SYMPOSIA

SUNDAY, JUNE 7, 2015

HEALING OF THE ACL & GRAFTS – CLINICAL IMPLICATIONS
09:00–10:00 L’Amphithéâtre

Co-Chairs: Freddie H. Fu, MD USA
Christophe H. Hulet, MD, Prof. FRANCE
Peter Uwe Brucker, MD, PhD, MSc GERMANY
James H. Lubowitz, MD USA

- Basic Science, Ligament Response to Injury and Treatment Options
- Tendon-to-Bone Healing Including Ligamentization and Growth Factors: What Does the Evidence Say?
- ACL Tissue Engineering: Cells, Scaffolds, Growth Factors, Incubators, and Structural Ties
- Objective Outcomes and Why They Are Important

BIOLOGY & BIOMECHANICS: ROTATOR CUFF
10:00–11:00 Forum 1

Co-Chairs: Nahum Rosenberg, MD ISRAEL
Andreas B. Imhoff, MD, Prof. GERMANY
Olivier Courage, MD, FRANCE
George A. Murrell, MD, PhD AUSTRALIA
Pietro Randelli, MD, Prof. ITALY
Scott A. Rodeo, MD USA

- Growth Factors or Biomechanical Factors of Rotator Cuff Repair
- A Clinician Scientists’ View on Translation of Rotator Cuff Basic Research to Clinical Care
- Pathogenesis of Rotator Cuff Tendinopathy
- Update on PRP and Stem Cells for Rotator Cuff Repair
- Biomechanics of Abnormal Rotator Cuff
- Acromioplasty in Rotator Cuff Repair

COMPUTER ASSISTED ORTHOPAEDIC SURGERY: CAOS OR CHAOS?
10:15–11:15 Forum 2

Chair: Burt Klos, MD, PhD NETHERLANDS

David Anthony Parker, MBBS, BMedSci, FRACS AUSTRALIA
Andrea Ferretti, MD ITALY
Stephane Plaweski, MD, PhD, Prof. FRANCE
Jean-Yves Jenny, MD FRANCE

- Use of Computer Navigation in Periarticular Osteotomy of the Knee
- CAOS Application in Isolated and/or Combined Posterolateral Corner Lesions
- CAOS Researches on ACL and ALL Combined Injuries
- CAOS in Knee Arthroplasty, Routine Use or Training Tool?
- Four Generations in ACL Navigation, Cost Efficiency

THE SHAPE OF THE ACL – IMPLICATIONS TO SURGERY
10:45–11:45 L’Amphithéâtre

Co-Chairs: Konsei Shino, MD, PhD JAPAN
Edward M. Wojtys, MD USA
Freddie H. Fu, MD USA
Anastasios D. Georgoulis, MD, Prof. GREECE
Robert Jacek Smigielski, MD POLAND

- ACL Grafting to Mimic the Native ACL: Patellar Tendon & Hamstring
- The Thickness of the ACL Midsubstance in Relation to PCL and Lateral Femoral Condyle
- The “Ribbon” Concept of ACL Anatomy
- Individualized and Anatomical ACL Reconstruction

REMNANTS PRESERVING ACL RECONSTRUCTION
13:30 – 14:30 L’Amphithéâtre

Chair: Mitsuo Ochi, MD, PhD, JAPAN

Freddie H. Fu, MD USA
Sung-Jae Kim, MD, PhD FACS KOREA
Rainer Siebold, MD, Prof., GERMANY
Kazunori Yasuda, MD, PhD JAPAN

- Indications of Remnant Preserving ACL Reconstruction
- Ratio of Preserving ACL Reconstruction ACL to Standard ACL Reconstruction
- Technique
- Clinical Result
- Future Direction of Preserving ACL Reconstruction

PHYSICAL ACTIVITY AFTER KNEE REPLACEMENT
14:00 – 15:00 Forum 2

Co-Chairs: Mark Clatworthy, FRACS NEW ZEALAND
Hermann Otto Mayr, MD, Prof. GERMANY
Nanne P. Kort, MD, PhD NETHERLANDS
Hiromasa Miura, MD, PhD JAPAN

- Tibial Bone Remodeling With TKA and Its Clinical Relevance
- Sports Activity With TKA in Patients Older than 60 Years
- Failure Risk Factor of TKA (Japan Arthroplasty Registry)
INNOVATIVE KNOWLEDGE ON ACL BIOMECHANICS
15:30–16:30  L’Amphithéâtre
Co-Chairs: Kazunori Yasuda, MD, PhD JAPAN
Timothy E. Hewett, PhD USA
Andrew A. Amis, FREng, PhD, DSc UNITED KINGDOM
Volker Musahl, MD USA
Evangelos Pappas, PT, PhD, OCS, AUSTRALIA
Anatomy and Function of the ACL and Lateral Structures in Resisting Tibial Anterior Drawer and Internal Rotation
Biomechanical and Clinical Evaluation of Rotatory Knee Instability
ACL Injuries During Cutting Tasks: Common Neuromuscular Deficit Profiles
Prevention of Primary and Secondary ACL Injuries: A Novel Innovative Approach

EDUCATION IN ARTHROSCOPY AND THE ROLE OF SIMULATORS
15:30–16:30  Forum 3
Co-Chairs: Mustafa Karahan, Prof. TURKEY
C. Niek Van Dijk, MD, PhD NETHERLANDS
Kai-Ming Chan, MBBS, MCH(ORTH), FRCPS(G), FRCS(E)
Gabriëlle Tuijthof, MSc, PhD NETHERLANDS
Nikhil N. Verma, MD USA
Defining Essential Skills and What to Teach
How to Teach: Concepts of Surgical Skill Teaching and Strategy of Designing a Program
Skills Transfer to the OR
Simulators in Surgical Skills Training

DECISION MAKING IN SHOULDER INSTABILITY
16:30–17:30  Forum 1
Co-Chairs: Matthew T. Provencher, MD USA
Guillermo Arce, MD ARGENTINA
Richard L. Angelo, MD USA
Pascal Boileau, MD, Prof. FRANCE
Giovanni Di Giacomo, MD ITALY
Vicente Gutierrez, MD CHILE
W18-Years Old. Contact Sport. 2 Dislocations. 20% Bone Loss With Fragment
- I Decide in Advance Based on the Glenoid Track
- Mom, If We Keep the Fragment, He Will Do Fine
- From “La Carte,” I Will Take the Arthroscopic Latarjet
W32-Years Old. Tennis. Recurrence After Bankhart Repair. 20% Attritional Bone Loss
- I Stay Anatomic. Bankart Plus Remplissage
- Belt and Suspenders Approach. Open Latarjet for All Revisions
- Better Safe Than Sorry. Bony Bumpers for Failures

STATE OF ART IN AC JOINT DISLOCATIONS
11:00–12:00  Forum 1
Chair: Guillermo Arce, MD ARGENTINA
Klaus Bak, MD DENMARK
Benno Ejnisman, MD BRAZIL
Augustus D. Mazzocca, MS, MD USA
Anatomy, Injury Patterns and New Classification Criteria
Biomechanics and Conservative Treatment: Rehabilitation and Return to Sports
Surgical Treatment—Acute
Surgical Treatment—Chronic
Problem Cases

THE DIFFERENT ASPECTS OF AN ANATOMICAL ACL RECONSTRUCTION
13:30–14:30  L’Amphithéâtre
Co-Chairs: Edward M. Wojtys, MD USA
Manfred Bernard, MD, PhD GERMANY
Giuliano Giorgio Cerulli, MD ITALY
Anastasios D. Georgoulis, MD, Prof. GREECE
Takeshi Muneta, MD, PhD JAPAN
Anatomical ACL Reconstruction With B-PT-B in Press Fit Technique
Original All-Inside Technique
WACL Reconstruction Approaching the Femoral Remnant From Behind
An Anatomic ACL Reconstruction Restores the Common Game Between ACL & PCL
IN VIVO TKA KINEMATICS: HOW TO DESCRIBE IT, HOW TO USE IT
14:00–15:00
Co-Chairs: Maurilio Marcacci, MD ITALY
Stephen M. Howell, MD USA
Philippe Beaufils, MD FRANCE

- Is Functional Flexion (Helical) Axis a Reliable Reference for Femoral Component Positioning?
- Assessing the Epicondylar Axis by Pre-Op CT Scan and Navigation. An Intermediate Step Between Mechanical and Kinematic Positioning in TKR
- Principles, Alignment, Balancing, and Results of Kinematic Alignment: An Option for Total Knee Arthroplasty
- Case Presentations

MEDIAL PATELLOFEMORAL LIGAMENT: ANATOMY, INJURY & RECONSTRUCTION
14:00–15:00
Co-Chairs: Donald C. Fithian, MD USA
David Henri Dejour, MD FRANCE
Michael Elias Hantes, Assoc. Prof. GREECE
Philip Bastian Schoettle, MD, PhD, Assoc. Prof. GERMANY

- Anatomy of Patellar (In)Stability
- Surgical Principles of MPFL Reconstruction
- Avoiding and Managing Complications in MPFL Surgery
- Is MPFL Alone Sufficient to Stabilize the Patella?

KNEE LAXITY AND ROTATION MEASUREMENT
15:30–16:30
Chair: Joao Duarte Espregueira-Mendes, MD, PhD PORTUGAL

- Stress X-Rays and Radiographic Evaluation
- Laxity Measurement in MRI—Rotation and Translation
- How Can the Pivot Shift Help to Score Your Patient?
- Quantitative Evaluation of the Pivot Shift Using an Electromagnetic Measurement System
- Robotic Sagittal and Rotational Laxity Measurement of ACL Tears
- New Ways to Evaluate Rotational Laxity

BIOLOGIC THERAPIES FOR CARTILAGE
15:30–16:30
Chair: Johnny Huard, PhD USA
Adam William Anz, MD USA
Frank Barry Prof. IRELAND

- Update on the latest Cell Therapy for Cartilage Repair
- Immune-Modulating Therapy for Symptom Management
- Clinical Application in a Sports Medicine Practice

ATHLETIC TEAM PHYSICIAN
15:30–16:30
Chair: Dean C. Taylor, MD, USA
Lucio Sergio Rocha Emrlund, MD, MSc, BRAZIL
Mohsen Hussein, PhD, SLOVENIA
Geoffrey Verral, MBBS FACSP, AUSTRALIA
Roshan Mangaldas Wade, MS Ortho, D Ortho FCPS
DNB Ortho, INDIA

THE BICEPS TENDON IN THE YOUNG & ATHLETICALLY ACTIVE PATIENT
15:45–16:45
Chair: Felix Henry Savoie III, MD USA
Klaus Bak, MD DENMARK
Eugene Ek, MBBS, PhD, FRACS AUSTRALIA
Michael Thomas Freeth, MD USA
Matthew T. Provencher, MD USA
Anthony A. Romeo, MD USA

- Anatomy, Examination and Imaging of the Biceps
- Tenotomy Technique to Avoid Deformity
- Slap Tears in Non-Overhead Athletes: Repair vs. Tenodesis
- Slap Tears in Overhead Athletes: Repair vs. Tenodesis
- Biceps Injuries in Athletes, Including Tendonitis, Tendonopathy, Subluxation and Partial Tears: What to Do and When
- The Failed Biceps Tenodesis with Pain: What Can be Done?
- Clinical Cases
SHORT ACL GRAFTS SPARE TENDON AND BONE
16:30–17:30  L’Amphithéâtre
Co-Chairs: James H. Lubowitz, MD USA
Stephane Plaweski, MD, PhD, Prof. FRANCE
Michel Collette, MD, BELGIUM
Yasuyuki Ishibashi, MD JAPAN
Hubert Lanternier, MD FRANCE
- Basic Science; Surgical Technique; Tips/Pearls/Pitfalls/Advantages/Disadvantages; Clinical Results
- Short Graft: Progress or ‘Buzz’?
- Remnant Preserving, Double-Bundle, Short Graft ACL
- All Inside-ACL Hybrid EndoTLS

TUESDAY, JUNE 9, 2015

ACL REVISION: EVERYTHING YOU WANTED TO KNOW
10:45–11:45  L’Amphithéâtre
Co-Chairs: Robert G. Marx, MD, MSc, FRCSC USA
Robert A. Arciero, MD USA
Annunziato Amendola, MD USA
Christopher D. Harner, MD USA
Konsei Shino, MD, PhD JAPAN
Stefano Zaffagnini, MD, Prof. ITALY
- Evaluation of Failed ACL: How to Make sure it Works the Second Time, Graft Choice and Technique
- Tunnel and Hardware Problems: When I Single Stage, When I Bone Graft and Technique
- The Role of Extra-Articular Knee Reconstruction in Revision ACL Surgery
- Management of Collateral Ligament Laxity in ACL Revision
- Role of Osteotomy in ACL Revision

ADVANCES IN ELBOW AND WRIST ARTHROSCOPY IN ATHLETICALLY ACTIVE PATIENTS
11:00–12:00  Forum 1
Co-Chairs: Luigi Adriano Pederzini, MD ITALY
Marc Raymond Safran, MD USA
Gregory Ian Bain, MBBS, FRACS, PhD AUSTRALIA
Christophe Louis Mathoulin, Prof., MD, FMH FRANCE
Felix Henry Savoie III, MD USA
- Epicondylitis
- Stiffness and OCD
- Elbow Arthroscopy—The Future
- Wrist Arthroscopy in Sportsmen
- Wrist Arthroscopy in Professional Athletes

TREATMENT OF MASSIVE ROTATOR CUFF TEARS
13:30–14:30  Forum 1
Co-Chairs: Stephen S. Burkhart, MD USA
Philippe P. Hardy, MD, PhD, Prof. FRANCE
Fernando Enrique Barclay, MD ARGENTINA
Seung-Ho Kim, MD, PhD KOREA
Teruhisa Mihata, MD, PhD JAPAN
- Clinical and Radiological Evaluation of Massive Cuff Tears
- Arthroscopic Repair Indications Technique and Results
- Superior Capsule Reconstruction
- What to Do With a Failed Arthroscopic Repair of a Massive Cuff Tear?
- Clinical Cases

BIOLOGICAL AND NEW CONCEPTS TO TREAT LIGAMENT INJURIES
13:30–14:30  Forum 2
Chair: Francois M. Kelberine, MD FRANCE
Giuliano Giorgio Cerulli, MD ITALY
Chih-Hwa Chen, MD TAIWAN
Mahmut Nedim Doral, MD, Prof. TURKEY
- Improvement of Conservative Treatment of Collateral Ligament Injury
- Preserving of Native ACL and ACL Reconstruction in Early Stage
- Biological Treatment for ACL Injury
- Biological Rationale of Manual Drilling for ACL-R
TUESDAY, JUNE 9, 2015 (CONT.)

ADVANCES IN HIP ARTHROSCOPY: HIP CHONDRAL INJURY & ARTHROSCOPIC PROCEDURES
14:00–15:00 Forum 3
Co-Chairs: Marc J. Philippon, MD, USA
Nicolas Bonin, MD FRANCE
Vikas Khaduja, MA, MBBS, MSc, FRCS, FRCS (Orth)
UNITED KINGDOM
Frederic Laude, MD, FRANCE
Richard N. Villar, MA, MS, FRCS UNITED KINGDOM
Chondral Delamination: Fibrin +/- Fast T Fix
Chondral Defect: Microfracture
Chondral Defect: MACI
Osteochondral Defect in Femoral Head: Mosaicplasty With MIS Approach
Outcomes Following Hip Arthroscopy for Osteoarthritis

CARTILAGE AND ACL INJURY
14:30–15:30 L’Amphithéâtre
Co-Chairs: Alberto Gobbi, MD ITALY
Chadwick C. Prodromos, MD USA
Mats Brittberg, MD, PhD, Prof. SWEDEN
Maurilio Marcacci, MD ITALY
Norimasa Nakamura, MD, PhD JAPAN
wACL Primary Repair With Bone Marrow Stimulation and Growth Factors
wAn Algorithm for the Treatment of ACL Tears Accompanied by Articular Cartilage Lesions or Arthrosis
wACL Primary Repair With Bone Marrow Stimulation and Growth Factors
wFuture Possibilities of Treatment with Stem Cells
wACL Reconstruction and Large Cartilage Lesions, One or Two Step Procedures and the Use of Novel Scaffolds

MENISCUS SCAFFOLD OR ALLOGRAFTS? WHERE ARE WE IN 2015?
14:00–15:00 L’Amphithéâtre
Co-Chairs: Joao Duarte Espregueira-Mendes, MD PhD PORTUGAL
Philippe Beaufils, MD FRANCE
Joan Carles Monllau, MD, PhD, Prof. SPAIN
Hélder Miguel Duarte Pereira, MD PORTUGAL
Nicolas Pujoj, MD FRANCE
Peter Verdonk, MD QATAR
Stephano Zaffagnini, MD, Prof. ITALY
wBiology and Biomechanics
wAllografts: Technique–How to Limit Extrusion?
wMenisci: Long Term Outcomes
wScaffolds: Outcomes and Complications
wMeniscectomy vs. Substitution
wIndications and Contraindications in 2015

POSTERIOR SHOULDER INSTABILITY
14:00–15:00 Forum 1
Chair: Pericles P. Papadopoulos, Prof. GREECE
Philippe P. Hardy, MD, PhD, Prof. FRANCE
Christian Gerhardt, MD GERMANY
Kevin P. Shea, MD USA
Hiroyuki Sugaya, MD JAPAN
wEvaluation and Diagnosis of Posterior Shoulder Instability
wArthroscopic Posterior Soft-Tissue Stabilization–Labral Repair, Capsular Shift and RHAGL-Reconstruction
wPosterior Subluxation of the Shoulder in Young Athletes
wFailure of Treatment of Posterior GH Instability–Recurrrent MDI and Chronic Pain

KNEE COLLATERAL LIGAMENTS
15:30–16:30 L’Amphithéâtre
Robert F. LaPrade, MD, PhD USA
Marco Kawamura Demange, MD, PhD BRAZIL
Reha N. Tandogan, MD, Prof. TURKEY
Bruce C. Twaddle, Prof., MD, FRACS USA
wKey Anatomy and Diagnosis of Collateral Injuries
wCase Example and Treatment of Acute MCL/Medial Knee Injuries
wCase Example and Treatment of Chronic Lateral Collateral Knee Injuries
wWhat Are the Outcomes for Medial and Lateral Collateral Injuries?
**Preserving the Meniscus**

15:30–16:30

*Co-Chairs: Roland Becker, MD, PhD, Prof. GERMANY
Christopher D. Harner, MD USA
Mustafa Karahan, Prof. TURKEY
Peter T. Myers, MBBS, FRACS AUSTRALIA
Jean Francois Potel, MD FRANCE*

- wBasic Science of Meniscal Healing and Biomechanics
- wIndication for Meniscus Repair
- wRole of Biological Augmentation in Repair
- wRoot Tear Indications for Repair and Techniques
- wClinical Outcome After Meniscus Repair

**Critical Concepts in Rotator Cuff Repair**

16:30–17:30

*Co-Chairs: Eiji Itoi, MD, PhD JAPAN
Felix Henry Savoie III, MD USA
Stephen S. Burkhart, MD USA
Emilio Calvo, MD, PhD, MBA SPAIN
Andreas B. Imhoff, MD, Prof. GERMANY*

- wClassification of RCT: How to Predict Success or Failure
- wDeadman’s Angle and Biomechanics of Fixation
- wBiomechanics vs. Biology: What is the Perfect Compromise
- wRevision RCR: How to Do it Better
- wOptions and Transfers in Irreparable Tears
- wClinical Cases

**The Unhappy TKR Patient Whose X-Ray Looks Fine: Can We Predict, Prevent and Treat**

16:30–17:30

*Chair: Myles Raphael James Coolican, FRACS AUSTRALIA*

**The Throwing Shoulder: Where Are We Now?**

09:30–10:30

*Chair: Stephen S. Burkhart, MD USA*

**Elite Athletes: Managing Injury, Patients & Team**

09:00–10:00

*L’Amphithéâtre*

*Chair: Marc Raymond Safran, MD, USA*

**SYMPOSIA**

John A. Bergfeld, MD USA
Moises Cohen, MD, PhD, Prof. BRAZIL
Lars Enggebretsen, MD, PhD NORWAY
Joao Alves Grangeiro Neto, MD, MS BRAZIL

- wManaging Injuries in Soccer as a Consultant
- wManaging Injuries in NBA, NFL & MLB as a Team Physician
- wManaging Injuries at the Olympics – From the IOC Perspective
- wPrevention of Injuries – The Brazilian Olympic Team Physician Perspective

**ThursDay, June 11, 2015**

**The Throwing Shoulder: Where Are We Now?**

09:30–10:30

*Chair: Stephen S. Burkhart, MD USA*

- wSLAP Lesions and Their Relationship to Pathomechanics: Do We Need a New SLAP Classification System?
- wIndications and Technique for SLAP Repair
- wBiceps Tenodesis: When Is It Indicated and How Do I Do It?
- wWhen Does the Thrower Need Surgery, and Which Surgery Does He Need?
- wCase Presentations
**SYMPOSIA**

**THURSDAY, JUNE 11, 2015 (CONT.)**

**CUFF ARTHROPATHY: INDICATION AND LIMITATION OF REVERSE SHOULDER ARTHROPLASTY**
10:30 – 11:30 Forum 1

*Chair: Alessandro Castagna, MD ITALY*
Ludwig Seebauer, MD GERMANY
Felipe Toro, MD CHILE
W. Jaap Willems, MD, PhD NETHERLANDS

**CHONDRAL LESIONS IN SOCCER PLAYERS**
11:00 – 12:00 L’Amphithéâtre

*Chair: Norimasa Nakamura, MD, PhD JAPAN*
Ramon Cugat, MD, PhD SPAIN
Antonio Maestro, MD, PhD SPAIN
Bert R. Mandelbaum, MD, DHL (hon) USA
Marc J. Philippon, MD USA

- Epidemiology of Soccer-Associated Chondral Injury and Its Prevention
- Use of Biologics to Treat Chondral Lesions of the Knee
- Soccer-Associated Lesions in the Hip Joint
- Chondral Lesions in Top Players. What Can We Do?

**ADVANCES IN ANKLE ARTHROSCOPY**
12:00 – 13:00 L’Amphithéâtre

*Co-Chairs: C. Niek Van Dijk, MD, PhD NETHERLANDS*
James Calder, MD UNITED KINGDOM
Thomas Bauer, MD FRANCE
Stéphane Guillou, MD FRANCE
Jordi Vega, MD SWITZERLAND

- What’s New in the Treatment of Cartilage Injuries – Are Biological Scaffolds the Way Forwards?
- Arthroscopic Brostrum Lateral Ligament Reconstruction
- Arthroscopic Autograft Lateral Ligament Reconstruction
- Arthroscopy – Is There a Role in Ankle Fracture Management?