by Roald Bahr: Can sports injuries be prevented?		
9.15			
9.30	Coffee break	Coffee break	
9.45			
10.00	EAR: Arthroplasty Registers in Knee Replacement	ULC: New concepts of shoulder surgery- a new 3-D concept. Art or science?	Hip arthroscopy
10.15			
10.30			
10.45			
11.00	ESSKA General Assembly		
11.30			
12.00			
12.15			
12.30	Lunch Workshops	Lunch Workshops	
12.45			
13.00			
13.15			
13.30	Lunch break	Lunch break	
14.00	Live surgery: Ankle Live surgery: Shoulder	Selective resurfacing and less invasive solutions in knee OA	The two year development of cartilage thickness, post traumatic bone marrow lesions and joint fluid volumes after acute ACL disruption - a longitudinal MRI study
14.05			
14.10			
14.15			Navigation in total knee replacements
14.25			
14.30			Poster Short Communication III
15.00			
15.15			
15.30	Coffee break	Coffee break	
15.45			
16.00	Free papers: Total joint III	Free papers: ACL IV	National Award Winners
16.10			
16.20			
16.30			
16.45			
17.00	Knee Committee: Flexion/extension balancing in total knee arthroplasty	ESSKA SIGASCOT SIA	
17.10			
17.20			
17.30			
17.45			
18.00			

TIMETABLE, Friday, June 11, 2010

Room 4 (Spektrum)	Room 5 (Spektrum)	Room 6 (Hotel)	Room 7 / Base I Holmenkollen / Oslofjord	Time
ICL 12: Perioperative problems in TKA	ICL 10: Wrist arthroscopy - possibilities and limitations ESSKA-EWAS	ICL 09: Athletes Shoulder ESSKA-AGA		7.15
				7.30
				7.45
				8.00
				8.15
				8.30
				8.45
				9.00
				9.15
Coffee break		Coffee break		9.30
				9.45
Free papers: Cartilage II	Free papers: Injury prevention			10.00
				10.15
				10.30
				10.45
				11.00
				11.30
				12.00
				12.15
Lunch Workshops		Lunch Workshops		12.30
				12.45
				13.00
				13.15
Lunch break		Lunch break		13.30
ESSKA EFOST: ACL decision-making in high level athletes: Planning-surgery-rehabilitation	Surgical treatment of PCL and PLC injuries: what are the indications?	ECOSEP		14.00
				14.05
				14.10
	Effect of ACL reconstruction techniques on growth factors release			14.15
				14.25
	Integration Commitee: Biologic approach to ligament and tendon healing			14.30
				15.00
				15.15
Coffee break		Coffee break		15.30
				15.45
ACL double-bundle reconstruction: a critical appraisal	Free papers: Shoulder III			16.00
				16.15
	Genetic markers in achilles tendonitis and ACL injuries			16.30
				16.40
	MPFL reconstruction: isometry or „anatomometry“?			16.45
				16.50
Back to basics: Lateral epicondylitis of the elbow. Conservative and surgical treatment	Sport Specific: Tennis injuries- Will their character change as the demands increase?			17.00
				17.15
				17.30
				17.45
				18.00

Live Surgery | Instructional Course Lecture | Posters | Freepaper

PLENARY (HOTEL)

07:15 - 08:30	**ICL 08: Current concepts on the treatment of postero-lateral knee injuries** *Chair: LaPrade R. (United States), Johansen S. (Norway)*
07:15 - 07:30 *ICL17-2099*	Introduction, Anatomy, and Diagnosis of Posterolateral Knee Injuries *LaPrade R. (United States)*
07:30 - 07:45 *ICL17-2037*	Clinically relevant Biomechanics of the Posterolateral Knee *Wijdicks C. (United States)*
07:45 - 08:00 *ICL17-2011*	Acute Repairs and Rehabilitation of Posterolateral Knee Injuries *Engebretsen L. (Norway)*
08:00 - 08:15 *ICL17-2209*	Treatment of Chronic Posterolateral Knee Injuries-Osteotomies and Reconstructions *Johansen S. (Norway)*
08:15 - 08:30 *ICL17-2136*	Outcomes and Discussion *LaPrade R. (United States)*

08:30 - 09:00	**Travelling Fellows Presentation** *Chair: Engebretsen L. (Norway)*
08:30 - 08:36 *SP11-2386*	SLARD Fellows through Europe 2010
08:36 - 08:42 *SP11-2387*	Knee Arthroplasty Fellowship (Tornier) 2008
08:42 - 08:48 *SP11-2388*	APOA Fellows through Europe 2010
08:54 - 09:00 *SP11-2390*	AOSSM Fellows through Europe 2010

09:00 - 09:30	**Highlight lecture** *Chair: Seil R. (Luxembourg)*
HL13-2027	**Can ACL injuries be prevented? - Models, mechanisms, and making it happen** **Bahr R. (Norway)**

LUNCH - WORKSHOP
Soft Tissue Sparing
Innovative Approaches & Technologies
in Total Joint Arthroplasty
Friday, June 11th, 2010

INCL. HANDS-ON SESSION

Presenters:
Dr. med M. Michel, Switzerland
Prof. Dr. M. Morlock, Germany

Radisson Blu Plaza Hotel
(Ground Floor - Room: Base I)

Friday, June 11th, 2010
12:30pm – 1:30pm

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09:30 - 10:00	**Coffee break – visit industrial exhibition**
10:00 - 11:00	**EAR: Arthroplasty Registers in Knee Replacement** *Chair: Böhler N. (Austria), Labek G. (Austria)*
10:00 - 10:10 *SY47-2216*	Value of Literature in peer reviewed Journals compared to Register Datasets *Labek G. (Austria)*
10:10 - 10:20 *SY47-2212*	Unicondylar or Total knee arthroplasty? What can registries tell us? *Furnes O. (Norway)*
10:20 - 10:30 *SY47-2143*	Patella Replacement in Total Knee Arthroplasty *Liebensteiner M. (Austria)*
10:30 - 10:40 *SY47-2205*	TKA - epidemiology and long-term outcome in younger patients *Leskinen J. (Finland)*
10:40 - 10:50 *SY47-2081*	Impact of the Knee implant design on the outcome *Böhler N. (Austria)*
10:50 - 11:00	**Discussion**
11:00 - 12:00	**ESSKA General Assembly**
12:00 - 14:00	**Lunch break and lunch workshops (see page 182-184)**
14:00 - 15:30	**Live surgery III: Shoulder** *Chair: Ludvigsen T. (Norway)*
LS10-2313	Surgeons: *Calvo Diaz A. (Spain), Dimmen S. (Norway)*
14:00 - 15:30	**Live Surgery IV: Ankle** *Chair: Hvaal K. (Norway)*
LS12-2264	Surgeons: *van Dijk C. (Netherlands), Robstad B. (Norway)*
15:30 - 16:00	**Coffee break – visit industrial exhibition**

16:00 - 17:00	**Free papers: Total joint III** *Chair: Kecojevic V. (Serbia), Becker R. (Germany)*
16:00 - 16:05 *FP25-1305*	Minimum 20 year follow-up of the medial Oxford unicompartmental knee arthroplasty *Price A. (United Kingdom), Svard U.*
16:05 - 16:10 *FP25-225*	Primary total knee arthroplasty using custom fit guides (signature) *El Hachmi M. (Belgium), Forthomme J., Thienpont E.*
16:10 - 16:15 *FP25-464*	Post-cam contact mechanics in posterior stabilized TKA designs *Arnout Nele (Belgium), Vanlommel J., Vanlommel L., Luyckx J., Labey L., Victor J., Bellemans J.*
16:15 - 16:20 *FP25-854*	Are Kozinn-Scott contra-indications correct for a mobile bearing unicompartmental knee replacement? *Pandit H. (United Kingdom), Jenkins Cathy, Price A., Gill H., Dodd C., Murray D.*
16:20 - 16:30	**Discussion**
16:30 - 16:35 *FP25-1235*	Influency of rotatory mobil-bearing total knee replacement designs on maximum knee flexion per-operatively and at one year post-operatively. A prospective study about 3 models: ultracongruent, postero-stabilised and high-flexion postero-stabilised *Wajsfisz A. (France), Biau D., Boisrenoult P., Beaufils P.*
16:35 - 16:40 *FP25-1291*	Intra-operative analysis of the kinematic behavior of a total knee replacement by a navigation system. Initial experience and further development *Jenny J. (France)*
16:40 - 16:45 *FP25-780*	A comparison of the wear of fixed and mobile bearing unicompartmental knee replacements *Brockett Claire L. (United Kingdom), Jennings Louise, Fisher J.*
16:45 - 16:50 *FP25-915*	RSA as an early predictor for aseptic loosening in total knee arthroplasty. A meta-analysis comprising over 21,000 patients *Pijls B. (Netherlands), Valstar E., Middeldorp Saskia, Fiocco Marta, Nouta K., Nelissen R.*
16:50 - 17:00	**Discussion**

17:00 - 18:00	**Knee Committee: Flexion/extension balancing in total knee arthroplasty** *Chair: Wymenga A. (Netherlands), Beaufils P. (France)*
17:00 - 17:10 *SY30-2289*	Dependent and independent cuts; advantages and disadvantages *Beaufils P. (France)*
17:10 - 17:20 *SY30-2290*	Laxity after total knee and in a healthy elderly population *Heesterbeek Petra (Netherlands)*
17:20 - 17:30 *SY30-2291*	PCl balancing in total knee *Wymenga A. (Netherlands)*
17:30 - 17:40 *SY30-2292*	Flexiongap balancing and rotation in total knee *Romero J. (Switzerland)*
17:40 - 18:00	**Discussion**

ROOM 2 (SPEKTRUM)

07:15 - 08:30	**ICL 07: What is the evidence base in ACL surgery?** *Chair: Zaffagnini S. (Italy), Lubowitz J. (United States)*
07:15 - 07:27 *ICL16-2111*	Laxity measurement in ACL. What is the evidence? *Zaffagnini S. (Italy)*
07:27 - 07:39 *ICL16-2006*	ACL reconstruction in vitro evaluation. What is the evidence? *Zantop T. (Germany)*
07:39 - 07:51 *ICL16-2005*	ACL reconstruction: clinical studies. What is the evidence? *Orlewsky A. (Russian Federation)*
07:51 - 08:03 *ICL16-2013*	Anatomy and ACL reconstruction. What is the evidence? *Yasuda K. (Japan)*
08:03 - 08:15 *ICL16-2085*	Indication for ACL reconstruction. What is the evidence? *Safran M. (United States)*
08:15 - 08:20 *ICL16-2389*	Evidence base in ACL surgery *Lubowitz J. (United States)*
08:20 - 08:30	**Discussion**
09:30 - 10:00	**Coffee break – visit industrial exhibition**
10:00 - 11:00	**ULC: New concepts of shoulder surgery- a new 3-D concept. Art or science?** *Chair: Gleyze P. (France), Karlsson J. (Sweden)*
10:00 - 10:30 *SY36-2113*	Video dissection *Golano P. (Spain)*
10:30 - 10:45 *SY36-2129*	New 3D concept *Lafosse L. (France)*
10:45 - 10:55 *SY36-2269*	Art and anatomy, the Leonardo da Vinci experience *Gleyze P. (France), Lenen D.*
10:55 - 11:00	**Discussion**

12:00 - 14:00	**Lunch break and lunch workshops (see page 182-184)**
14:00 - 15:30	**Selective resurfacing and less invasive solutions in knee OA** *Chair: Argenson J. (France), Dodd C. (United Kingdom)*
14:00 - 14:07 *SY38-2118*	Mapping Evaluation and Treatment of articular defects *Strachan R. (United Kingdom)*
14:07 - 14:14 *SY38-2107*	Kinematic approach in designing Cruciate Ligaments Sparing knee joint arthroplasty *Catani F. (Italy)*
14:14 - 14:21 *SY38-2030*	Clinical and Kinematic Evaluation of Compartmental Arthroplasty *Barrett D. (United Kingdom)*
14:21 - 14:28 *SY38-2008*	ACL sparing solutions in the arthritic knee *Parratte S. (France)*
14:28 - 14:35 *SY38-2171*	Selective resurfacing of the lateral compartment *Porteous A. (United Kingdom)*
14:35 - 14:42 *SY38-2172*	Selective resurfacing of the medial compartment *Dodd C. (United Kingdom)*
14:42 - 14:49 *SY38-2211*	UKR or Hemicaps in selective osteoarthritis *Fuchs-Winkelmann Susanne (Germany)*
14:49 - 14:56 *SY38-2195*	The concept of balancing in selective knee arthroplasty *Eggli S. (Switzerland)*
14:56 - 15:03 *SY38-2170*	Selective compartmental arthroplasty of the knee *Thienpont E. (Belgium)*
15:03 - 15:10 *SY38-2026*	Bi-Unicompartmental knee arthroplasty *Confalonieri N. (Italy)*
15:10 - 15:30	**Discussion**
15:30 - 16:00	**Coffee break – visit industrial exhibition**

SCIENTIFIC PROGRAMME
Friday, June 11
ROOM 2 (SPEKTRUM)

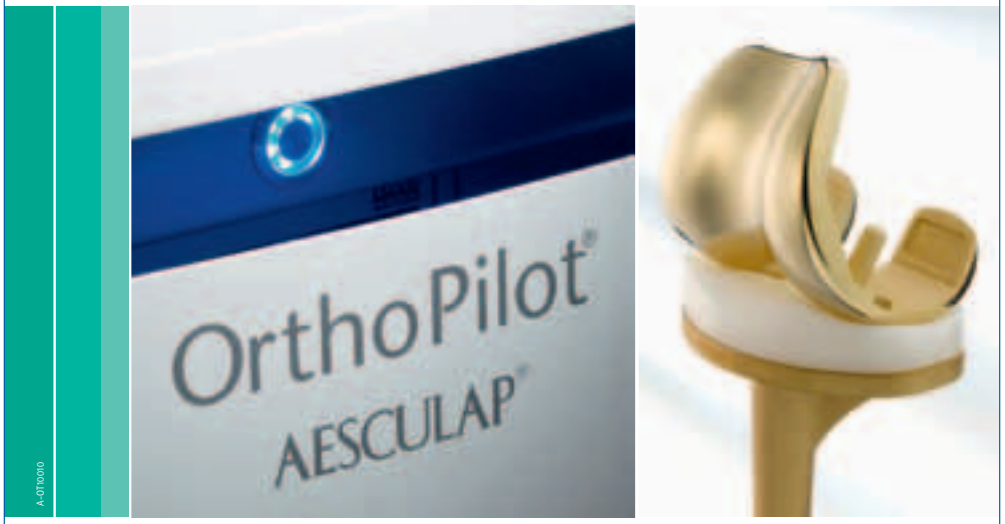
16:00 - 17:00	**Free papers: ACL IV** *Chair: Järvelä T. (Finland), Koch P. (Switzerland)*
16:00 - 16:05 *FP22-115*	Bilateral MRI results 9 years after implant free ACL reconstruction using BPT vs. hamstring grafts *Wipfler B. (Germany), Donner Stefanie, Zechmann C., Springer J., Siebold R., Pässler H.*
16:05 - 16:10 *FP22-963*	Comparison of functional results by koos after opening wedge osteotomies of varus knees with ruptured and intact ACL – a prospective study *Ekeland A. (Norway), Nerhus K., Dimmen S., Heir S.*
16:10 - 16:15 *FP22-939*	Clinical and radiological outcomes of postoperative septic arthritis after anterior cruciate ligament reconstruction *Monaco E. (Italy), Maestri B., Labianca L., Iorio R., Vadalà A., Ferretti A.*
16:15 - 16:20 *FP22-807*	Landmarks for tunnel positioning in single bundle and double-bundle ACL reconstructions *LaPrade R. (United States), Ziegler C., Pietrini S., Westerhaus B., Anderson C., Johansen S., Engebretsen L.*
16:20 - 16:30	**Discussion**
16:30 - 16:35 *FP22-918*	Allograft medial collateral ligament (MCL) reconstruction for chronic MCL deficient knees *Gardner E. (United Kingdom), Flynn N., Thomas N.*
16:35 - 16:40 *FP22-797*	Transparent 3D-CT evaluation of femoral tunnel angle in double-bundle anterior cruciate ligament reconstruction; trans-tibial vs. trans-portal technique *Iwame T. (Japan), Takeda Y., Takasago T., Kondo K., Goto T., Fujii K., Naruse A.*
16:40 - 16:45 *FP22-661*	Single and double bundle ACL reconstruction. Prospective rondomized study with mid-term (44 months) follow-up *Stefani G. (Italy), Marcoccio I., Mattiuzzo V., Patelli A., Prestini G.*
16:45 - 16:50 *FP22-744*	Increased posterior-inferior tibial slope (PITS) angle is not associated with higher risk for ACL-reconstruction *Kostogiannis I. (Sweden), Swärd P., Neuman P., Fridén T., Roos H.*
16:50 - 17:00	**Discussion**

17:00 - 18:00	**ESSKA SIGASCOT SIA: Double bundle ACL reconstruction: Techniques and outcomes** *Chair: Denti M. (Italy), Minola R. (Italy)*
17:00 - 17:10 *SY37-2017*	Antero-medial technique *Coari G. (Italy)*
17:10 - 17:20 *SY37-2137*	Out-in technique *Pederzini L. (Italy)*
17:20 - 17:30 *SY37-2088*	In-out out-in technique *Adravanti P. (Italy)*
17:30 - 17:40 *SY37-2206*	Transtibial technique *Volpi P. (Italy)*
17:40 - 17:50 *SY37-2033*	Clinical outcomes *Giron F. (Italy)*
17:50 - 18:00	**Discussion**

ROOM 3 (SPEKTRUM)

07:15 - 08:30	**ICL 11: Surgical anatomy of the foot and ankle** *Chair: Amis A. (United Kingdom), van Dijk C. (Netherlands)*
07:15 - 07:17 *ICL20-2265*	Introduction *Amis A. (United Kingdom)*
07:17 - 07:26 *ICL20-2266*	Achilles tendon *Maffulli N. (United Kingdom), Alam M. (United Kingdom)*
07:26 - 07:35 *ICL20-2267*	Ligaments around the ankle *Golano P. (Spain)*
07:35 - 07:44 *ICL20-2268*	Anterior arthroscopic anatomy of the ankle *van Dijk C. (Netherlands), de Leeuw P. (Netherlands)*
07:44 - 07:53 *ICL20-2271*	Surgical approaches to the ankle *van Dijk C. (Netherlands)*
07:53 - 08:02 *ICL20-2273*	The joints of the mid-foot *Calder J. (United Kingdom), Pearce C. (Germany)*
08:02 - 08:11 *ICL20-2272*	The joints of the forefoot *Ahearne D. (United Kingdom), Rosenfeld D.*
08:11 - 08:20 *ICL20-2270*	The relation between geometry and function of the ankle joint complex: a biomechanical review *Kleipool R. (Netherlands)*
08:20 - 08:30	**Discussion**
09:30 - 10:00	**Coffee break – visit industrial exhibition**
10:00 - 11:00	**Hip arthroscopy** *Chair: Randelli F. (Italy), Dienst M. (Germany)*
10:00 - 10:10 *SY49-2009*	Actual indications of hip arthroscopy: where we are *Randelli F. (Italy)*
10:10 - 10:20 *SY49-2068*	FAI Arthroscopic treatment: technique and limits *Dienst M. (Germany)*

10:00 - 11:00	**Hip arthroscopy**	***- continued***
10:20 - 10:30 *SY49-2001*	Acetabular labrum management: debridement or repair *Sadri H. (Switzerland)*	
10:30 - 10:40 *SY49-2041*	Condral lesions: indications for arthroscopic treatment and management *Boyer T. (France)*	
10:40 - 10:50 *SY49-2164*	Results of hip arthroscopy and return to sport activities in the athletes *Løken S. (Norway)*	
10:50 - 11:00	**Discussion**	
12:00 - 14:00	**Lunch break and lunch workshops (see page 182-184)**	
14:00 - 14:15	**Lecture** *Chair: Siebold R. (Germany)*	
L21-2073	The two year development of cartilage thickness, post traumatic bone marrow lesions and joint fluid volumes after acute ACL disruption - a longitudinal MRI study *Frobell R. (Sweden)*	
14:15 - 14:30	**Lecture** *Chair: Adravanti P. (Italy)*	
L24-2126	Navigation in total knee replacements *Becker R. (Germany)*	
14:30 - 15:30	**Poster Short Communication III** *Chair: Almqvist K. (Belgium), Randelli P. (Italy)*	
14:30 - 14:32 *SCP12-1136*	A prospective, randomized trial following conservative treatment in acute primary patellar dislocation with special reference to patellar braces *Mäenpää H. (Finland), Sillanpää P., Paakkala A.*	
14:32 - 14:34 *SCP12-1307*	Isolated medial patellar femoral ligament reconstruction for recurrent patella dislocation: a prospective cohort study *Ronga M. (Italy), Oliva F., Longo U., Testa V., Capasso G., Maffulli N.*	
14:34 - 14:36 *SCP12-1027*	Restraint of the meniscofemoral ligament to posterior tibial translation: a porcine model *Lertwanich P. (United States), Martins C., Kato Y., Ingham Sheila, Kramer S., Linde-Rosen Monica, Smolinski P., Fu F.*	



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14:30 - 15:30	**Poster Short Communication III** ***- continued***
14:36 - 14:38	The three-in-one procedure for recurrent dislocation of the patella in skeletally immature children and adolescents
SCP12-1334	*Ronga M. (Italy), Oliva F., Longo U., Testa V., Capasso G., Maffulli N.*
14:38 - 14:40	**Discussion**
14:40 - 14:42	Anatomic posterolateral corner reconstruction: a mid-term follow-up of 22 cases
SCP12-1150	*Boisrenoult P. (France), Pujol N., Beaufils P.*
14:42 - 14:44	A comparative study of 3 CT scan methods for bone loss evaluation in anterior-inferior shoulder instability (comparison of 3 methods)
SCP12-947	*Charousset C. (France), Bellaiche L.*
14:44 - 14:46	Effect of dependent versus independent suture tightening on the tendon-to-bone contact properties of double row rotator cuff repairs
SCP12-553	*Haber M. (Australia), Ball Karen, Demontfort D., Appleyard R.*
14:46 - 14:48	The pathology of anterior capsular mechanism in older patients with recurrent anterior shoulder dislocation in the absence of rotator cuff tears
SCP12-635	*Mizuno Naoko (Japan), Yoneda M., Nakagawa S., Hayashida K.*
14:48 - 14:50	**Discussion**
14:50 - 14:52	How did the rotator cuff tears (RCT) repaired by arthroscopy heal? (Validation of a new classification about 209 cases)
SCP12-653	*Charousset C. (France), Bellaiche L.*
14:52 - 14:54	Sports activity after anatomic total shoulder arthroplasty
SCP12-991	*Flury M. (Switzerland), Schumann Katrin, Schwyzer H., Goldhahn J.*
14:54 - 14:56	First episode of traumatic anterior shoulder dislocation: to wait or to repair?
SCP12-1263	*De Carli A. (Italy), Zanzotto E., Vadalà A., Mossa L., Ferretti A.*
14:56 - 14:58	Arthroscopic repair of cuff tears with associated lesions of the biceps tendon– technique and results after 3 years
SCP12-1293	*Heikenfeld R. (Germany), Listringhaus R., Godolias G.*
14:58 - 15:00	**Discussion**

15:00 - 15:02	The muscular endurance of knee flexors plays an important role in the global functional stability of a professional football player's body
SCP12-1052	*Hejna R. (Poland), Suchecka Zuzanna, Szczesny L., Piontek T., Ciemniewska-Gorzela Kinga, Szulc A.*
15:02 - 15:04	Posterior ankle impingement syndrome in ballet dancers: pathological conditions and treatment
SCP12-1111	*Hiraishi E. (Japan), Usami N., Ikezawa Hiroko, Waseda A.*
15:04 - 15:06	Restoration of terminal extension in high level athletes
SCP12-1378	*Blonna D. (Italy), O'Driscoll S.*
15:06 - 15:08	The "fifth ligament" of the knee: analysis of the static function of the popliteus tendon and evaluation of an anatomic reconstruction
SCP12-1025	*Wijdicks C. (United States), Wozniczka Jennifer, Stellmaker M., LaPrade R.*
15:08 - 15:10	**Discussion**
15:10 - 15:12	Patellar tendon vascularisation pattern after BPTB harvesting for ACL reconstruction. A new screening method for postoperative tendinopathies?
SCP12-990	*Seil R. (Luxembourg), Walter F., Pape D., Nührenbörger C., Winterberg Tesja, Theisen D.*
15:12 - 15:14	Proximal avulsion of all three hamstring tendons. Correlation between the result of operative treatment and the delay to surgery, the age of the patient, and the number of suture anchors used
SCP12-648	*Sarimo J. (Finland), Lempainen L., Mattila K., Orava S.*
15:14 - 15:16	Supracondylar fractures of the humerus in children – results of 10 years of surgical treatment
SCP12-1185	*Viçoso Sousa Fernandes Sofia Isabel (Portugal), Barbosa A., Fraga Ferreira J., Cerqueira R., Ferrero R., Correia Moreira A., Reis J.*
15:16 - 15:18	Diagnosis and results of posterior ankle arthroscopic surgery
SCP12-622	*Orava S. (Finland), Sarimo J., Lempainen L.*
15:18 - 15:20	**Discussion**
15:20 - 15:22	Open versus minimal invasive repair with Achillon device in the treatment of acute Achilles tendon ruptures
SCP12-327	*Kocaoglu B. (Turkey), Aktas S., Nalbantoglu U., Guven O.*
15:22 - 15:24	Bony realignment with reconstruction of dynamic and static stabilizer for posterior tibial tendon dysfunction
SCP12-428	*Narita N. (Japan), Takao M., Innami K., Komatsu F., Matsushita T.*

14:30 - 15:30 Poster Short Communication III ***- continued***

15:24 - 15:26 Mid-term results of arthroscopic capsular shrinkage for chronic lateral ankle instability
SCP12-923 *de Vries J. (Netherlands), Koning Annabel, Krips R., Blankevoort L., van Dijk C.*

15:26 - 15:28 Rehabilitation after surgery for recurrent lateral patellofemoral instability: results of a survey of members of the ESSKA Arthroscopy Committee
SCP12-1152 *Lynch A. (United States), Arendt Elizabeth, Dejour D., Zaffagnini S., Snyder-Mackler Lynn*

15:28 - 15:30 Discussion

15:30 - 16:00 Coffee break – visit industrial exhibition

16:00 - 18:00 National Award Winners
Chair: Djian P. (France), Seil R. (Luxembourg)

16:00 - 16:07 Peritendinous corticosteroid injections, eccentric decline squat training and heavy slow resistance training in patellar tendinopathy
AW11-2396 *Kongsgaard M. **(Denmark)**, Aagaard P., Doessing S., Hansen P., Kjaer M., Magnusson P.*

16:07 - 16:14 Graded exercise for recurrent low-back pain. A randomized, controlled trial with 6-, 12- and 36-month follow-ups
AW11-2394 *Rasmussen Barr Eva **(Sweden)**, Äng B., Arvidsson Inga, Nilsson-Wikmar Lena*

16:14 - 16:21 Comparison of tendon repair and physiotherapy in the treatment of small and medium-sized tears of the rotator cuff – a randomised study of 103 patients
AW11-248 *Moosmayer S. **(Norway)**, Lund Gerty, Seljom U., Svege Ida, Haldorsen B., Nerhus K., Kise Nina, Hennig T., Tariq R., Smith H.*

16:21 - 16:28 Massive tears of the rotator cuff - comparison of mini-open and arthroscopic techniques
AW11-2392 *Musil D. **(Czech Republic)**, Sadovsky P., Libor F.*

16:28 - 16:35 Clinical anatomy of the Ligamentum semicirculare humeri
AW11-2395 *Kask K. **(Estonia)**, Rahu M., Põldoja E., Busch L., Kolts I.*

16:35 - 16:42 Failed tibial plateau reconstruction in a young patient: What is the value of biological salvage
AW11-2399 *Verhelst L. **(Belgium)**, Vandekerckhove B., Liekens K., Verdonk P., Almqvist K., Verdonk R.*

16:42 - 16:49 Arthroscopy in hip prostheses: preliminary results
AW11-2402 *Cuéllar R. **(Germany)**, Aguinaga I., Ponte J.*

SCIENTIFIC PROGRAMME
Friday, June 11
ROOM 3 (SPEKTRUM)

16:49 - 16:56 Primary stability of valgus producing open-wedge high tibial osteotomies depends on surgical technique and plate design
AW11-2403 *Pape D. **(Luxembourg)**, Lorbach O., Seil R.*

16:56 - 17:03 Recombinant Human Fibroblast Growth Factor-18 combined with a biphasic collagen/GAG scaffold produces superior articular cartilage compared with BMP-7 in an ovine osteochondral defect model.
AW11-2413 *Getgood A. **(United Kingdom)**, Henson F., Lynn A., Guehring H., Brooks R., Rushton N.*

17:03 - 17:10 An engineered cartilaginous tissue: in vitro and in vivo study
AW11-2397 *Mangiavini Laura **(Italy)**, Scotti C., Sosio C., Pozzi A., Vitari F., Boschetti F., Domeneghini Cinzia, Fraschini G., Peretti G.*

17:10 - 17:17 Treatment of isolated femoral cartilage lesions by autologus chondrocytes implantation mixed into a biomaterial following the cartipatch technique: Prospective multicentric study conducted on 20 patients. 2 and 4 years follow-up results
AW11-2398 *Potel J. **(France)**, Selmi T., Barnouin Laurence, Chambat P., Dubrana F., Neyret P.*

17:17 - 17:24 Articular Cartilage Repair by Genetically Modified Bone Marrow Aspirate
AW11-2393 *Ivkovic A. **(Croatia)**, Pascher A., Hudetz D., Maticic D., Jelic M., Dickinson S., Haspl M., Windhager R., Pecina M.*

17:24 - 17:31 Mosaicplasty on horses - examination of donor site refilling, cartilage rebuilding and graft-survival
AW11-616 *Vásárhelyi G. **(Hungary)**, Hangody L., Bodó G., Módis L.*

17:31 - 17:38 Arthroscopically assisted meniscal allograft transplantation in the knee: a medium-term subjective, clinical and radiographical outcome evaluation
AW11-465 *Vundelinckx B. **(Belgium)**, Vanlauwe J., Bellemans J.*

17:38 - 17:45 Double bundle reconstruction cannot restore intact knee kinematics in the ACL/LCL deficient knee
AW11-2400 *Zantop T. **(Germany)**, Schuhmacher T., Schanz S., Petersen W.*

17:45 - 17:52 ACL double bundle reconstruction. Results - one year follow-up
AW11-878 *Fraga Ferreira J. **(Portugal)**, Ferrero R., Cerqueira R., Viçoso Sousa Fernandes Sofia Isabel, Barbosa T., Basto T., Lourenço J.*

17:52 - 18:00 The role of contrast-enhanced MRI in evaluation of the revascularization process of bone-patellar tendon-bone autograft after arthroscopic ACL reconstruction
AW11-1140 *Ntoulia Aikaterini **(Greece)**, Ristanis S., Moraiti C., Papadopoulou F., Argyropoulou M., Georgoulis A.*

ROOM 4 (SPEKTRUM)

07:15 - 08:30	**ICL 12: Perioperative problems in TKA** *Chair: Adravanti P. (Italy), Briard J. (France)*
07:15 - 07:30 *ICL21-2149*	Perioperative indicators for high vs low patient satisfaction after TKA *Argenson J. (France)*
07:30 - 07:45 *ICL21-2138*	Pain control techniques for a better functional recovery *Adravanti P. (Italy)*
07:45 - 08:00 *ICL21-2112*	Limiting intra and periarticular bleeding after TKA *Barrett D. (United Kingdom)*
08:00 - 08:15 *ICL21-2178*	Skin complications: Diagnosis, treatment and prevention *Briard J. (France)*
08:15 - 10:00	**Discussion**
09:30 - 10:00	**Coffee break – visit industrial exhibition**
10:00 - 11:00	**Free papers: Cartilage II** *Chair: Knutsen G. (Norway), Kon Elizaveta (Italy)*
10:00 - 10:05 *FP23-1473*	The intra-articular location is a predictive factor for the outcome of natural history cartilage filling and subchondral bone changes in a chondral defect. A randomized, blinded, long term follow-up trial in 82 rabbit knees *Heir S. (Norway), Årøen A., Løken S., Sulheim S., Engebretsen L., Reinholt F.*
10:05 - 10:10 *FP23-1405*	Biochemical MRI evaluation of surrounding articular cartilage in knees with a focal cartilage defect using T2 mapping and d´GEMRIC *Årøen A. (Norway), Mamisch T., Røtterud J., Engebretsen L., Risberg May Arna*
10:10 - 10:15 *FP23-832*	Effects of a surface matching articular resurfacing device on tibiofemoral contact pressure: results from continuous dynamic flexion-extension cycles *Becher C. (Germany), Huber R., Thermann H., Ezechieli L., Ostermeier S., Wellmann M., Skrbensky G.*
10:15 - 10:20 *FP23-419*	Development of a new viability assay for advanced cell therapies and tissue engineering products *Wang Y. (United States), Dono Dhurata, Duguid J., Duguay S.*
10:20 - 10:30	**Discussion**

SCIENTIFIC PROGRAMME
Friday, June 11
ROOM 4 (SPEKTRUM)

10:30 - 10:35 *FP23-372*	The purity of alginate influences the proliferation, viability and synthesis of proteoglycans of encapsulated primary chondrocytes *Heiligenstein Susanne (Germany), Bohle R., Kohn D., Madry H.*
10:35 - 10:40 *FP23-243*	Prospects of longitudinal evaluation of cartilage after osteochondral autogenous transfer with delayed gadolinium-enhanced MRI of cartilage (dGEMRIC) *Shirai T. (Japan), Kobayashi M., Nakamura S., Arai R., Nishitani K., Satake T., Kamae T., Okada T., Burstein Deborah, Dahlberg L., Kuroki H., Nakagawa Y., Nakamura S.*
10:40 - 10:45 *FP23-717*	Searching for the optimal composition-the effect of cellular passage, quantity and in vitro 3-D culturing time on gene expression profiles before and after autologous chondrocyte transplantation in a leprine animal model *Salzmann G. (Germany), Sauerschnig M., Berninger M., Suetfels Theresa, Südkamp N., Imhoff A., Schöttle P.*
10:45 - 10:50 *FP23-390*	Autologous chondrocyte implantation for the treatment of cartilage lesions of the knee. A systematic review *Vasiliadis H. (Greece), Wasiak J., Salanti Georgia*
10:50 - 11:00	**Discussion**
12:00 - 14:00	**Lunch break and lunch workshops (see page 182-184)**
14:00 - 15:30	**ESSKA EFOST: ACL decision-making in high level athletes: Planning-surgery-rehabilitation** *Chair: Klos B. (Netherlands), Espregueira-Mendes J. (Portugal)*
14:00 - 14:08 *SY26-2097*	Introduction & Epidemiology ACL lesions *Huylebroek J. (Belgium)*
14:08 - 14:16 *SY26-2053*	Do we need mandatory to reconstruct the ACL? *Espregueira-Mendes J. (Portugal)*
14:16 - 14:24 *SY26-2067*	Factors influencing the choice of the graft (gender, sports etc.) *Bollen S. (United Kingdom)*
14:24 - 14:32 *SY26-2104*	Is DB useful? *Mayr H. (Germany)*
14:32 - 14:40 *SY26-2215*	IT band ACL reconstructions in high level athletes *Schlatterer B. (Monaco)*
14:40 - 14:48 *SY26-2202*	Timing of ACL repair *Kelberine F. (France)*

14:00 - 15:30	**ESSKA EFOST: ACL decision-making in high level athletes: Planning-surgery-rehabilitation** ***- continued***
14:48 - 14:56 *SY26-2044*	Criteria to resume to sport (practice and field) *Benazzo F. (Italy)*
14:56 - 15:04 *SY26-2218*	What is the rationale to prevent ACL injury? *Bahr R. (Norway)*
15:04 - 15:12 *SY26-2120*	Med collateral ligament procedures in ACL reconstruction *Doral M. (Turkey)*
15:12 - 15:20 *SY26-2139*	Partial ACL/conservative treatment?/growth factors *Monllau J. (Spain)*
15:20 - 15:30	**Discussion**
15:30 - 16:00	**Coffee break – visit industrial exhibition**
16:00 - 17:00	**ACL double-bundle reconstruction: a critical appraisal** *Chair: Siebold R. (Germany), Zantop T. (Germany)*
16:00 - 16:10 *SY32-2337*	Biomechanical background of ACL and measurement of rotation in vivo *Bull A. (United Kingdom)*
16:10 - 16:20 *SY32-2338*	ACL reconstruction: Single- or Double-Bundle reconstruction. A critical appraisal of evidence *Karlsson J. (Sweden)*
16:20 - 16:30 *SY32-2339*	How the anatomical Double Bundle concept influenced my way of Single Bundle ACL reconstruction *Lubowitz J. (United States)*
16:30 - 16:40 *SY32-2340*	Surgical revision of Double Bundle ACL reconstruction *Eichhorn H. (Germany)*
16:40 - 17:00	**Discussion**

SCIENTIFIC PROGRAMME
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ROOM 4 (SPEKTRUM)

17:00 - 18:00	**Symposium: Back to basics: Lateral epicondylitis of the elbow. Conservative and surgical treatment** *Chair: Randelli P. (Italy), Mikek M. (Slovenia)*
17:00 - 17:08 *SY14-2061*	Etiology, Clinical and Radiological evaluation *Mikek M. (Slovenia)*
17:08 - 17:16 *SY14-2042*	Conservative treatment *Arrigoni P. (Italy)*
17:16 - 17:24 *SY14-2210*	Treatment with Growth factors *Mishra A. (United States)*
17:24 - 17:32 *SY14-2109*	Lateral Epicondylitis: advantages and pitfalls of the open and arthroscopic treatments *Kamineni S. (United States)*
17:32 - 17:40 *SY14-2128*	New Arthroscopic Techniques *Guillo S. (France)*
17:40 - 17:48 *SY14-2021*	Arthroscopic Treatment *Pederzini L. (Italy)*
17:48 - 18:00	**Discussion**

ROOM 5 (SPEKTRUM)

07:15 - 08:30	**ICL 10: Wrist arthroscopy - possibilities and limitations ESSKA EWAS** *Chair: Haugstvedt J. (Norway), Messina Jane (Italy)*
07:15 - 07:25 *ICL19-2306*	TFCC tears, more complex as previous, new classification *Pegoli L. (Italy), Atzei Andrea, Luccetti R.*
07:25 - 07:35 *ICL19-2308*	Scapho-lunate lesions: A new arthroscopic clasification and novelties in treatment *Messina Jane (Italy), Luccetti R., Lindau T., Mathoulin C.*
07:35 - 07:45 *ICL19-2307*	Arthroscopic Interposition of 1st CMC joint *Liverneaux P. (France), Mathoulin C.*
07:45 - 07:55 *ICL19-2309*	Wrist arthrosscopy in classification and treatment of DRU-joint instability *Wallmon A. (Sweden)*
07:55 - 08:05 *ICL19-2304*	Arthroscopic Wrist arthrolysis *Lubiatowski P. (Poland)*
08:05 - 08:15 *ICL19-2305*	Complications of wrist arthroscopy *Baur Eva-Maria (Germany), Leclercq Caroline*
08:15 - 08:30	**Discussion**
09:30 - 10:00	**Coffee break – visit industrial exhibition (see page 182-184)**
10:00 - 11:00	**Free papers: Injury prevention** *Chair: Muellner T. (Austria), Kerkhoffs G. (Netherlands)*
10:00 - 10:05 *FP26-1371*	Can ultrasound changes in the patellar tendon predict who will develop Jumper's knee? Data from the patellar tendinopathy cohort 2007-2009 *Visnes H. (Norway), Tegnander A., Bahr R.*
10:05 - 10:10 *FP26-97*	Eccentric strength training is effective in preventing hamstring injuries in football: a cluster-randomised trial including 942 football players *Petersen J. (Denmark), Thorborg K., Nielsen M., Budtz-Jørgensen E., Hölmich P.*
10:10 - 10:15 *FP26-298*	Is postural control a risk factor for ankle injuries in professional soccer players? *Witvrouw E. (Belgium), Van De Steene Fabienne, Rogiers Nike, Van der Auwermeulen B., Wezenbeek Evi*

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10:00 - 11:00	**Free papers: Injury prevention** ***- continued***
10:15 - 10:20 *FP26-664*	Injury characteristics and risk factors in young soccer players *Frisch Anne (Luxembourg), Croisier J., Windal T., Urhausen A., Seil R., Theisen D.*
10:20 - 10:30	**Discussion**
10:30 - 10:35 *FP26-488*	Extreme heat conditions may increase the incidence of injuries in soccer *Binnet M. (Turkey), Kurdak S., Özgünen K., Maughan R., Ersöz Gülfem*
10:35 - 10:40 *FP26-311*	Changes in ankle joint position sense in elite female handball-players as a result of a special injury-prevention training *Kynsburg Á. (Austria), Pánics G., Halasi T., Tallay A.*
10:40 - 10:45 *FP26-1219*	The effect of strengthening on function and quality of life in elderly individuals *Briem Kristin (Iceland), Geirsdottir Olof.G., Thorsdottir Inga*
10:45 - 10:50 *FP26-992*	Epidemiology of sports injuries in a Luxembourgish sport school: a prospective follow-up *Theisen D. (Luxembourg), Frisch Anne, Windal T., Urhausen A., Seil R.*
10:50 - 11:00	**Discussion**
12:00 - 14:00	**Lunch break and lunch workshops (see page 182-184)**
14:00 - 14:15	**Lecture** *Chair: Cugat Bertomeu R. (Spain)*
L15-2187	Surgical treatment of PCL and PLC injuries; what are the indications? *Djian P. (France)*
14:15 - 14:30	**Lecture** *Chair: Hantes M. (Greece)*
L16-2054	Effect of ACL reconstruction techniques on growth factors release *Denti M. (Italy), de Girolamo Laura, Randelli P., Volpi P.*
14:30 - 15:30	**Integration Commitee: Biologic approach to ligament and tendon healing** *Chair: Havlas V. (Czech Republic), Smigielski R. (Poland)*
14:30 - 14:42 *SY27-2150*	Conservative vs. surgical treatment of muscle injuries *Smigielski R. (Poland)*

SCIENTIFIC PROGRAMME
Friday, June 11
ROOM 5 (SPEKTRUM)

14:42 - 14:54 *SY27-2213*	Updates on Anatomy and Biomechanics of Medial Knee Injuries *Griffith C. (United States)*
14:54 - 15:06 *SY27-2003*	Achilles tendon oversuse conditions; chronic and acute injury treatment options overview *Tallay A. (Hungary)*
15:06 - 15:18 *SY27-2060*	Estonia: Biologic aproach to meniscal treatment *Rahu M. (Estonia)*
15:18 - 15:30	**Discussion**
15:30 - 16:00	**Coffee break – visit industrial exhibition**
16:00 - 16:30	**Free papers: Shoulder III** *Chair: Antonogiannakis E. (Greece), Guillo S. (France)*
16:00 - 16:05 *FP33-375*	Validation of a new three-dimensional gyroscope for objective assessment of shoulder mobility *El-Zayat B. (Germany), Efe T., Anetsman R., Heidrich Annett, Timmesfeld Nina, Fuchs-Winkelmann Susanne, Schofer M.*
16:05 - 16:10 *FP33-1053*	Home rehabilitation vs supervised approach following arthroscopic full thickness rotator cuff repair surgery. A randomized control trial *Osti L. (Italy), Papalia R., Del Buono A., Amato C., Maffulli Nicola, Denaro V.*
16:10 - 16:15 *FP33-1373*	Contribution of the supraspinatus to the external rotator lag sign: kinematic and electromyographic pattern in an in vivo model *Blonna D. (Italy), Tellini Alessandra, Bonasia D., Maiello A., Rossi R., Castoldi F.*
16:15 - 16:20 *FP33-377*	The frequency of subscapularis lesions in rotator cuff tears: comparison of arthroscopic findings and MRI results *Garavaglia G. (Switzerland), Ufenast H., Taverna E.*
16:20 - 16:30	**Discussion**
16:30 - 16:45	**Lecture** *Chair: Menetrey J. (Switzerland)*
L13-2072	Genetic markers in achilles tendonitis and ACL injuries *van Der Merwe W. (South Africa)*

16:45 - 17:00	**Lecture** *Chair: Arendt Elizabeth (United States)*
L10-2122	MPFL reconstruction: isometry or "anatomometry"? *Servien Elvire (France)*
17:00 - 18:00	**Sport Specific: Tennis injuries – Will their character change as the demands increase?** *Chair: Renström P. (Sweden), Dines D. (United States)*
17:00 - 17:08 *SY42-2048*	Demands and injuries in tennis *Renström P. (Sweden)*
17:08 - 17:20 *SY42-2174*	Shoulder injuries and the increasing demand *Dines D. (United States)*
17:20 - 17:28 *SY42-2023*	Asymmetrical loading of spinal injuries - prevention *Dani V. (Hungary)*
17:28 - 17:36 *SY42-2194*	Tendinopathies in tennis – new techniques *Rymarczyk A. (Poland)*
17:36 - 17:44 *SY42-2075*	How can we decrease the demands *Dines D. (United States)*
17:44 - 17:50 *SY42-2156*	Prevention *Renström P. (Sweden)*
17:50 - 18:00	**Discussion**

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ROOM 6 (HOTEL)

07:15 - 08:30	**ICL 09: Athletes Shoulder** **ESSKA AGA** *Chair: Imhoff A. (Germany), Agneskirchner J. (Germany)*
07:15 - 07:27 *ICL18-2153*	Posterosuperior Impingment (PSI) and Anterosuperior Impingement (ASI) *Agneskirchner J. (Germany)*
07:27 - 07:39 *ICL18-2140*	Partial Articular Side Lesion (PASTA) - debridement vs repair *Glanzmann M. (Switzerland)*
07:39 - 07:51 *ICL18-2158*	Pulley Lesion and Biceps Dislocation – tenotomy or tenodesis *Scheibel M. (Germany)*
07:51 - 08:03 *ICL18-2124*	Multidirectional Laxity (MDI vs Laxity) - what is normal in overhead athletes *Beitzel K. (Germany)*
08:03 - 08:15 *ICL18-2025*	Biologic resurfacing of the shoulder joint (Matrix assisted transplantation and Labrum Transplantation) *Imhoff A. (Germany)*
08:15 - 08:30	**Discussion**

14:00 - 15:30	**ECOSEP: Update on hot topics in sports and exercise medicine** *Chair: King J. (Greece), Maffulli N. (United Kingdom)*
14:00 - 14:10 *SY54-2325*	Why ECOSEP *King J. (Greece)*
14:10 - 14:25 *SY54-2324*	Italy Sports cardiology *Rogers R. (UK)*
14:25 - 14:40 *SY54-2326*	Tendinopathy *Maffulli N. (United Kingdom)*
14:40 - 14:55 *SY54-2327*	Functional assessment of the musculoskeletal system *Barkaouskas D. (Germany)*
14:55 - 15:10 *SY54-2328*	Hamstring injuries *Malliaropoulos N. (Germany)*
15:10 - 15:30	**Discussion**

07.25 and 14.00 Subway transportation to the Sport Medicine Clinic Hjelp24NIMI and Olympic Centre
Meeting point: Information desk at the Radisson Blu Plaza Hotel (next to the reception).

OLYMPIC CENTRE

Subway transportation: Subway 3 from Jernbanetorget to Sognsvann: 19 minutes.

08:00 - 08:45 *PTW14*	**PT 05: Exercise therapy for patients with patella tendinopathy** *Chair: Frohm Anna (Sweden)*
08:00 - 08:45 *PTW15*	**PT 06: Lower extremity muscle strength training; principles and criteria for progression** *Chair: Jaeger Hansen K. (Norway), Augustsson J. (Sweden)*
08:45 - 09:30 *PTW23*	**PT 01a: Exercise program for the prevention of ACL injuries** *Chair: Myklebust Grete (Norway), Steffen Katrin (Norway)*
08:45 - 09:30 *PTW22*	**PT 05a: Exercise therapy for patients with patella tendinopathy** *Chair: Anna Frohm (Sweden)*
14:30 - 15:15 *PTW18*	**PT 09: Exercise therapy for patients with patella tendinopathy** *Chair: Frohm Anna (Sweden)*
14:30 - 15:15 *PW19*	**PT 10: Lower extremity muscle strength training; principles and criteria for progression** *Chair: Augustsson J. (Sweden), Jaeger Hansen K. (Norway)*

SPORT MEDICINE CLINIC

Subway transportation: Subway 3 from Jernbanetorget to Ullevaal Stadion: 11 minutes.

08:00 - 08:45 *PTW16*	**PT 07: Exercise therapy for patients with shoulder dysfunctions** *Chair: Cools Ann M. (Belgium), Fredriksen Hilde (Norway)*
08:00 - 08:45 *PTW17*	**PT 08: Intensive rehabilitation program for patients with ACL injury** *Chair: Eitzen Ingrid (Norway), Moksnes H. (Norway)*
08:45 - 09:30 *PTW24*	**PT 04a: Exercise therapy for patients with shoulder dysfunctions** *Chair: Cools Ann M. (Belgium), Fredriksen Hilde (Norway)*
08:45 - 09:30 *PTW25*	**PT 12a: Intensive rehabilitation program for patients with ACL injury** *Chair: Moksnes H. (Norway), Eitzen Ingrid (Norway)*
14:30 - 15:15 *PTW20*	**PT 11: Exercise therapy for patients with shoulder dysfunctions** *Chair: Cools Ann M. (Belgium), Fredriksen Hilde (Norway)*
14:30 - 15:15 *PTW21*	**PT 12: Intensive rehabilitation program for patients with ACL injury** *Chair: Moksnes H. (Norway), Eitzen Ingrid (Norway)*

TIMETABLE, Saturday, June 12, 2010

Time	Plenary (Hotel)	Room 2 (Spektrum)	Room 3 (Spektrum)
7.30	ICL 13: Current Concepts on the Treatment of Medial Knee Injuries	ICL 15: Current challenges in cartilage repair	ICL 18: Laxity measurements - correlation between laxity and knee function; clinical implications and future consideration
7.45			
8.00			
8.15			
8.30			
8.45			
8.50	Lecture by Marc Safran		
9.00	Awards presentation		
9.15	Presentation ESSKA 2012		
9.30	Special Guest Lecture by Rocky Tuan: Stem cells for cartilage repair		
9.45			
10.00	Coffee break	Coffee break	
10.15			
10.30	ACL register: What is new and how can it be used?	The painful TKA	Achilles tendon study group Achilles Tendinopathy
10.45			
10.50			
11.00			
11.10			
11.15	Osteoarthritis in the active 40 +, options and expectations		
11.20			
11.30		Degenerative meniscus tear - to operate or not	
11.40			
11.45		Comparative kinematics between the native knee and total knee arthroplasty	
11.50			
12.00	Special concerns in ACL repair in high level athletes	Management of Isolated Patello-Femoral Arthrosis	ESSKA SFA: The lateral meniscus revisited
12.10			
12.15			
12.20			
12.30			
12.40			
12.45			
12.50			
13.00	Closing Ceremony		
13.15			
13.30			
13.45			
14.00			

Symposium
Lecture
Highlight Lecture
Awards
Break

TIMETABLE, Saturday, June 12, 2010

Room 4 (Spektrum)	Room 5 (Spektrum)	Room 6 (Hotel)	Room 7 / Base I Holmenkollen / Oslofjord	Time
ICL 16: Improving accuracy in TKA	ICL 17: How to design and include patients in your clinical study	ICL 14: Rotator cuff repair		7.30
				7.45
				8.00
				8.15
				8.30
				8.45
				8.50
				9.00
				9.15
				9.30
				9.45
Coffee break		Coffee break		10.00
				10.15
ESSKA AGA: Patella		Formula 1 medicine		10.30
		Postarthroscopic Osteonecrosis: fact or fiction		10.45
				10.50
		Treatment of cartilage lesions with mesenchymal stem cells		11.00
				11.10
		Postero-lateral surgical technique		11.15
				11.20
		Bone – patellar Tendon – Bone Harvesting: Mini Invasive Technique		11.30
				11.40
		Surgical approach to anterior-inferior shoulder instability		11.45
				11.50
Hype or reality: The use of autologius platelet rich plasma growth factors in musculo-skeletal injuries		U-45 Committee: Rotator Cuff Repair and Bio-technology		12.00
				12.10
Patello-femoral imaging				12.15
				12.20
Neovascularity in tendons: a red herring?				12.30
				12.40
Is it possible to prevent osteo-arthritis after an ACL injury?				12.45
				12.50
				13.00
				13.15
				13.30
				13.45
				14.00

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PLENARY (HOTEL)

07:30 - 08:45	**ICL 13: Current Concepts on the Treatment of Medial Knee Injuries** *Chair: LaPrade R. (United States), Engebretsen L. (Norway)*
07:30 - 07:40 *ICL22-2098*	Introduction, Anatomy, and Diagnosis of Medial Knee Injuries *LaPrade R. (United States)*
07:40 - 07:55 *ICL22-2036*	Clinically relevant Biomechanics of the Medial Knee *Griffith C. (United States)*
07:55 - 08:10 *ICL22-2010*	Acute Repairs and Nonoperative Treatment of Medial Knee Injuries *Engebretsen L. (Norway)*
08:10 - 08:25 *ICL22-2208*	Treatment of Chronic Medial Knee Injuries-Osteotomies and Reconstructions *Johansen S. (Norway)*
08:25 - 08:35 *ICL22-2160*	Rehabilitation Issues for Medial knee Injuries *Monson Jill (United States)*
08:35 - 08:45	**Discussion**
08:45 - 08:55	**Specially invited lecture** *Chair: Menetrey J. (Switzerland)*
L38-2430	Elbow arthroscopy: Tips and Pearls *Safran M. (USA)*
09:00 - 09:15	**Awards presentation** *Chair: Espregueira-Mendes J. (Portugal)*

- Best Poster Awards - sponsored by ESSKA
- Young Researcher Award sponsored by The Nicola's Foundation
- Best Paper in Ligament and Biomechanics sponsored by Smith & Nephew Inc.
- Porto Award
- Star Paper - Theo Van Rens Award sponsored by ESSKA
- Research Grant in Sports Traumatology and Rehabilitation sponsored by DJO

09:15 - 09:30	**Presentation ESSKA 2012** *Chair: Fritschy D. (Switzerland), Menetrey J. (Switzerland)*

SCIENTIFIC PROGRAMME
Saturday, June 12
PLENARY (HOTEL)

09:30 - 10:00	**Special Guest Lecture** *Chair: Madry H. (Germany)*
L26-2180	Stem cells for cartilage repair *Tuan R. (United States)*
10:00 - 10:30	**Coffee break, visit industrial exhibition**
10:30 - 11:15	**ACL register: What is new and how can it be used?** *Chair: Lind M. (Denmark), Forssblad M. (Sweden)*
10:30 - 10:35 *SY40-2103*	Introduktion: Scandinavian register status *Lind M. (Denmark)*
10:35 - 10:41 *SY40-2055*	Effects of Age and Gender on ACL reconstruction outcome *Forssblad M. (Sweden)*
10:41 - 10:47 *SY40-2056*	Effects of cartilage and meniscus injuries on ACL reconstruction outcome *Granan L. (Norway)*
10:47 - 10:53 *SY40-2057*	Effects of techniques and implant choice on ACL reconstruction outcome Graft and fixation *Forssblad M. (Sweden)*
10:53 - 10:59 *SY40-2135*	Outcome after ACL Revision *Lind M. (Denmark)*
10:59 - 11:05 *SY40-2070*	Future perspectives *Forssblad M. (Sweden)*
11:05 - 11:15	**Discussion**
11:15 - 12:00	**Osteoarthritis in the active 40 +, options and expectations** *Chair: Eriksson K. (Sweden), Muellner T. (Austria)*
11:15 - 11:23 *SY33-2234*	Is it possible to reduce the risk of posttraumatic OA *Roos H. (Sweden)*
11:23 - 11:31 *SY33-2233*	Is it possible to reduce the progression of symptomatic knee OA? *Risberg May Arna (Norway)*

11:15 - 12:00	**Osteoarthritis in the active 40 +, options and expectations** ***- continued***
11:31 - 11:41 *SY33-2228*	Surgical options before the prosthesis, osteotomies and.... is there any role for arthroscopy *Muellner T. (Austria)*
11:41 - 11:49 *SY33-2235*	Joint replacement in the active 40+, options and expectations *Backstein D. (Canada)*
11:49 - 12:00	**Discussion**
12:00 - 13:00	**Special concerns in ACL repair in high level athletes** *Chair: Espregueira-Mendes J. (Portugal), Karahan M. (Turkey)*
12:00 - 12:02 *SY55-2374*	Introduction *Espregueira-Mendes J. (Portugal)*
12:02 - 12:10 *SY55-2375*	Biomechanics of the ACL and their substitutes - importance of internal rotation in athletes *Handl M. (Czech Republic)*
12:10 - 12:18 *SY55-2377*	What type of graft to be used in professional athletes *Volpi P. (Italy)*
12:18 - 12:26 *SY55-2376*	ACL and meniscus repair in high level athletes *Cohen M. (Brazil)*
12:26 - 12:34 *SY55-2378*	ACL and meniscus transplant in athletes *Monllau J. (Spain)*
12:34 - 12:42 *SY55-2379*	ACL revision in high level athletes -strategy *Thomas N. (United Kingdom)*
12:42 - 12:50 *SY55-2380*	Return to sports in ACL injuries in high level athletes *Huylebroek J. (Belgium)*
12:50 - 13:00	**Discussion**
13:00 - 13:15	**Closing Ceremony** *Engebretsen L. (Norway)*

ROOM 2 (SPEKTRUM)

07:30 - 08:45	**ICL 15: Current challenges in cartilage repair** **Cartilage Committee** *Chair: Madry H. (Germany), Peretti G. (Italy)*
07:30 - 07:42 *ICL24-2279*	MRI evaluation of articular cartilage repair *Marlovits S. (Austria)*
07:42 - 07:54 *ICL24-2280*	Scaffolds for articular cartilage repair *Kon Elizaveta (Italy)*
07:54 - 08:06 *ICL24-2281*	Biomechanical evaluation of cartilage repair *Handl M. (Czech Republic)*
08:06 - 08:18 *ICL24-2282*	Lesions that go deep into the bone: what to do? *Almqvist K. (Belgium)*
08:18 - 08:30 *ICL24-2283*	Failed articular cartilage repair: what to do? *Brittberg M. (Sweden)*
08:30 - 08:42 *ICL24-2284*	Pre-and post-operative rehabilitation after articular cartilage repair *Risberg May Arna (Norway)*
08:42 - 08:45	**Discussion**
10:00 - 10:30	**Coffee break, visit industrial exhibition**
10:30 - 11:30	**The painful TKA** *Chair: Bonnin M. (France), Hofmann S. (Austria)*
10:30 - 10:40 *SY34-2217*	What is a normal pain after TKA? *Bonnin M. (France)*
10:40 - 10:50 *SY34-2080*	Imaging of a painful TKA *Romero J. (Switzerland)*
10:50 - 11:00 *SY34-2028*	Causes of failure and etiologies of painful TKA *Seil R. (Luxembourg)*
11:00 - 11:10 *SY34-2049*	Diagnostic algorithm for painful TKA *Hofmann S. (Austria)*

10:30 - 11:30	**The painful TKA** ***- continued***
11:10 - 11:20 *SY34-2165*	Results of revision TKA for "Unexplained pain" *Parratte S. (France)*
11:20 - 11:30	**Discussion**
11:30 - 11:45	**Lecture** *Chair: Verdonk R. (Belgium)*
L30-2047	Degenerative meniscus tear - to operate or not *Järvinen T. (Finland)*
11:45 - 12:00	**Lecture** *Chair: Bonnin M. (France)*
L31-2038	Comparative kinematics between the native knee and total knee arthroplasty *Victor J. (Belgium)*
12:00 - 13:00	**Management of Isolated Patello-Femoral Arthrosis** *Chair: Montserrat F. (Spain), Beaufils P. (France)*
12:00 - 12:03 *SY39-2317*	Presentation of general IPF questionnaire *Montserrat F. (Spain)*
12:03 - 12:10 *SY39-2318*	Etiological factors for PF arthrosis *Déjour D. (France)*
12:10 - 12:17 *SY39-2319*	Management of PF instability *Neyret P. (France)*
12:17 - 12:23 *SY39-2320*	Non prosthetic treatment of PF arthrosis *Montserrat F. (Spain)*
12:23 - 12:26 *SY39-2321*	Patellofemoral Arthroplasty questionnaire *Beaufils P. (France)*
12:26 - 12:31 *SY39-2322*	Distal bony torsion in patella-femoral osteoarthritis *Beaufils P. (France)*
12:31 - 12:38 *SY39-2323*	Restoration of normal kinematics and stability by patellofemoral joint arthroplasty *Amis A. (United Kingdom)*
12:38 - 12:45 *SY39-2391*	Lessons from 21 years experience of Patellofemoral Arthroplasty *Ackroyd C. (United Kingdom)*
12:45 - 13:00	**Discussion**

Plenary (Hotel)	
13:00 - 13:15	**Closing Ceremony**

ROOM 3 (SPEKTRUM)

07:30 - 08:45	**ICL 18: Laxity measurements - correlation between laxity and knee function; clinical implications and future consideration** *Chair: Déjour D. (France), Seil R. (Luxembourg)*
07:30 - 07:32 *ICL27-2381*	Introduction *Déjour D. (France)*
07:32 - 07:39 *ICL27-2257*	Laxity measurements in Europe *Luciani J. (France), Lorbach O. (Germany)*
07:39 - 07:46 *ICL27-2382*	Measurement of tibia rotation and laxity with Radiostereometry (RSA) in patients with acute or chronic ACL injuries *Karlsson J. (Sweden)*
07:46 - 07:53 *ICL27-2258*	Prospective study : Rolimeter versus Telos correlation to the video-arthroscopic analysis *Déjour D. (France), Panisset J. (France)*
07:53 - 08:00 *ICL27-2259*	Radiographic knee laxity evaluation: what to measure? *Déjour D. (France), Panisset J. (France)*
08:00 - 08:07 *ICL27-2260*	Measurement of AP translation of the knee at a defined rotational torque *Mayr H. (Germany)*
08:07 - 08:14 *ICL27-2261*	Instrumented evaluation of rotational knee laxity by assessing tibio-femoral rotation *Lorbach O. (Germany), Seil R.*
08:14 - 08:21 *ICL27-2263*	Laxity evaluation and navigation *Colombet P. (France)*
08:21 - 08:35 *ICL27-2262*	Rotational laxity measurements with MRI *Espregueira-Mendes J. (Portugal), Déjour D. (France)*
08:35 - 08:45	**Summary**
10:00 - 10:30	**Coffee break, visit industrial exhibition**

10:30 - 12:00	**The Achilles Tendon Study Group Current Concepts Book: Achilles Tendinopathy** *Chair: Calder J. (United Kingdom), Maffulli N. (United Kingdom)*
10:30 - 10:34 *SY35-2293*	Introduction *Calder J. (United Kingdom)*
10:34 - 10:40 *SY35-2294*	Aetiology and Mechanobiology *Maffulli N. (United Kingdom)*
10:40 - 10:47 *SY35-2295*	Conservative Management - Evidence *Pearce C. (Germany)*
10:47 - 10:53 *SY35-2296*	Conservative Management - Eccentric Stretching *Grävare Silbernagel Karin (United States)*
10:53 - 11:00 *SY35-2297*	Surgical Management - overview of results *Pearce C. (Germany)*
11:00 - 11:06 *SY35-2298*	Minimally Invasive Treatments *Thermann H. (Germany)*
11:06 - 11:12 *SY35-2299*	Endoscopic Management *van Dijk C. (Netherlands)*
11:12 - 11:21 *SY35-2300*	Injection therapies - overview and evidence *Maffulli N. (United Kingdom)*
11:21 - 11:26 *SY35-2301*	Outcome measures *Grävare Silbernagel Karin (United States)*
11:26 - 11:32 *SY35-2302*	Return to Sports *van Dijk C. (Netherlands)*
11:32 - 11:39 *SY35-2303*	The future - gene and stem cell therapies *Ackermann P. (Sweden)*
11:39 - 12:00	**Discussion**

SCIENTIFIC PROGRAMME
Saturday, June 12
ROOM 3 (SPEKTRUM)

12:00 - 13:00	**ESSKA SFA: The lateral meniscus revisited** *Chair: Djian P. (France), Hulet C. (France)*
12:00 - 12:12 *SY44-2363*	Comparative anatomy *Hulet C. (France)*
12:12 - 12:24 *SY44-2364*	Lateral meniscus lesions in unstable knees *Djian P. (France)*
12:24 - 12:36 *SY44-2365*	Lateral meniscus on unstable knee *Seil R. (Luxembourg)*
12:36 - 12:48 *SY44-2366*	Meniscal tear left in situ during ACL reconstruction *Pujol N. (France)*
12:48 - 13:00 *SY44-2367*	Cysts of the lateral meniscus *Potel J. (France)*

Plenary (Hotel)	
13:00 - 13:15	**Closing Ceremony**

ROOM 4 (SPEKTRUM)

07:30 - 08:45	**ICL 16: Improving accuracy in TKA** *Chair: Becker R. (Germany), Lemos A. (Portugal)*
07:30 - 07:40 *ICL25-2190*	Technical Mistakes Leading To Early Failure In TKA *Mayr H. (Germany)*
07:40 - 07:50 *ICL25-2077*	How to improve the TKA with a good ligamentar balance *Lemos A. (Portugal)*
07:50 - 08:00 *ICL25-2051*	Differential diagnosis of Patella problems - Mid flexion instability *Fuchs-Winkelmann Susanne (Germany)*
08:00 - 08:10 *ICL25-2076*	How the navigation can improve accuracy in TKA *Ferretti A. (Italy)*
08:10 - 08:20 *ICL25-2383*	Patients specific instruments *Thienpont E. (Belgium)*
08:20 - 08:45	**Discussion**
10:00 - 10:30	**Coffee break, visit industrial exhibition**
10:30 - 12:00	**ESSKA AGA: Patella** *Chair: Mayr H. (Germany), Fink C. (Austria)*
10:30 - 10:42 *SY45-2148*	Patellofemoral Pain Syndrome *Fink C. (Austria)*
10:42 - 10:54 *SY45-2019*	Arthroscopic patellar release: Treatment of chronic patellar tendinopathy *Ogon P. (Germany)*
10:54 - 11:06 *SY45-2141*	Patella instability / MPFL reconstruction *Schöttle P. (Germany)*
11:06 - 11:18 *SY45-2134*	Osteochondral Lesion (OCL) – is there any reason for? *Steinwachs M. (Switzerland)*
11:18 - 11:30 *SY45-2146*	Patellofemoral Osteoarthritis *Mayr H. (Germany)*
11:30 - 11:42 *SY45-2166*	Resurfacing or patellofemoral joint replacement *Imhoff A. (Germany)*
11:42 - 12:00	**Discussion**

SCIENTIFIC PROGRAMME
Saturday, June 12
ROOM 4 (SPEKTRUM)

12:00 - 12:15	**Lecture** *Chair: Kelberine F. (France)*
L11-2079	Hype or reality: The use of autologius platelet rich plasma growth factors in musculo-skeletal injuries *Everts P. (Netherlands)*
12:15 - 12:30	**Lecture** *Chair: Sanchis-Alfonso V. (Spain)*
L33-2145	Patello-femoral imaging *Arendt Elizabeth (United States)*
12:30 - 12:45	**Lecture** *Chair: Friederich N. (Switzerland)*
L22-2127	Neovascularity in tendons: a red herring? *Maffulli N. (United Kingdom)*
12:45 - 13:00	**Lecture** *Chair: Renström P. (Sweden)*
L29-2105	Is it possible to prevent osteoarthritis after an ACL injury *Roos H. (Sweden)*

Plenary (Hotel)	
13:00 - 13:15	**Closing Ceremony**

ROOM 5 (SPEKTRUM)

07:30 - 08:45	**ICL 17: How to design and include patients in your clinical study** *Chair: Årøen A. (Norway), Løken S. (Norway)*
07:30 - 07:42 *ICL26-2102*	Introduction: Why do high impact journals not publish sports medicine studies? *Løken S. (Norway)*
07:42 - 07:57 *ICL26-2034*	Clinical studies based on outcome scores - Pre-study power calculations *Figved W. (Norway)*
07:57 - 08:12 *ICL26-2078*	How to run, write and get a study published in a high impact journal *Frihagen F. (Norway)*
08:12 - 08:27 *ICL26-2083*	Inclusion of patients in ACL-studies - How many patients are needed *Frobell R. (Sweden)*
08:27 - 08:39 *ICL26-2084*	Inclusion of patients in Cartilage Repair Studies - do we study a subgroup of patients *Årøen A. (Norway)*
08:39 - 08:45	**Discussion**

Plenary (Hotel)	
13:00 - 13:15	**Closing Ceremony**

ROOM 6 (HOTEL)

07:30 - 08:45	**ICL 14: Rotator cuff repair** *Chair: Taverna E. (Italy), Huijsmans P. (Germany)*
07:30 - 07:42 *ICL23-2345*	Pathogenesis of rotator cuff tears: challenges and future *Longo U. (Italy)*
07:42 - 07:54 *ICL23-2346*	The use of biological agents in the treatment of partial rotator cuff tears *Adamczyk G. (Poland)*
07:54 - 08:06 *ICL23-2347*	New insights in the anatomy of the rotator cuff and its influence on repair techniques *Sugaya H. (Japan)*
08:06 - 08:18 *ICL23-2348*	A New Method For Arthroscopic Transosseous Rotator Cuff Repair; Technique And Results *Mikek M. (Slovenia)*
08:18 - 08:30 *ICL23-2349*	Irreparable rotator cuff tears: new horizons? *Senekovic V. (Slovenia)*
08:30 - 08:45	**Discussion**
10:00 - 10:30	**Coffee break, visit industrial exhibition**
10:30 - 10:45	**Lecture** *Chair: Huylebroek J. (Belgium)*
L27-2069	Formula 1 medicine *Kucukdurmaz F. (Turkey)*
10:45 - 11:00	**Lecture** *Chair: Fritschy D. (Switzerland)*
L17-2151	Postarthroscopic Osteonecrosis: fact or fiction *Pape D. (Luxembourg)*

11:00 - 11:15	**Lecture** *Chair: Brittberg M. (Sweden)*
L25-2207	Treatment of cartilage lesions with mesenchymal stem cells *Volpi P. (Italy)*
11:15 - 11:30	**Lecture** *Chair: Zorzi C. (Italy)*
L20-2385	Postero-lateral surgical technique *Jakobsen B. (Denmark)*
11:30 - 11:45	**Lecture** *Chair: Haspl M. (Croatia)*
L32-2184	Bone – patellar Tendon – Bone Harvesting: Mini Invasive Technique *Beaufils P. (France)*
11:45 - 12:00	**Lecture** *Chair: Calvo Diaz A. (Spain)*
L23-2183	Surgical approach to anterior-inferior shoulder instability *Castagna A. (Italy)*
12:00 - 13:00	**U-45 Committee: Rotator Cuff Repair and Bio-technology** *Chair: Randelli P. (Italy), Graveleau N. (France)*
12:00 - 12:10 *SY29-2232*	Growth Factors (PDGF and Stem Cells): What are they? How do they work? How can I obtain them? *Charousset C. (France)*
12:10 - 12:20 *SY29-2238*	Stem Cell in Rotator Cuff Repair: state of the art *Hantes M. (Greece)*
12:20 - 12:30 *SY29-2236*	PRP: application in Rotator Cuff Repairs *Randelli P. (Italy)*
12:30 - 12:40 *SY29-2225*	Biotechnology for tendon's repair: what's new? *Imhoff A. (Germany)*
12:40 - 12:50 *SY29-2239*	Scaffold for Massive Rotator Cuff Tears: sound results and new perspectives *Castagna A. (Italy)*
12:50 - 13:00	**Discussion**

Plenary (Hotel)	
13:00 - 13:15	**Closing Ceremony**

THURSDAY, JUNE 10, 2010 — 07:30 - 08:45

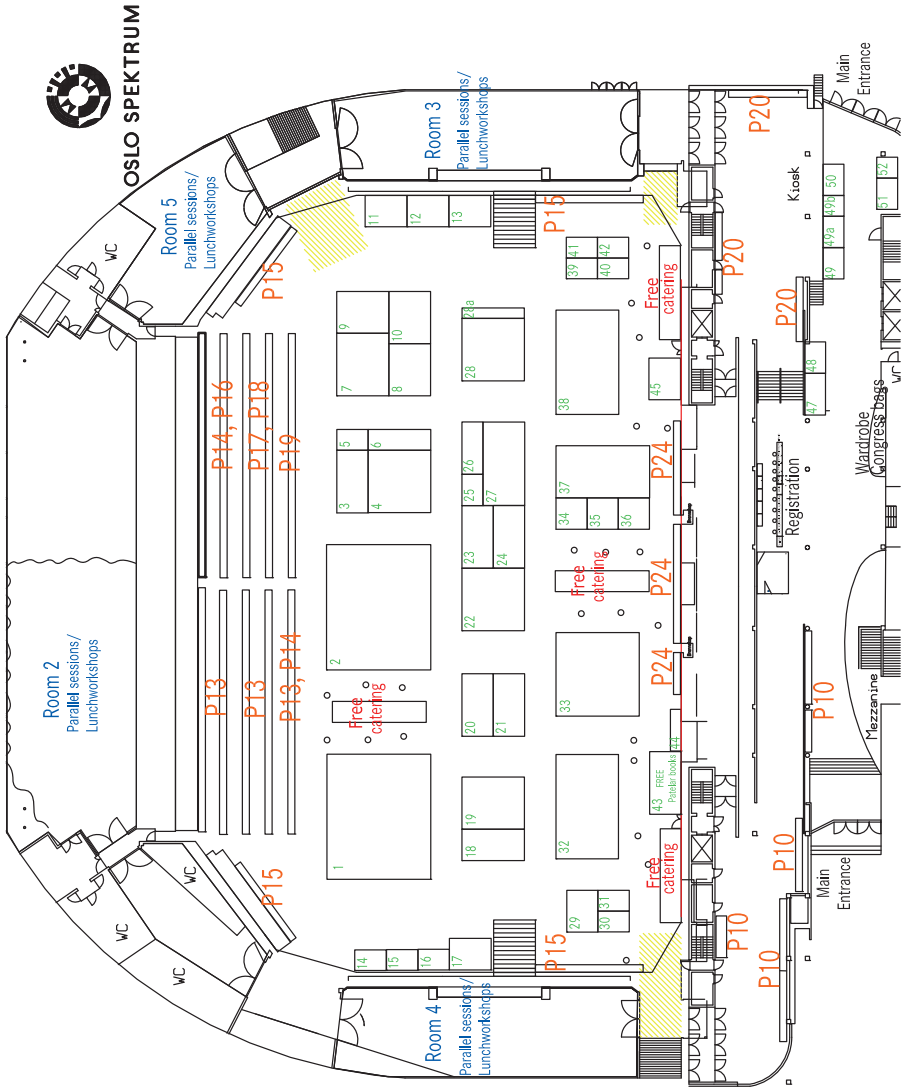
Room	Title	Chair	see Page
PLENARY (HOTEL)	**ICL 05: Patello-femoral pain. A global approach Arthroscopy Committee**	*Zaffagnini S. (Italy), Havlas V. (Czech Republic)*	44
ROOM 2 (SPEKTRUM)	**ICL 04: Return to sports – are there any evidence based guidelines?**	*Forssblad M. (Sweden), Werner Suzanne (Sweden)*	49
ROOM 3 (SPEKTRUM)	**ICL 01: The swollen knee**	*Fritschy D. (Switzerland), Kvien T. (Norway)*	52
ROOM 4 (SPEKTRUM)	**ICL 03: Patella in total knee replacement**	*Schiavone Panni A. (Italy), Verdonk R. (Belgium)*	57
ROOM 5 (SPEKTRUM)	**ICL 06: Absorbable implants in sports traumatology, basic science, clinical aspects and future perspectives**	*Kartus J. (Sweden), Smit T. (Netherlands)*	61
ROOM 6 (HOTEL)	**ICL 02: Endoscopic Cuff Repair: an Evidence Base Review**	*Hardy P. (France), Lundgreen Kirsten (Norway)*	65

FRIDAY, JUNE 11, 2010 — 07:15 - 08:30

Room	Title	Chair	see Page
PLENARY (HOTEL)	**ICL 08: Current concepts on the treatment of postero-lateral knee injuries**	*LaPrade R. (United States), Johansen S. (Norway)*	72
ROOM 2 (SPEKTRUM)	**ICL 07: What is the evidence base in ACL surgery?**	*Zaffagnini S. (Italy), Lubowitz J. (United States)*	77
ROOM 3 (SPEKTRUM)	**ICL 11: Surgical anatomy of the foot and ankle**	*Amis A. (United Kingdom), van Dijk C. (Netherlands)*	81
ROOM 4 (SPEKTRUM)	**ICL 12: Perioperative problems in TKA**	*Adravanti P. (Italy), Briard J. (France)*	88
ROOM 5 (SPEKTRUM)	**ICL 10: Wrist arthroscopy - possibilities and limitations ESSKA EWAS**	*Haugstvedt J. (Norway), Messina Jane (Italy)*	92
ROOM 6 (HOTEL)	**ICL 09: Athletes Shoulder ESSKA AGA**	*Imhoff A. (Germany), Agneskirchner J. (Germany)*	98

SATURDAY, JUNE 12, 2010 — 07:30 - 08:45

Room	Title	Chair	see Page
PLENARY (HOTEL)	**ICL 13: Current Concepts on the Treatment of Medial Knee Injuries**	*LaPrade R. (United States), Engebretsen L. (Norway)*	102
ROOM 2 (SPEKTRUM)	**ICL 15: Current challenges in cartilage repair Cartilage Committee**	*Madry H. (Germany), Peretti G. (Italy)*	105
ROOM 3 (SPEKTRUM)	**ICL 18: Laxity measurements - correlation between laxity and knee function; clinical implications and future consideration**	*Dejour D. (France), Seil R. (Luxembourg)*	107
ROOM 4 (SPEKTRUM)	**ICL 16: Improving accuracy in TKA**	*Becker R. (Germany), Lemos A. (Portugal)*	110
ROOM 5 (SPEKTRUM)	**ICL 17: How to design and include patients in your clinical study**	*Årøen A. (Norway), Løken S. (Norway)*	112
ROOM 6 (HOTEL)	**ICL 14: Rotator cuff repair**	*Taverna E. (Italy), Huijsmans P. (Germany)*	113



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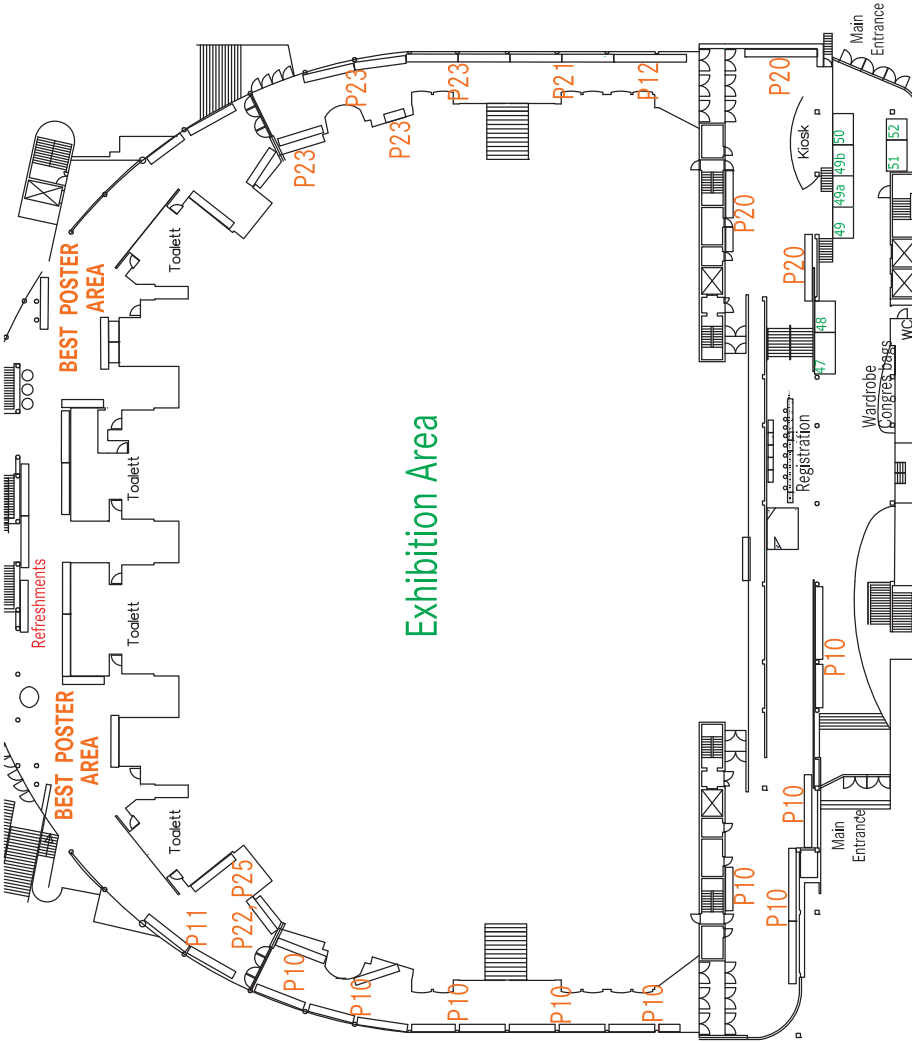

As of April 30, 2010

SCP10 Poster Short Communication I — BEST POSTER AREA

SCP10-30 Effect of pull-out sutures for radial tears of posterior horn of medial meniscus: a biomechanical study using porcine knees
Nha K. (South Korea (ROK)), Li G., Choi J., Han S.

SCP10-166 Two to 15-year clinical results of anatomic reconstruction of the superficial layer of the medial collateral ligament using the semitendinosus tendon-hybrid graft
Ogawa M. (Japan), Kitamura N., Kondo E., Kitayama S., Inagaki Y., Tohyama H., Tanaka Y., Yasuda K.

SCP10-249 Arthroscopic partial meniscectomy for degenerative meniscus tear: results of 1-year prospective follow-up
Sihvonen R. (Finland), Järvelä T., Järvinen T.

SCP10-265 Evidence for gender related differences in ACL injury during plant and cut maneuvers?
Benjaminse Anne (Netherlands), Gokeler A., Fleisig G., Otten B.

SCP10-378 Radiographic assessment of the femoral tunnel entrance area prior to anterior cruciate ligament revision surgery
Tscholl P. (Switzerland), Biedert R.

SCP10-415 Observations on measuring rotational laxity of the knee using a simple clinical device
Alam M. (United Kingdom), Bull A., Thomas R., Amis A.

SCP10-503 Arthroscopical and radiological evaluations on intra-articular outlet location of tibial tunnels created with anatomic double-bundle anterior cruciate ligament reconstruction
Kai S. (Japan), Kondo E., Tohyama H., Kitamura N., Kawaguchi Y., Yasuda K., Mizutani K.

SCP10-526 Single or anatomic daouble bundle ACL reconstruction- results of a prospective matched pair analysis
Zantop T. (Germany), Zantop T. (Germany), Herbort M., Sappok Natascha, Raschke M., Petersen W.

SCP10-566 Outcomes and risks of operative treatment of ruptures of the anterior cruciate ligament in children and adolescents. A systematic review and meta-analysis
Frosch K. (Germany), Stengel D., Holsten D., Jung C., Voigt Christine, Niemeyer P., Maier M., Hertel P., Jagodzinski M., Lill H.

SCP10-601 Lateral collagen meniscus implant (LCMI): prospective European multicenter study with 2 year minimum follow-up
Zaffagnini S. (Italy), Marcacci M., Marcheggiani Muccioli G., Bulgheroni P., Berbig R., Crespo R., Holsten D., Lagae K., Monllau J., Giordano G., Bruni D.

SCP10-645 The effect of autologous platelet factors on femoral tunnel widening after acl-reconstruction with hamstrings: a pilot study with MRI in 20 patients
Mastrokalos D. (Greece), Staratzis K., Koulalis D., Lendi Anna

SCP10-781 Tibial tunnel widening after hamstring tendon anterior cruciate ligament reconstruction. Clinical and MRI study at 4 years follow-up
Ambroži B. (Slovenia)

SHORT COMMUNICATION / POSTER

SCP10-855 Root tear of the meniscus - biomechanical evaluation of an arthroscopic refixation technique
Rosslenbroich S. (Germany), Zantop T., Siam S., Herbort M., Petersen W.

SCP10-896 Pre-operative laxity: does it influence the final knee stability in ACL reconstruction?
Zaffagnini S. (Italy), Colombet P., Lopomo N., Bignozzi S., Harish C., Marcacci M.

SCP10-950 Biomechanical and histological characterization of human, animal and artificial meniscus samples
Sandmann G. (Germany), Grande E., Adamczyk C., Buettner A., Doebele S., Imhoff A., Burgkart R., Tischer T.

SCP10-1019 Biomechanics of anatomic femoral tunnel versus over-the-top fixation in ACL reconstruction
Lertwanich P. (United States), Kato Y., Maeyama A., Martins C., Ingham Sheila, Kramer S., Linde-Rosen Monica, Smolinski P., Fu F.

SCP10-1023 Nonoperative treatment of partial anterior cruciate ligament tears
Spindler K. (United States), Shepard Michelle, DeAngelis J., Dunn W.

SCP10-1038 Reconstructed CT scan evaluation of femoral and tibial tunnels location in ACL double bundle reconstruction. A retrospective series of 79 cases
Barth J., Barthélémy R., Panisset J. (France), Graveleau N., Chambat P., Sonnery-Cottet B.

SCP10-1068 Superior axial stability of a new biplane osteotomy technique for supracondylar femur osteotomies (SCO) fixed with an angular stable plate
van Heerwaarden R. (Netherlands), Brinkman J., Hurschler C.

SCP10-1082 Tunnel widening in relation with graft position after ACL reconstruction
van Dijck R. (Netherlands), Saris D., Willems W., Enneking T., van Ommeren J., Fievez A.

SCP10-1196 Hamstring vs PTB time zero: quality control and CAOS stress radiography in anterior cruciate ligament reconstruction
Klos B. (Netherlands)

SCP10-1264 Partial lesion of the anterior cruciate ligament: isolated rupture of the anteromedial or posterolateral bundle. A rare lesion?
Lefevre N. (France), Lanternier H., De Polignac T., Robert H., Cassard X., Collette M., Herman S.

SCP10-1274 Meniscal root suturing techniques: implication for root repair and transplantation
Kopf S. (United States), Muriuki M., Colvin Alexis, Zhang X., Harner C.

SCP10-1315 Slope, patellar height and tibial torsion in valgus HTO - results of a prospective study
Beitzel K. (Germany), Kirchhoff C., Paul J., Sauerschnig M., Imhoff A., Hinterwimmer S.

SCP11 Poster Short Communication II **BEST POSTER AREA**

SCP11-32	Platelet rich plasma (PRP) is a superior biological augment to the reparative ability of biphasic collagen/GAG scaffolds in ovine osteochondral defects compared with concentrated bone marrow aspirate *Getgood A. (United Kingdom), Henson F., Lynn A., Fortier Lisa, Brooks R., Rushton N.*
SCP11-76	Temporary drainage clamping after total knee arthroplasty - a randomized controlled trial in our institute and meta-analysis *Tai T. (Taiwan), Yang C., Lai K., Jou I., Chang C.*
SCP11-247	Medial unicompartmental knee replacement, cemented vs. cementless *Bontemps G. (Germany), Schlüter-Brust K.*
SCP11-262	Efficacy and safety of hylan G-F 20 in knee OA: a prospective, randomised controlled trial of single and multiple doses *Johnson G. (United Kingdom)*
SCP11-286	Synchronized fluoroscopy and EMG comparing multi radius and single radius total knee prostheses *Wolterbeek Nienke (Netherlands), Garling E., Valstar E., Nelissen R.*
SCP11-382	Autologous chondrocyte implantation. long-term follow up, 10-20 years postoperatively *Vasiliadis H. (Greece), Brittberg M., Lindahl A., Peterson L.*
SCP11-539	Untreated posterolateral knee injuries: biomechanical and MRI evaluation of in vivo canine model *Griffith C. (United States), LaPrade R., Pepin S., Wijdicks C., Goerke Ute, Michaeli S., Ellermann Jutta*
SCP11-595	Repair of symptomatic cartilage defects of the femoral condyle and trochlea with ChondroCelect® under compassionate use *Almqvist K. (Belgium), Saris D., Vanlauwe J., Verdonk P., Victor J., Bellemans J., Verdonk R.*
SCP11-611	What can patients really do following TKA? *Laurent J. (France), Bonnin M., Parratte S., Zadegan F., Badet R.*
SCP11-621	Computer-assisted internal rotation of the femoral implant for tka does not modify clinical outcome in case of mobile bearing tibial plateau. Results of a case-control study of 38 cases *Saragaglia D. (France), Mercier N., Ayach A., Plaweski S.*
SCP11-692	Comparison of cruciate sacrificing and cruciate retaining PFC sigma TKR – 683 knees minimum two-year follow-up *Blyth M. (United Kingdom), Stother I., May Pauline, Leach W., Crawfurd E., Brown Susan, James P., Gerrard-Tarpey Wendy*
SCP11-806	Gap balancing VS measured resection technique in computer assisted surgery *Tigani D. (Italy), Sabbioni G., Ben Ayad R., Filanti M., Rani N., Del Piccolo N.*
SCP11-960	The infrapatellar branch of the saphenous nerve – anatomical course and relationships *Khanduja V. (United Kingdom), Nair Narga, Shahin H.*

SHORT COMMUNICATION / POSTER

SCP11-1024	Degenerative cartilage disorders in children knee *Pligina Elena (Russian Federation), Burkin I., Ezelskaya Lylyia*
SCP11-1086	Cementless fixation of unicompartmental knee replacement decreases radiolucency at two years *Kendrick B. (United Kingdom), Pandit H., Jenkins Cathy, Beard D., Gill H., Price A., Dodd C., Murray D.*
SCP11-1162	A correlational study between KSS, WOMAC, and SF-36 in patients at waiting list for total knee arthroplasty *Leal-Blanquet J. (Spain), Hinarejos P., Puig-Verdie L., Montserrat F., Alentorn-Geli E., Caceres E.*
SCP11-1236	Activities related to deep flexion and patient satisfaction after high-flexion TKA *Lee M. (South Korea (ROK)), Kim D., Lee S., Seong S.*
SCP11-1269	Relationship between rotational and coronal deformity in varus osteoarthritis (OA) of the knee *Lee M., Jang J. (South Korea (ROK)), Lee S., Seong S.*
SCP11-1290	An in vitro study of knee kinematics: native versus bi-compartmental, PCL retaining and posterior stabilized implants *Tibesku C. (Germany), Wong P., Innocenti B., Labey L.*
SCP11-1294	Comparison of lateral and medial amc uniglide unicompartmental knee replacement at two year *Parwez T. (United Kingdom), Hassaballa M., Murray J., Porteous A., Robinson J.*
SCP11-1338	MR assessment of focal cartilage defects using a high resolution imaging protocol with planes perpendicular to the defect: preliminary results *Mamisch T. (Switzerland), Årøen A., Engebretsen L., Risberg May Arna*
SCP11-1380	Long term results of the use of reinfusion in total knee replacement. A prospective study *Zacharopoulos A. (Greece), Papanikolaou S., Zacharis D., Vezirgiannis I.*
SCP11-1383	Has the knee evolved over the past 400 million years? *Monk A. (United Kingdom), Simpson D., Aichroth P., Corrick Fenella, Vollrath F., Beard D., Gibbons M., Dodd C., Murray D.*
SCP11-1485	Fabrication of custom-shaped grafts for cartilage regeneration *Dragoo J. (United States), Koo S., Hargreaves B.*

SCP12 Poster Short Communication III — BEST POSTER AREA

SCP12-327	Open versus minimal invasive repair with Achillon device in the treatment of acute Achilles tendon ruptures *Kocaoglu B. (Turkey), Aktas S., Nalbantoglu U., Guven O.*
SCP12-428	Bony realignment with reconstruction of dynamic and static stabilizer for posterior tibial tendon dysfunction *Narita N. (Japan), Takao M., Innami K., Komatsu F., Matsushita T.*
SCP12-553	Effect of dependent versus independent suture tightening on the tendon-to-bone contact properties of double row rotator cuff repairs *Haber M. (Australia), Ball Karen, Demontfort D., Appleyard R.*
SCP12-622	Diagnosis and results of posterior ankle arthroscopic surgery *Orava S. (Finland), Sarimo J., Lempainen L.*
SCP12-635	The pathology of anterior capsular mechanism in older patients with recurrent anterior shoulder dislocation in the absence of rotator cuff tears *Mizuno Naoko (Japan), Yoneda M., Nakagawa S., Hayashida K.*
SCP12-648	Proximal avulsion of all three hamstring tendons. Correlation between the result of operative treatment and the delay to surgery, the age of the patient, and the number of suture anchors used *Sarimo J. (Finland), Lempainen L., Mattila K., Orava S.*
SCP12-653	How did the rotator cuff tears (RCT) repaired by arthroscopy heal? (Validation of a new classification about 209 cases) *Charousset C. (France), Bellaiche L.*
SCP12-923	Mid-term results of arthroscopic capsular shrinkage for chronic lateral ankle instability *de Vries J. (Netherlands), Koning Annabel, Krips R., Blankevoort L., van Dijk C.*
SCP12-947	A comparative study of 3 CT scan methods for bone loss evaluation in anterior-inferior shoulder instability (comparison of 3 methods) *Charousset C. (France), Bellaiche L.*
SCP12-990	Patellar tendon vascularisation pattern after BPTB harvesting for ACL reconstruction. A new screening method for postoperative tendinopathies? *Seil R. (Luxembourg), Walter F., Pape D., Nührenbörger C., Winterberg Tesja, Theisen D.*
SCP12-991	Sports activity after anatomic total shoulder arthroplasty *Flury M. (Switzerland), Schumann Katrin, Schwyzer H., Goldhahn J.*
SCP12-1025	The “fifth ligament” of the knee: analysis of the static function of the popliteus tendon and evaluation of an anatomic reconstruction *Wijdicks C. (United States), Wozniczka Jennifer, Stellmaker M., LaPrade R.*
SCP12-1027	Restraint of the meniscofemoral ligament to posterior tibial translation: a porcine model *Lertwanich P. (United States), Martins C., Kato Y., Ingham Sheila, Kramer S., Linde-Rosen Monica, Smolinski P., Fu F.*
SCP12-1052	The muscular endurance of knee flexors plays an important role in the global functional stability of a professional football player’s body *Hejna R. (Poland), Suchecka Zuzanna, Szczesny L., Piontek T., Ciemniewska-Gorzela Kinga, Szulc A.*

SCP12-1111	Posterior ankle impingement syndrome in ballet dancers: pathological conditions and treatment *Hiraishi E. (Japan), Usami N., Ikezawa Hiroko, Waseda A.*
SCP12-1136	A prospective, randomized trial following conservative treatment in acute primary patellar dislocation with special reference to patellar braces *Mäenpää H. (Finland), Sillanpää P., Paakkala A.*
SCP12-1150	Anatomic posterolateral corner reconstruction: a mid-term follow-up of 22 cases *Boisrenoult P. (France), Pujol N., Beaufils P.*
SCP12-1152	Rehabilitation after surgery for recurrent lateral patellofemoral instability: results of a survey of members of the ESSKA Arthroscopy Committee *Lynch A. (United States), Arendt Elizabeth, Dejour D., Zaffagnini S., Snyder-Mackler Lynn*
SCP12-1185	Supracondylar fractures of the humerus in children – results of 10 years of surgical treatment *Viçoso Sousa Fernandes Sofia Isabel (Portugal), Barbosa A., Fraga Ferreira J., Cerqueira R., Ferrero R., Correia Moreira A., Reis J.*
SCP12-1263	First episode of traumatic anterior shoulder dislocation: to wait or to repair? *De Carli A. (Italy), Zanzotto E., Vadalà A., Mossa L., Ferretti A.*
SCP12-1293	Arthroscopic repair of cuff tears with associated lesions of the biceps tendon– technique and results after 3 years *Heikenfeld R. (Germany), Listringhaus R., Godolias G.*
SCP12-1307	Isolated medial patellar femoral ligament reconstruction for recurrent patella dislocation: a prospective cohort study *Ronga M. (Italy), Oliva F., Longo U., Testa V., Capasso G., Maffulli N.*
SCP12-1334	The three-in-one procedure for recurrent dislocation of the patella in skeletally immature children and adolescents *Ronga M. (Italy), Oliva F., Longo U., Testa V., Capasso G., Maffulli N.*
SCP12-1378	Restoration of terminal extension in high level athletes *Blonna D. (Italy), O‘Driscoll S.*

P10 Shoulder — ENTRANCE FOYER

P10-3 Arthroscopic treatment of distal clavicle fractures
Pujol N. (France), Hardy P.

P10-57 Influence of joint laxity on the occurrence of rotator interval lesion in throwing shoulder injury
Nakagawa S. (Japan), Yoneda M., Mizuno Naoko

P10-65 Reversed total shoulder arthroplasty in the treatment of glenohumeral osteoarthritis with massive rotator cuff tears: a critical analysis of 68 Deltaprosthesis with a minimum follow-up of 2 years
Sadoghi P. (Germany), Hochreiter J., Jansson V., Müller P., Hausdorf J., Pietschmann M., Utzschneider Sandra, Weber G.

P10-93 Comparison of interscalene regional block and general anesthesia in arthroscopic bankart repair
Yildirim C. (Turkey), Toker T., Demirtas M.

P10-117 Bursectomy compared with acromionplasty in the management of subacromial impingement
van Arkel E. (Netherlands), Henkus H., de Witte P., Brand R., Nelissen R.

P10-119 The anterosuperior quadrant of the bony glenoid is poorly vascularized
DeMers Ariana (United States), Arnoczky S., Lubowitz J.

P10-233 Biomechanical and tendon-bone interface evaluation of three different techniques for rotator cuff repair
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P15-603 A prospective outcomes study of meniscal allograft transplantation
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P15-651 Meniscus preservation by suture repair for the tear in discoid lateral meniscus
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P15-1328 Clinical efficacy of a novel, synthetic meniscus scaffold for treating irreparable, partial meniscal tissue loss
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P15-1409 A polycarbonate-urethane meniscal trasplantation for medial meniscus insufficiency: preliminary clinical results
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P16-254 Viscosupplementation injections augmented with corticosteroid for knee osteoarthritis: patient expectations and clinical outcomes
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P16-317 Operative outcome of osteochondral grafts for knee joints diseases
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P16-352 New one-step arthroscopic technique for the treatment of osteochondral lesions of the knee with bone marrow derived cells
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P16-385 Malalignment and cartilage lesions in the patellofemoral joint treated with autologous chondrocyte implantation-long term results
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P16-397 Effect of intraarticular pH change on the structure and metabolism of chondrocytes
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P16-502 Apoptotic cell death induction of synocvial cells by an array of RGD peptides
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P16-523 Decreased degradation of cartilage by hyperbaric oxygen and hyaluroniate, an animal study in rats´ intervertebral disc model
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P16-696 Biological reactivity and rheological characteristics of two crosslinked HA-based viscosupplements: Jonexa™ and Durolane®
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P16-697 Safety and efficacy of repeat treatment with hylan G-F 20 in osteoarthritis of the knee
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P16-722 Reduced chondrocyte viability is associated with marker pen ink
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P16-791 Mesenchymal stem cells implantation for full-thickness cartilage lesions treatment: preliminary report
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P16-827 Six years follow up of cartilage defects in the knee: patients improve their knee function score, but fail to recover completely
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P16-838 Co-cultures of juvenile and adult human cartilage fragments: in vitro study for one-stage cartilage repair procedure
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P16-848 Arthroscopic fixation of matrix associated autologous chondrocyte implantation - joint compression forces following biodegradable pin fixation
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P16-953 Second-generation autologous chondrocyte implantation in the treatment of the knee cartilage defects. Findings at five years
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P16-976 A correlation of clinical outcome scores and MRI/CT scan findings up to 24 months following insertion of a PLA/PLG scaffold implant for osteochondral defects of the knee
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P16-1017 Characterization of Tet-regulated, lentivirally mediated BMP-2 expression in chondrocytes: a new gene therapy approach in cartilage healing
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P16-1039 Novel nano-composite biomaterial for osteochondral tissue engineering: pilot clinical study at 2 years follow up
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P16-1060 Use of an unloader brace for medial or lateral compartment osteoarthritis of the knee
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P16-1070 Evaluation of hylastan SGL-80 in symptomatic osteoarthritis (OA) of the knee
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P16-1153 Clinical outcome after femoral condyle transplantation using large frozen osteochondral allografts (Mega OATS transplants)
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P16-1169 Mid-to-long term longitudinal outcome of autologous chondrocyte implantation in the knee joint: a multilevel analysis
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P16-1171 The choice of the arthroscopic procedure for chondral defects determines the intraarticular synthesis of growth factors and liberation of MSCs
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P16-1200 “Fixation Plus”: evaluation of a novel fixation technique in adult osteochondritis dissecans of the knee
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P16-1251 Evaluation of the articular cartilage of the knee in delayed gadolinium-enhanced MRI (dGEMRIC) at 3.0 Tesla
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P16-1292 Staging the failing medial compartment of the knee
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P16-1299 What proportion of knee surgery practice is osteoarthritis and are we treating it correctly?
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P16-1470 Focal cartilage defects in the knee impair quality of life as much as severe osteoarthritis. A comparison of KOOS in four patient categories scheduled for knee surgery
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P16-1474 Cartilage repair: mosaic plasty resulted in higher degree of tissue filling but impaired subchondral bone more than Microfracture technique. A randomized, controlled, blinded, long term follow-up trial in 100 rabbit knees
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P17-324 Intraoperative femoral nerve stimulation in evaluation of patellar tracking: the effects of tourniquet use and catheter placement
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P17-531 Reconstruction of the lateral retinaculum after failed lateral release in case of patellofemoral instability – a prospective study
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P17-546 Patellofemoral axial radiographic technique: consistency across clinic sites
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P17-569 The influence of riskfactors of patella instability on the result of anatomic MPFL-reconstruction using a gracilis-tendon transplant
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P17-639 The effect of medial patellofemoral ligament reconstruction on patellar tracking
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P17-680 Depression trochleoplasty for patellar instability: report of 20 cases at 34 months follow up
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P17-762 Radiological examination of position of the patella after medial patellofemoral ligament reconstruction
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P17-870 Influence of the femoral torsion on patella maltracking
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P17-959 Pathology of the medial patellofemoral ligament - a classification scheme based on magnetic resonance imaging of 25 patients with chronic objective patella instability and 25 healthy volunteers
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P17-995 Patella tendinosis: the short term outcomes of an arthroscopic patellar tendon treatment technique
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P17-1066 Anterior knee pain treated with hip osteotomy - 9.7 years average follow-up on 66 osteotmies in patients with miserable malalignment and excess femoral anteversion
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P17-1306 Comparative study of quantitative stress radiography of the patella under non-anesthesia and anesthesia
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P17-1327 Prospective 1 year results after anatomic reconstruction of the medial patell-ofemoral ligament in double bundle technique
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P17-1412 Double bundle reconstruction of the medial patellofemoral ligament – a prospective evaluation of isolated initial- and revision surgery with a minimum follow up of one year
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P23-550 Functional outcome one year after surgically treated Achilles tendon rupture. No effect of autologous platelets
Kvist Joanna (Sweden), Norrman Hanna, Schepull T., Aspenberg P.

P23-567 The process of tendon regeneration in an Achilles tendon resection rat model: a macroscopic, histological, and biomechanical study
Otoshi K. (Japan), Sekiguchi M., Konno S.

P23-658 Traumatic proximal tibiofibular joint dislocation: a case report
Sano T. (Japan), Matsuoka H., Nakayama K., Saji T.

P23-682 The use of injected platelet enriched plasma (PEP) for treatment of tendinosis. A prospective case serie to study indications, technique and limitations in daily orthopedic practice
Sybesma Thea (Netherlands), van der Weegen W.

P23 Tendon — SIDE FOYER

P23-745 Involvement of the plantaris tendon in Achilles tendinopathy: an anatomical observational study
van Sterkenburg Maayke N. (Netherlands), Kerkhoffs G., van Dijk C.

P23-748 Achilles tendinopathy: stripping the plantaris tendon results in a good to excellent outcome. A report of 3 cases
van Sterkenburg Maayke N. (Netherlands), Kerkhoffs G., van Dijk C.

P23-801 Cells in the chronic painful Achilles tendon produce signal and pain substanses-stem cell characteristics
Alfredson H. (Sweden)

P23-921 An anatomical and radiological study of the fascia cruris and paratenon of the Achilles tendon
Carmont M. (United Kingdom), Highland A., Paling Ellen, Rochester J., Davies M.

P23-1018 Biomechanical evaluation of a medial knee reconstruction with comparison of bioabsorbable interference screw constructs and optimization with a cortical button
Wijdicks C. (United States), Brand Emily, Nuckley D., Johansen S., LaPrade R., Engebretsen L.

P23-1037 Patellar tendon reconstruction with semitendinosus and gracilis tendon autografts
van der Zwaal P. (Netherlands), van Arkel E.

P23-1099 Functional bracing versus rigid immobilization after modified percutaneous Achilles tendon repair under local anesthesia
Cretnik A. (Slovenia)

P23-1157 Late partial patellar tendon rupture after arthroscopic cruciate ligament procedure
Vega J. (Spain), Redó D., Codina D., Golano P., Aguilera J.

P23-1215 Reconstruction of Achilles tendon using the artificial ligament
Usami N. (Japan), Hiraishi E., Ikezawa Hiroko

P23-1266 A fibroblast-collagen membrane composite for tendon repair: an in vitro study
Mangiavini Laura (Italy), Sosio C., Scotti C., Digiancamillo Alessia, Domeneghini Cinzia, Fraschini G., Peretti G.

P23-1312 Patellar tendon rupture repair with wire cerclage protected suture (Chandler's Technique) - evaluation of results
Loureiro M. (Portugal), Sousa R., Raposo F., Valente L., Moura-Gonçalves A., São-Simão R., Pinto R., Trigo-Cabral A.

P23-1324 Ultrasound imaging of the Achilles enthesis fibrocartilage with histological correlation
Basci O. (Turkey), Aydin Sibel Zehra, Bas Emine, Direskeneli H., Celikel C., Atagunduz P., Filippucci E., Wakefield R., Mcgonagle D., Benjamin M., Karahan M.

P23 Tendon — SIDE FOYER

P23-1330 Bilateral rupture of quadriceps tendon in an athlete - case report
Loureiro M. (Portugal), Sousa R., Raposo F., Valente L., Moura-Gonçalves A., Pinho A., Pinto R., Trigo-Cabral A.

P23-1337 Popliteus tendon dislocation preventing arthroscopic reduction in a tibial plateau fracture
Bilgic E. (Turkey)

P23-1345 A original surgical technique to treat neglected ruptures and reruptures of the Achille tendon that use hamstring graft: 5 case reports
Lefevre N. (France), Bohu Y., Herman S.

P23-1399 Using biological scaffold, surgical reconstruction of traumatic rupture quadriceps tendon with more than 4cm defect
Bhattacharyya M. (United Kingdom), Sakka S.

P23-1430 Using absorbable reinforcement, surgical reconstruction of traumatic rupture patellar tendon - a bridge to provide physiological joint biomechanics
Bhattacharyya M. (United Kingdom)

P24 Sport specific injuries — ARENA FLOOR

P24-49 Biomechanical analysis of double plate vs LISS fixation for complex tibial plateau fractures
Rademakers M. (Netherlands), Blankevoort L., Kerkhoffs G., Marti R.

P24-54 Arthroscopic repair for recurrent anterior shoulder instability in professional soccer players
Vaquerizo García V. (Spain), Cugat Bertomeu R., Alvarez P., Steinbacher G., Seijas R., Ares O., Cuscó X., Samitier G.

P24-55 Application of botulinum toxin type a in dynamic osteopathy of the pubis
Vaquerizo García V. (Spain), Vaquerizo García Eva, Galán Novella Paloma

P24-140 Prevalence of bowlegs among adolescent soccer players
Massada Marta (Portugal), Pereira A., Sousa R., Massada L.

P24-154 Central aponeurosis tears of the rectus femoris: practical sonographic prognosis
Maestro A. (Spain), Balius R., Pedret C., Rodriguez L., Fdez-Lombardia J., Garcia P.

P24-159 Stress reaction of the tibia in recreational athletes. Is there a golden standard for the medical treatment?
Pütz O. (Germany), Schäferhoff P., Dewitz H.

P24-176 An anatomic posterolateral reconstruction of the knee: results after one year
Van Ochten H. (Netherlands), Van Tienen T., Luites Joan, Wymenga A.

P24 Sport specific injuries — ARENA FLOOR

P24-184 The use of platelet growth factor in the treatment of chronic Achilleus tendonitis
Diotti E. (Italy), Manzini C., Pozzi L., Gifuni P., Pelucchi R.

P24-232 Influence of testing position on the isokinetic Harmstring and Quadriceps performance by elite skiers
Ziltener JL. (Switzerland), Jolis X., Fritschy D., Menetrey J.

P24-303 Value of the clinical anterior drawer test of the talus in comparison to stress sonography in the diagnosis of ligament lesions of the ankle
Wiebking U. (Germany), Omar-Pacha T., Knobloch K., Hankemeier S., Krettek C., Jagodzinski M.

P24-308 High prevalence of GIRD in asymptomatic and oligosymptomatic world class junior javelin-throwers
Brucker P. (Germany), Beitzel K., Zandt Julia, Amereller M., Timpert Kirsten, Schwirtz A., Imhoff A.

P24-456 Refractary patellar tendinopathy treated with platelet rich plasma inyections. A preliminary report of 8 cases
Ruiz-Iban M. (Spain), Diaz-Heredia J., Gonzalez-Lizán F., Moros S., Del Cura Varas Masia Soledad

P24-578 A radiographic study of the relationship between jumper's knee and patella alta
Koyama H. (Japan), Takahashi M., Matsubara T., Hanada M., Furuhashi R.

P24-655 Role of angiogenesis in muscle derived stem cell mediated regeneration of injured medial collateral ligament
Nishimori M. (Japan), Matsumoto T., Ota S., Kopf S., Fu F., Ochi M., Huard J.

P24-666 Virtual arthroscopy with MSCT in pre-operative assessment of athlete's knee and shoulder in sports injury
Walter F. (Luxembourg), Nührenbörger C., Page P., Pape D., Seil R.

P24-707 Demonstrate the injury patterns of Alpine skiing and snowboarding in Kongsberg, Norway
Ahrabi V. (Norway), Østheim E., Ekeland A.

P24-789 High-resolution MR imaging using a microscopy coil for tibial stress injuries
Mammoto T. (Japan), Mamizuka N., Hirano A.

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Takigami J. (Japan), Hashimoto Y.

P24-849 Open single stage complete reconstruction of traumatic knee dislocation in sport professionals - what can we expect? A mid to long-term follow-up study
Hirschmann M. (Switzerland), Amsler F., Müller W., Friederich N.

P24-927 Simultaneous rupture of the anterior crutiate ligament and patellar tendon, a rare injury of alpine ski: 2 cases report
Lefevre N. (France), Cascua S., Herman S.

P24 Sport specific injuries — ARENA FLOOR

P24-1367 Complete paralysis of the quadriceps muscle caused by traumatic psoas hematoma: a case report
Lefevre N. (France), Bernard L., Herman S.

P24-1429 Bone bruise pattern on magnetic resonance imaging in anterior cruciate ligament injuries – where are they found
Widjaya R. (Singapore), Lee Y., Chin Yuin Cheng, Chang H.

P24-1452 Stress fracture of medial malleolus – results of operative treatment
Heikkilä J. (Finland), Sarimo J., Orava S.

P25 Injury prevention — REAR FOYER

P25-86 The physical characteristics of the senior high school baseball players
Hashiba T. (Japan), Watanabe N., Kobayashi T.

P25-240 The effect of gender on force, muscle activity and frontal plane knee stabilisation during maximum eccentric leg-press exercise
Liebensteiner M. (Austria), Szubski C., Platzer H., Burtscher M., Raschner C.

P25-473 Hamstring - quadriceps ratio of Chinese population with chronic ACL rupture
Chan W. (Hong Kong)

P25-571 The epidemiology of injuries in American Flag Football (AFF): two-season injury-exploratory study results
Kaplan Y. (Israel)

P25-978 Relationship between dynamic balance and core strength in young female handball and basketball players
Shima Y. (Norway), Kitaoka K., Miyata T., Ueshima K., Goshima K., Hayashi Miki, Takahashi R., Tsukagoshi S., Yoneda Yumi, Moriyama S., Tomita K.

P25-1223 Prevention of muscle and tendon injuries: survey of training methods among basketball, handball and volleyball coaches in central Italy
Cerulli G. (Italy), Caraffa A., Ponteggia F., Conti V., Benvenuti E., Battaglioli Aluena, Orlando D.

Holmenkollen (Hotel)

WS 01 **Arthrocare Sportsmedicine**
Topaz: Coblation® technology to treat tendons and fascia
Speakers: *Johansen O. (Norway)*
Meknas K. (Norway)
Haber M. (Australia)

Room 4 (Spektrum)

WS 02 **BIOMET**
The Oxford Partial Knee Symposium
Speakers: *Dodd C. (United Kingdom)*
Murray D. (United Kingdom)
Price A. (United Kingdom)

Room 7 (Spektrum)

WS 03 **ConMed Linvatec Europe -**
Anatomic Cruciate Reconstruction, Discussion and a Practical Workshop
Faculty: *Kartus J. (Sweden)*
Jorgensen U. (Denmark)
Spalding T. (United Kingdom)
Monllau JC (Spain)

Room 3 (Spektrum)

WS 04 **DePuy EMEA**
Multicompartmental resurfacing
….a new concept for a new patient?
Chair: *Barrett D. (United Kingdom)*

Room 5 (Spektrum)

WS 05 **Karl Storz GmbH & CO. KG**
ACL
Chairs: *Strobel M. (Germany)*
Weiler A. (Germany)
Topic : Why do ACL grafts fail? (12:30-13:00)
Speaker: *Strobel M. (Germany)*
Topic: Technical strategy in revision ACL surgery (13:00-13:30)
Speaker: *Weiler A. (Germany)*

Room 2 (Spektrum)

WS 06 **Smith & Nephew, Inc.**
Current concepts in anatomic ACL reconstruction
Faculty: *Fu F. (USA)*
Brown C. (UAE)
Pederzini L. (Italy)
Djian P. (France)

Room 6 (Hotel)

WS 07 **Waegener NV**
cTreatment: a logical next step in patient rehabilitation
Chair: *Meeusen R. (Belgium)*
Topic: The Waegener story (5‘)
Speaker: *Dewaegenaere L. (Belgium)*
Topic: Impact of cTreatment in the revalidation process: from theory to practice (10‘+2‘)
Speaker: *Thienpont E. (Belgium)*
Topic: Pre- and post-operative cTreatment: practical experience in total knee arthroplasty (10‘+2‘)
Speaker: *Van den Broecke W. (Belgium)*
Topic: cTreatment in rehabilitation after knee surgery: first results (10‘+2‘)
Speaker: *van Riet R. (Belgium)*
Topic: cTreatment and muscle injury care in sports: a perfect match? (10‘+2‘)
Speaker: *Viroux P. (Belgium)*

Plenary (Hotel)

WS 09 **Arthrex GmbH**
Arthrex Shoulder
Topic: Rotator Cuff SpeedBridge Repair with SwiveLock, FiberTape and FiberChain
Speaker: Imhoff A. (Germany)
Topic: Arthroscopic Treatment of Bony Glenoid Defects
Speaker: Scheibel M. (Germany)
Topic: Biological Healing Enhancement in Shoulder Surgery using Autologous GF
Speaker: Mazzocca A. (United States)

Room 4 (Spektrum)

WS 11 **BIOMET**
Signature, Personalised Knee replacement
Speaker: Thienpont E. (Belgium)

Oslofjord (Hotel)

WS 12 **DePuy EMEA**
25 Years of Sigma® High Function - Low Wear
Chair: Barrett D. (United Kingdom)

Room 7 (Spektrum)

WS 13 **GENZYME BIOSURGERY**
Clinical perspectives in the long-term management of patients with knee osteoarthritis
Chair: Raman R. (United Kingdom)
Topic: Cartilage preservation effects of hylan G-F 20 (Synvisc): A 2 year MRI study
Speaker: Hall S. (Australia) 12:30-12:50
Topic: Single or multiple injections of hylan G-F 20 (Synvisc)?
Speaker: Raman R. (United Kingdom) 12:50-13:05
Topic: Clinical application of hylan G-F 20 (Synvisc) in the younger, sportive patient
Speaker: Hamon P. (France) 13:05-13:20

LUNCH WORKSHOPS
Thursday, June 10, 12:30 - 13:30

Base 1 (Hotel)

WS 14 **Johnson & Johnson Medical SPA - Depuy Mitek**
ACL Anatomical Repair: Single and Double Tunnel Techniques
Speakers: Bartlett M. (United Kingdom)
Ehkirch F. (France)

Room 5 (Spektrum)

WS 15 **Karl Storz GmbH & CO. KG**
Hip and shoulder
Chairs: Dienst M. (Germany)
Lajtai G. (Austria)
Jost B. (Switzerland)
Topic: The shoulder reloaded - what's new in anatomy and arthroscopy? (Anatomic and video analysis)
Speakers: Lajtai G. (Austria)
Jost B. (Switzerland) 12:30-13:00
Topic: Hip arthroscopy - working on the acetabular rim and labrum
Speaker: Dienst M. (Germany) 13:00-13:30

Room 2 (Spektrum)

WS 16 **Smith & Nephew, Inc.**
Advancement and Trends of Arthroscopic Instability Repair
Speakers: Terry M. (USA),
Sugaya H. (Japan)
Taverna E. (Italy)

Room 3 (Spektrum)

WS 17 **Waegener NV**
12:15 cTreatment: a logical next step in orthopedic patient care
Chair: Meeusen R. (Belgium)
Topic: The Waegener story (5')
Speaker: Dewaegenaere L. (Belgium)
Topic: Review of the evolution in tissue trauma management (12'+5')
Speaker: Thienpont E. (Belgium)
Topic: Pre- and postoperative cTreatment: practical integration in total knee arthroplasty (12'+5')
Speaker: Van den Broecke W. (Belgium)
Topic: cTreatment in knee surgery: first results (12'+5')
Speaker: van Riet R. (Belgium)

Plenary (Hotel)

WS 18 **Arthrex GmbH**
Arthrex Knee

Topic: ACL RetroConstruction: Anatomical Outside-In/Inside-Out Bone Socket Drilling and Latest Graft Fixation Options
Speaker: Lubowitz J. (United States)
Topic: MPFL Reconstruction
Speaker: Schöttle P. (Germany)
Topic: Arthrex Sports Knee:
Arthroscopic Assisted Uni-Knee Prosthesis
Speaker: Stock T. (Germany)
Topic: Tibial and Femoral Osteotomy with PEEK PowerPlate
Speaker: Imhoff A. (Germany)
Topic: PRP and Autologous GF in the Orthopaedic Practise
Speaker: Ogon P. (Germany)

Room 4 (Spektrum)

WS 19 **BIOMET**
Toggleloc Ziploop an innovative ACL Fixation System - Advantages in the Medial Portal Approach
Speaker: Silva A. (Portugal)

Room 5 (Spektrum)

WS 21 **GENZYME BIOSURGERY**
Setting the standard for cartilage repair

Chair: Kili S. ((United Kingdom))
Topic: Long-term results with the MACI® implant: Outcomes v microfracture in the knee
Speaker: Basad E. (Germany) 12:30-12:50
Topic: Conducting clinical trials in cartilage repair: Contemporary standards and challenges
Speaker: Saris D. (Netherlands) 12:50-13:05
Topic: In pursuit of manufacturing excellence
Speaker: Duguay S. (United States) 13:05-13:20

LUNCH WORKSHOPS
Friday, June 11, 12:30 - 13:30

Room 7 (Spektrum)

WS 22 **Orteq Sports Medicine and Fin-Ceramica Faenza S.p.A.**
A novel solution for irreparable partial meniscus defects

Topic: New Approaches and Solutions for the Early Treatmen
Chairs: Verdonk R. (Belgium), Marcacci M. (Italy)
Topic: Surgical treatment options for Osteoarthritis: Past – Present – Future
Speakers: Argenson J.N. (France), Paratte S. (France) 12.15
Topic: Early degeneration treatments options – The complex clinical situation
Speaker: Steinwachs M. (Switzerland) 12.25
Topic: New treatment options for biological reconstruction
Speaker: Zaffagnini S. (Italy) 12.35
Topic: Biomimetic scaffolds for osteochondral regeneration
Speaker: Kon E. (Italy) 12.45
Topic: Meniscal substitutes for the treatment of irreparable meniscus tears
Speaker: Verdonk P. (Belgium) 13:00
Topic: Questions and Answers
Chairs: Verdonk R. (Belgium), Marcacci M. (Italy) 13.15-13.45

Room 3 (Spektrum)

WS 23 **TiGenix NV**
Optimizing ACI and improving clinical outcome

Chair: Seil R. (Luxembourg)
Topic: Biopsy: quality and standardization
Speaker: Niemeyer P. (Germany) 12.30-12.45
Topic: ChondroCelect Harvester (CCH): a new biopsy tool
Speaker: Fortems Y. (Belgium) 12.45-13.00
Topic: Treatment algorithm: what is the evidence to alter the algorithm?
Speaker: Almqvist F. (Belgium) 13.00-13.15
Topic: Long-term outcomes of Autologous Chondrocyte Implantation in the femoral condyles: benefit versus microfracture
Speaker: Vanlauwe J. (Belgium) 13.15-13.30

Room 2 (Spektrum)

WS 24 **Smith & Nephew, Inc.**
Meniscal repair - Cartilage repair

Topic: Treatment strategy for cartilage repair in the knee.
Speaker: Lind M. (Denmark)
Topic: Modern Techniques of Meniscal Repair: Repair vs. Meniscectomy will be discussed.
Speaker: Siebold R. (Germany)

LUNCH WORKSHOPS
Friday, June 11, 12:30 - 13:30

Room 6 (Hotel)

WS 25 **Smith & Nephew, Inc.**
Proven Performance meets Innovation

Chair: *Franz A. (Germany)*
Topic: Oxinium: Superior Results over Time
Speaker: *Saris D. (Netherlands)*
Topic: Genesis II: 15 Years of Clinical Success
Speaker: *Wilton T. (United Kingdom)*
Topic: Legion Revision Knee System: Comprehensive, Efficient and Designed for Revision
Speaker: *Defoort K. (Netherlands)*
Topic: Visionaire Patient Matched Technology
Speaker: *Tibesku C. (Germany)*

Holmenkollen (Hotel)

WS 26 **Zimmer GmbH**
Pre-TKA solutions: clinical perspectives

Chair: *Argenson J. (France)*
Topic: Pre-TKA surgery: is this the future?
Speaker: *Benazzo F. (Italy) 12:30-12:45*
Topic: Unicompartimental & PFJ Gender Solutions: clinical experiences
Speaker: *Thienpont E. (Belgium) 12:45-13:00*
Topic: The role of CAS in Pre-TKA solutions
Speaker: *Mattes T. (Germany) 13:00-13:15*
Discussion: 13:15-13:30

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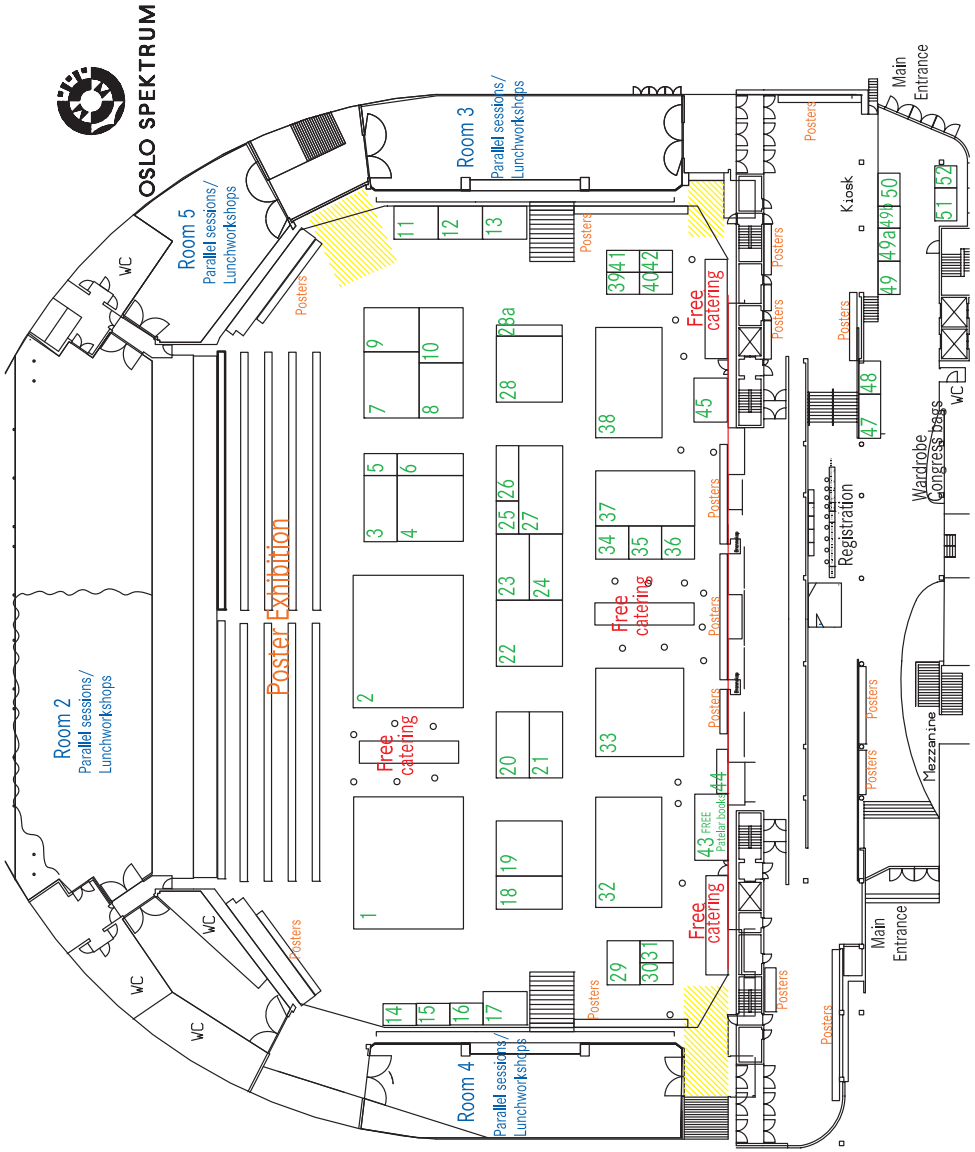

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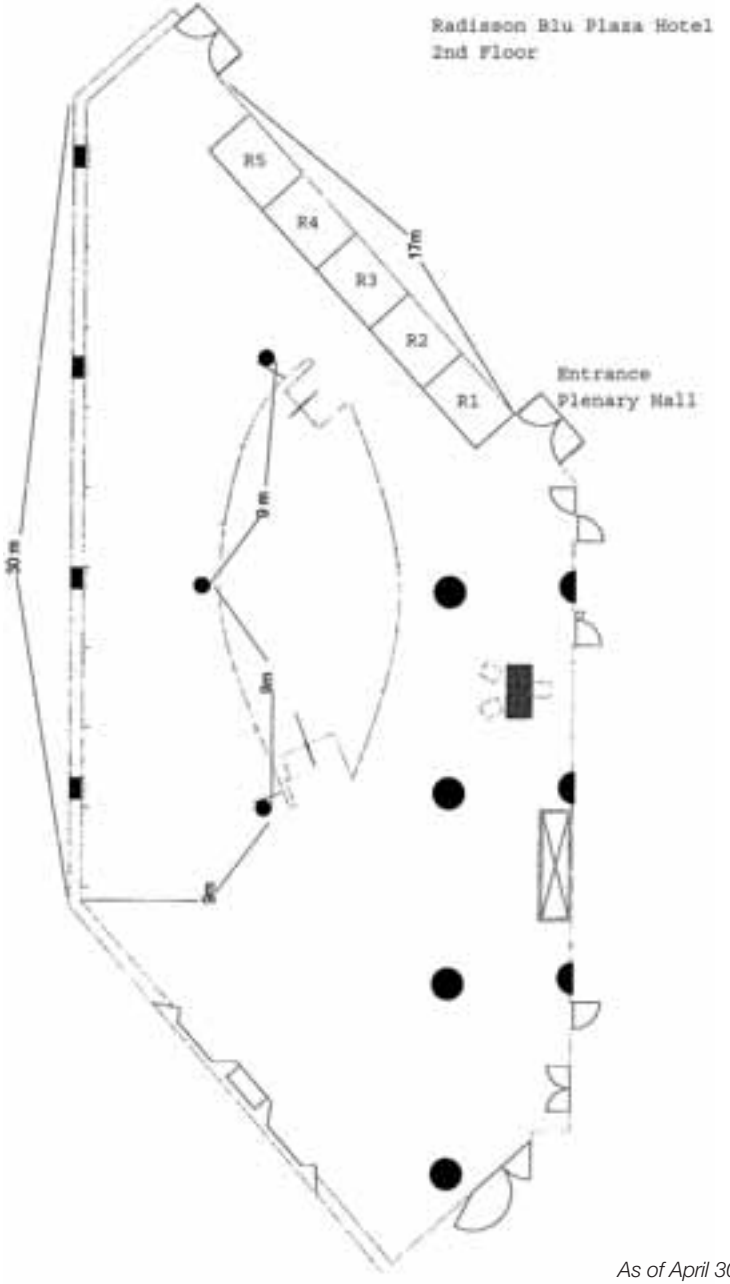

As of April 30, 2010

Join us for your first congress evening in Oslo together with your colleagues and friends at Oslo City Hall. The Oslo City Hall houses the City Council and is famous for the Nobel Peace Prize Ceremony which takes place every year on December 10. Enjoy the spectacular view of the fjord and the maritime atmosphere around the City Hall.

After the reception you can take a stroll to the lively wining & dining area of Akerbrygge which is right opposite to the City Hall.

Venue:
Oslo City Hall (Fridtjof Nansens plass)

Date:
Wednesday, June 9, 2010

Time:
18.45 h-19.45 h

Price:
Free of charge

How to get there:
The Oslo City Hall is a 15 minutes walk away from the congress venue. The congress participants will be guided from the Spektrum to the City Hall. Meeting time: 18.25 h at the main entrance of Spektrum.

Copyright: VisitOSLO/F.W. Foto

We will have our festive evening during the 14th ESSKA Congress at the Radisson Blu Plaza Hotel. Enjoy a fine 3 course-dinner along with good music and entertainment!

Venue:
Radisson Blu Plaza Hotel, Sonja Henie Ballroom

Date:
Friday, June 11, 2010

Time:
Aperitif at 20.00 h, dinner starts at 20.30 h

Price per person including 3 course dinner, wine, entertainment: NOK 900,-
(limited number of tickets)

Tickets:
are available at the social programme counter in the entrance foyer of Spektrum.

Jorunn Hodne Band

Copyright: Inge Riska

OSLO PANORAMA (2.5 hours)
We will drive through the city centre where we will pass by the HOUSES OF PARLIAMENT, the NATIONAL THEATRE, the UNIVERSITY and the ROYAL PALACE. Passing through the elegant west-end of the city, we will arrive at VIGELANDS PARK where we will take a walk through the wonderful collection of over 200 sculptures created by Gustav Vigeland (1869-1943). Back on the bus we will continue up to one of the hills surrounding the city and visit the HOLMENKOLLEN Ski Jump. This newly-built ski jump is the arena for the World Championships in Nordic Events in 2011. From here we can experience breathtaking views out over the city and the fjord.

Dates:
Wednesday and Thursday

Times:
10:00AM – 12:30 PM or 02:30PM – 05:00 PM

Price per person:
NOK 500,-

Meeting Point:
Radisson Blu Plaza Hotel,
Information desk next to hotel reception

OSLO MUSEUMS (3.5 hours)
Commencing with a tour of the city centre, we will then visit the VIKING SHIPS MUSEUM. Here we can see 3 of the world's best preserved chieftains' burial ships from around the year 800 AD together with their rich contents. These ships were found after being buried for over 1,000 years.
After a short drive, we will visit the FRAM MUSEUM housing the world's strongest wooden ship. This polar ship holds the record of having sailed furthest North and furthest South on its expeditions with Nansen from 1893 to 1896 and with Amundsen from 1910 to 1911. It is also possible to go onboard and see the interior of the ship.
The KON-TIKI MUSEUM displays the original vessels and artifacts from Thor Heyerdahl's famous expeditions. We will hear all about his crossing the Pacific in 1947 with the balsa raft Kon-Tiki, the sailing over the Atlantic with the papyrus ship Ra II in 1970 and see a model of his reed boat Tigris.
At the NORWEGIAN MARITIME MUSEUM we will enjoy a unique panoramic film where we will experience an aerial voyage of coastal Norway from north to south.

Dates:
Wednesday and Thursday

Time:
10:00 AM – 01:00 PM

Price per person:
NOK 600,-

Meeting Point:
Radisson Blu Plaza Hotel,
Information desk next to hotel reception

TOURS

WALKING TOUR: THE OPERA HOUSE AND AKERSHUS FORTRESS (2.5 hours)
The OPERA HOUSE, which was opened in 2008, is the home of the Norwegian Opera and Ballet. It is one of the world's most spectacular opera houses with a fantastic location in the sea. You will have the opportunity of taking a walk on the roof where there is a wonderful view over the city and the fjord and also to go inside and see the beautiful foyer with its many works of art.
From here we will take a short walk to the AKERSHUS FORTRESS. This medieval fortress from the 13th century was remodeled into a renaissance castle in the first half of the 17th century. Today the beautiful banqueting halls are used by the Norwegian government for state functions.

Dates:
Thursday, 02:30 – 05:00 PM and Friday, 10:00 AM – 12:30 PM

Price per person:
NOK 250,-

Meeting Point:
Radisson Blu Plaza Hotel, Information desk next to hotel reception

CULTURAL HERITAGE TOUR (3 hours)
After a drive through the city centre seeing most of the important buildings in Oslo, we will drive to the peninsula of Bygdøy and visit the NORWEGIAN MUSEUM OF CULTURAL HISTORY. This open-air museum has 155 traditional buildings from many different regions of Norway, including the Gol Stave church from the 11th century, giving us a unique view of the cultural history of Norway. We can also see some of the buildings from the 17th and 18th centuries from the city of Christiania.
We will also visit the VIKING SHIPS MUSEUM where 3 of the world's best preserved chieftains' burial ships are on display together with their rich contents. These ships were built around the year 800 AD and have been lying buried in the ground for nearly 1,000 years before being found.

Date:
Friday 10:00 AM – 01:00 PM

Price per person:
NOK 600,-

Meeting Point:
Radisson Blu Plaza Hotel, Information desk next to hotel reception

WALKING TOUR: THE PAINTINGS OF EDVARD MUNCH AND THE HENRIK IBSEN MUSEUM (3 hours)
After a walk through the city centre along the Karl Johan's street, where we will see all the important buildings in Oslo, we will visit the home of HENRIK IBSEN. He lived here the latter years of his life until his death in 1906. To commemorate the centenary of his death, the apartment has been restored to be as similar as possible to the original. His study has all his original furniture.
A short walk will take us to the National Gallery where we can admire the paintings of EDVARD MUNCH. One of the main halls contains many of his original works including his best-known painting "The Scream".

Date:
Saturday10:30AM – 01:30 PM.

Price per person:
NOK 400,-

Meeting Point:
Radisson Blu Plaza Hotel, Information desk next to hotel reception

Congress website
www.esska2010.com

Organizer of the scientific programme
ESSKA Asbl
European Society of Sports Traumatology, Knee Surgery and Arthroscopy
76, Rue d'Eich
1460 Luxembourg, Luxembourg

Congress Office and Organizer of the industrial exhibition
Moving Encounters
INTERCONGRESS
Intercongress GmbH
Wilhelmstr. 7, 65185 Wiesbaden, Germany

Congress venues
Oslo Spektrum and Radisson Blu Plaza Hotel
Sonja Henies Plass
0185 Oslo, Norway

Registration fee congress card

	ESSKA Member			Non Member		
	Payment until Feb 15, 2010	Payment from Feb 15-June 1, 2010	On-site	Payment until Feb 15, 2010	Payment from Feb 15-June 1, 2010	On-site
Doctor	375,00 €	440,00 €	490,00 €	500,00 €	560,00 €	610,00 €
Eastern European Countries	300,00 €	340,00 €	390,00 €	300,00 €	340,00 €	390,00 €
Resident*	230,00 €	270,00 €	320,00 €	300,00 €	340,00 €	390,00 €
Physiotherapist (including special PT programme)	230,00 €	270,00 €	320,00 €	300,00 €	340,00 €	390,00 €
Nurse		150,00 €	150,00 €	150,00 €		
Student*		150,00 €	150,00 €	150,00 €		
Accompanying person		40,00 €	40,00 €	60,00 €		

**only with document indicating training programme and level of training*

The registration fee includes
Scientific sessions, instructional courses, symposia, access to the industrial exhibition, convention bag, delegate's badge, one copy of the final programme, the abstract CD and the book of abstracts.

Currency and payment
The official currency in Norway is NOK (Norwegian Krone).
Registration fees can be paid cash (EURO) or via credit card (VISA and Mastercard).

Delegate's badge
Please wear your badge at all times as it guarantees admission to the industrial exhibition and the lecture halls. Lost badges may only be replaced upon proof of original payment.

ESSKA member:	blue
Non-member:	white
Accompanying person:	yellow
Exhibitors:	green

Certificate of attendance
The certificate of attendance can be collected at the registration desk.

EACCME accreditation
The 14th 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 14th ESSKA Congress is designated for a maximum of 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.

EACCME credits are recognized by the American Medical Association towards the Physician's Recognition Award (PRA). To convert EACCME credit to AMA PRA category 1 credit, contact the AMA.

Language
The official language of the meeting is English. There will be no translation of lectures.

Opening hours of the registration desk

Tuesday, June 8:	16:00-19:00 h
Wednesday, June 9:	07:00-18:30 h
Thursday, June 10:	06:45-18:00 h
Friday, June 11:	07:00-18:00 h
Saturday, June 12:	07:00-13:15 h

Registration desk (entrance foyer of Spektrum)
Phone: +47 45 50 2858
Fax: +47 22 17 6862

Industrial exhibition

The industrial exhibition is located at the arena floor of the Spektrum.
Opening hours are:

Wednesday, June 9, 2010:	09.30 - 18.00 h
Thursday, June 10, 2010:	07.30 - 18.00 h
Friday, June 11, 2010:	07.15 - 18.00 h
Saturday, June 12, 2010:	07.30 - 13.00 h

Poster exhibition

The poster exhibition is located in the foyers and on the arena floor of the Spektrum. All posters should be placed on the relevant poster board. Posters may be set-up on Tuesday, June 8, 16:00-18:00 and Wednesday, June 9, 08:00-09:30.
Posters should be removed on Saturday, June 12, 10:00-13:30. Posters not removed at this time will be discarded. Posters and other material can not be sent to your home address after the conference.

Speakers' information and media-check

The media check is located on the 3rd floor of the Radisson Blu Plaza.
All presentations must be uploaded via the web-based presentation tool called "Preseria" in advance. In case you would like to check the presentation files onsite you can visit the media-check at least two breaks prior to your session, i.e. if a presentation is being held during a morning session, it should be checked at the end of the day before. In the media-check technicians will be at your disposal. Personal laptops must not be used for presentations in the lecture halls.
Speakers are kindly requested to follow the instructions of the chairperson and strictly keep to the time limit of their presentation.

Welcome desk

There will be a Welcome desk/Information desk at the Airport Gardermoen in Oslo. When passing through the exit door from the arrival hall please turn right. You will find the Welcome desk after 25 metres at your left just beside the OSL Information desk.
Tuesday: 9.00 am – midnight
Telephone: + 47 904 72 288

Internet access

In both venues – the Spektrum and the Radisson Blu Plaza – wireless internet access will be provided on all congress days free of charge.

Workout opportunity during the 14th ESSKA Congress

As a participant during the 2010 ESSKA meeting in Oslo, you have the opportunity to visit the gym SATS to get a workout during the congress days.
SATS is a complete fitness centre that offers studio-training and exercise classes such as aerobics and spinning. It is located in the congress venue Oslo Spektrum and it is open all days during the congress from 6.15 am – 11 pm (Friday 6.15 am-9 pm, Saturday 10 am - 6 pm). As a participant you will have free access to the centre by showing your conference pass.

15th ESSKA CONGRESS
MAY 2-5 · 2012 · GENEVA

EUROPEAN SOCIETY OF SPORTS TRAUMATOLOGY, KNEE SURGERY AND ARTHROSCOPY
ESSKA

1st Announcement

Congress President
Daniel Fritschy (Switzerland)

Scientific Chairs
Jacques Menetrey (Switzerland)
Stefano Zaffagnini (Italy)

Congress Office
Moving Encounters
INTERCONGRESS
Intercongress GmbH (Germany)
esska@intercongress.de

GENÈVE

www.esska-congress.org

Legend: M = Moderator, chair R = Presenter

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Printed in USA. 04/10 2367 Rev. A