



ASM 2024 Scientific Program

17-20 October 2024



Guest Speaker - François M. Kelberine



François M. Kelberine is an orthopaedic surgeon based in Aix-en-Provence, France, specializing in sports traumatology, knee, shoulder, and elbow surgery, with a strong focus on arthroscopic surgery. He has extensive experience in treating sports injuries and performing minimally invasive procedures to improve patient outcomes.

Dr. Kelberine completed his residency at Assistance Publique des Hôpitaux de Marseille from 1981 to 1988, followed by obtaining his certification in general and orthopaedic surgery in Marseille in 1988. He then pursued a fellowship at “La Conception” Hospital in Marseille from 1988 to 1991, further honing his skills in complex surgical techniques.

Throughout his career, Dr. Kelberine has been honored for his contributions to medicine. He was awarded the Gold Medal in Surgery in Marseille in 1987, followed by the Gold Prize for his medical thesis on unicompartamental knee replacement in 1988. These accolades underscore his dedication to advancing surgical techniques and improving patient care.

Dr. Kelberine is an active member of several prestigious national and international scientific societies. In France, he is an ordinary member of SOFCOT, an honorary member and former board member of SFA, and an ordinary member of SFTS, where he served on the board for six years. Internationally, he holds memberships in SECEC, ESSKA (where he served on the scientific committee), and ISAKOS, where he was the past chair of the Orthopaedic Sports Medicine Committee. He is also an affiliate member of the AAOS and a past president of EFOST.

In addition to his clinical practice, Dr. Kelberine has a strong academic presence. He has taught and chaired various national certification programs in arthroscopy, orthopaedic sports medicine, and knee and shoulder surgery. He also served as the chairman of the educational committee of the French Arthroscopic Society from 2003 to 2009. Over the years, he has organized numerous courses and congresses, including the European and Asian arthroscopic courses and the World Sport Trauma Congress in London in 2012. He continues to direct the Advanced Course in Knee Surgery, which is now in its 11th edition.

Dr. Kelberine's research work includes his role as Priva Dozent in Surgical Research in 1991, where he conducted groundbreaking studies on accelerated healing for bone fractures using distraction devices. He has contributed to numerous clinical and fundamental research protocols and is a reviewer for several leading journals in orthopaedics, including MLT, KSSTA, JSES, and OTSR. His prolific career includes numerous scientific lectures, journal publications, and book chapters on arthroscopy, orthopaedic sports traumatology, and the treatment of knee, shoulder, and elbow pathologies.



Guest Speaker - Dan Wascher



Dr. Wascher is Professor Emeritus of Orthopaedic Surgery at the University of New Mexico. He attended medical school at St. Louis University followed by an orthopaedic residency at the University of Rochester in Rochester, New York. He then completed a 2-year fellowship in orthopaedic sports medicine at UCLA.

He began practicing orthopaedic surgery at the University of New Mexico in 1991 and started the Sports Medicine Division there. In 2015-16, he undertook a year-long sabbatical in Lyon, France with Profs. Philippe Neyret & Sebastien Lustig. The focus of his medical practice is on athletic knee injuries and knee arthroplasty. He is a team physician with the University of New Mexico athletic teams and the former director of the Sports Medicine Division fellowship.

Dr. Wascher is the Deputy Editor of the American Journal of Sports Medicine and is also an Associate Editor of the Orthopaedic Journal of Sports Medicine. He served on the Board of Directors of ISAKOS and is the current chair of the ISAKOS Knee Arthroplasty Committee. He is active in the American Orthopaedic Society for Sports Medicine and has previously served as chair of the Traveling Fellowship Committee, Instructional Course Chairman and on the Program Committee and the Education Committee.

He was an AOSSM Traveling Fellow to Australia and New Zealand in 1999. He writes examination questions and served as an oral examiner for the American Board of Orthopaedic Surgery. He is an active member of the AAOS, AOA, AOSSM, ESSKA, and ISAKOS and received an honorary membership to SLARD in 2024. He has authored over 75 peer-reviewed papers and 26 book chapters. He has given orthopaedic lectures on every inhabited continent.



Venue: The Langham Hotel
38 Old Burleigh Rd,
Surfers Paradise QLD 4217
Phone: 61 (7) 5638 8888



Thursday 17 October 2024

3.30pm Coach departure from AOA ASM - Brisbane Convention Centre

5.30pm Registration

6.30pm Welcome Cocktail party - The Langham Hotel

Friday 18 October 2024

7.30am Registration

8.00am Welcome- **Myles Coolican**

8.07am Introduction - **Justin Roe**

Session 1 - Moderator - Justin Roe

8.15am **Guest Lecture - Dan Wascher - The path to orthopaedic surgery in USA and how I balance work and life**

8.30am **David Beard** - Ten Year Follow-Up of a Multicentre Randomised Controlled Trial Assessing Clinical And Cost Effectiveness Of Total Versus Partial Knee Replacement (TOPKAT). "

8.35am **Murilo Leie** - Obesity is Associated with Higher Rates of Revision Following Unicompartmental Knee Arthroplasty

8.40am **Myles Coolican** - Is it really worth changing from computer navigation to robotic knee replacement. A Prospective Study to Compare Patient Outcomes Following Robotic-Assisted and Computer Navigated TKA."

8.45am **David Parker** - The improvement of Oxford knee scores at a single centre over a 20 year period – examining the influence of surgical and patient variables

8.50am **Payam Tarassoli** - Predictors of high Oxford knee score at 1 year following TKR.

8.55am Discussion

Session 2 - Moderator - Peter McEwen

9.20am **Guest Lecture - Francois Kelberine - the patella-the weak point of TKA**

9.35am **Elias Ammann** - Three-compartment concept of TKA alignment - Mismatch between joint lines in 83% of non-osteoarthritic and 88.8% of osteoarthritic knees

9.40am **Brett Fritsch** - The hypoplastic LFC does not exist in valgus knees

9.45am **Bu Ballala** - The morphology of windswept knees and the implications for kinematic alignment

9.50am **Michael Mcauliffe** - What is the Correlation between the Pre-Arthritic Coronal Plane Alignment Predicted by the Arithmetic Hip-Knee-Ankle Angle (aHKA) and the Flexion Extension Balancing Algorithm (FEBA) in Patients Undergoing Primary Total Knee Arthroplasty (TKA) for Osteoarthritis (OA)?

9.55am **Alexander Nicholls** - Does Technology Usage Decrease Revision Total Knee Arthroplasty Rates for Low Volume Surgeons When an Optimal Prosthesis Combination is Utilized? An analysis of 53, 264 primary total knee arthroplasties.

10.00am Discussion

10.30am Morning Tea

Session 3 - Moderator - Andrew Shimmin

10.50am **Tim Whitehead** - Comparison between Restricted Inverse Kinematic Alignment and Restricted Kinematic Alignment in Achieving and Reproducing Soft Tissue Balance in Total Knee Arthroplasty

10.55am **Ben Parkinson** - A Medial Pivot in Total Knee Arthroplasty is Driven by Soft Tissue Balance not Alignment – Results of a RCT.

11.00am **Jobe Shatrov** - Validation of Robotically-Assisted Patella Tracking in Total Knee Arthroplasty

11.05am **Simon Talbot** - Preoperative quadriceps malalignment is associated with poor outcomes after knee replacement which are avoided by externally rotation of the femoral component"

11.10am **Bruce Caldwell** - Extensor Mechanism Allograft (EMA) For Extensor Mechanism Failure (EMF)

11.15am Discussion

11.45am Lunch

6.30pm **Welcome Dinner** - Skypoint (coaches depart from The Langham Hotel at 6.15pm)

Saturday 19 October 2024

Session 4 - Moderator David Parker

8.00am **Guest Lecture - Francois Kelberine - The path to orthopaedic surgery in France**

8.15am **Dean Taylor** - Anatomic ACL

8.25am **Timothy McMeniman** - Does the difference in lateral and medial posterior tibial slope in the ACL deficient knee contribute to high grade rotational instability?

8.30am **David Beard** - Factors Influencing the Decision to Undergo ACL Reconstruction After Unsuccessful Non-Surgical Management - A Sub-Analysis of the ACL SNNAP Study

8.35am **Peter D'Alessandro** - Single Hamstring Tendon Graft using Suspensory Adjustable Button Fixation for Anterior Cruciate Ligament Reconstruction Results in Significantly Lower MRI Graft Signal at both 6 and 12 months: Results from a Subgroup of the DOSTAR Randomised Controlled Trial.

8.40am **Kelly Macgroarty** - 2 year results of patients undergoing ACL reconstruction with Peroneus Longus Tendon graft.

8.45am **Justin Roe** - Long Term Outcome of Simultaneous Bilateral ACL Reconstruction

8.50am Discussion

Session 5 - Moderator Julian Feller

9.20am **Karl Eriksson** - Revision ACLR

9.30am **David Parker** - Incidence and Associated Risk Factors of Second Anterior Cruciate Ligament Tear. Analysis From a High Volume Institution.

9.35am **Jon Anderson** - DK3 - Clinical Readiness Tool: Predicting ACL Reconstruction Revision Risk using the Danish Registry.

9.40am **Sheanna Maine** - Predictors of secondary meniscal pathology following anterior cruciate ligament reconstruction (ACLR): a prospective cohort study from a longitudinal multidisciplinary prospective paediatric ACL Registry

9.45am **Nick Hartnell** - Are Allografts like Apples: can we compare them?

9.50am Discussion

10.15am **David Beard** - ACL STARR

10.30am **Mike Reid** - Report On Korean Arthroscopy Society Travelling Fellowship Report

10.45am Morning tea

Session 6 - Moderator John Bartlett & Jonathan Mulford

11.15am **Guest Lecture - Dan Wascher - Assessment and Management of MLKI**

11.30am **Antony Liddell** - Clinical and MRI outcomes following meniscal repair: A comparison between tear types

11.35am **Rainer Siebold** - Significant improvements in clinical outcome measures and patient satisfaction after combined all-arthroscopic meniscal allograft transplantation and autologous chondrocyte implantation

11.40am **Greg Janes** - Investigating factors associated with 10-year clinical outcome and patient satisfaction following matrix-induced autologous chondrocyte implantation

11.45am **Jo McEwan** - Modern multi-ligament knee injury surgical reconstruction techniques in high demand patients can achieve excellent knee function and patient satisfaction, with low complication rates

11.50am Discussion

12.10pm **Peter D'Alessandro** - Use of CT-based PSI Guides for Knee Osteotomy using the Personalised Surgery system accurately achieves planned Coronal Correction. Radiological outcomes from a Prospective Non-Designer Multi-Centre Series

12.15pm **Antony Liddell** - Double-Level Knee Osteotomy including LOW-HTO in Severely Valgus Malaligned Knees Significantly Corrects Lower Limb Deformity and Provides Satisfactory Functional Outcomes

12.20pm **Timothy Lording** - A knotless suture anchor construct in MCL reconstruction is not inferior to traditional fixation methods

12.25pm **Christian Fink** - A Flat Single Bundle Posterior Cruciate Ligament Reconstruction with a Rectangular Femoral Tunnel Restores Native Knee Kinematics - A Biomechanical Robotic Study

12.30pm Discussion

1.00pm Lunch

Session 7 - Moderator Sam Macdessi & Peter D'Alessandro

1.45pm - 3.00pm Controversial Cases Session

3.00pm Afternoon Tea

3.30pm **AKS Annual General Meeting** (AKS Members only)

6.30pm **Conference Dinner** - The Langham Hotel



Sunday 20 October 2024

Session 8 - Moderator Sheanna Maine & Bruce Caldwell

- 9.00am **Ross Radic** - Long-term performance deficits following anterior cruciate ligament reconstruction using hamstring tendon versus quadriceps tendon autograft.
- 9.05am **Nick Whitworth** - The effect of contralateral limb strength variation on limb symmetry index targets following anterior cruciate ligament reconstruction
- 9.10am **Julian Feller** - Sparta Science Force Plate Assessment of Recovery Following Anterior Cruciate Ligament Reconstruction
- 9.15am **Elias Ammann** - Sex-based differences in physical and psychological recovery, and return to sport, following anterior cruciate ligament reconstruction.
- 9.20am Discussion
- 9.40am **Burt Klos** - Validation of refixation of ALL /Segond complex avulsion diagnosed with dynamic Ultrasound Imaging
- 9.45am **Roger Paterson** - Antero-Lateral Rotatory Instability of the Knee: a flawed concept that has led us astray?
- 9.50am **Julia Kirby** - Prevalence of valgus in paediatric and adolescent patients presenting with patellar instability
- 9.55am **Michael Dan** - TT-TG Ratio provides a more accurate assessment of the need for tibial tubercle transfer osteotomy in Patellar Instability than the absolute measurement for TT-TG.
- 10.00am Discussion
- 10.20am Morning Tea

Session 9 - Moderator David Broe & Michael McAuliffe

- 11.00am John Bartlett- Lessons Learned
- 11.05am Greg Witherow- A few words
- 11.10am Peter Myers- Awkward Osteotomy
- 11.20am TBA
- 11.45am Closing remarks
- 12.00pm Lunch
- 12.30pm Coach transfers (Brisbane Airport, Gold Coast Airport and Noosa)

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