

# connection



AOA  
AUSTRALIAN  
ORTHOPAEDIC  
ASSOCIATION

ASM25 12-16 OCTOBER, HOBART TAS



Scientific  
Program



# Scott Fletcher

## President

One of my key goals for 2025 is to strengthen our sense of community within the AOA—and what better way to do that than by coming together in Hobart for our Annual Scientific Meeting.

As a proud Tasmanian, I'm delighted to welcome you to the 85th ASM, taking place from 12–16 October at the Hotel Grand Chancellor. This year's theme, Connection, reflects our focus on reconnecting with ourselves, each other, and the broader healthcare community.

Beyond the world-class scientific program being developed by Ken Cutbush, our local convenor Matt Wilkinson has worked with the AOA Events team to create a memorable social and sporting program that captures the spirit of Tasmania. From its natural beauty and wilderness to renowned food, wine, and culture—there's no better place to connect and recharge.

I look forward to welcoming you to Hobart and sharing this very special part of the world with you.



# Ken Cutbush

## Scientific Secretary



I'm delighted to invite you to the AOA 85th Annual Scientific Meeting, to be held from 12–16 October 2025 at the Hotel Grand Chancellor, Hobart. This flagship event brings together leading orthopaedic minds from across all sub-specialties—including Arthroplasty, Shoulder & Elbow, Foot & Ankle, Knee, Trauma, Spine, and Medico-Legal.

The 2025 program is designed to maximise learning and engagement, with more case discussions, an expanded Instructional Course Lecture (ICL) series, and renowned international keynote speakers.

With the theme Connection, this year's meeting will focus on collaboration, knowledge-sharing, and strengthening our professional community. The Presidential Plenary promises to be a standout session.

I look forward to welcoming you to Hobart for what's sure to be a memorable and inspiring ASM.

## HIGHLIGHTS FOR 2025

### EDUCATION SESSIONS

Monday 13 October - Thursday 16 October 2025

6.30am - 8.00am

Shoulder/Elbow | Trauma | Arthroplasty | Sports Knee

Education Sessions are primarily aimed at trainees however it will be open to all meeting registrants including consultants and non-training registrars. The Education Sessions will take the form of cases and Q&A.

### OWL Soirée

Monday 13 October 2025

5.30pm - 6.30pm

Join us for an hour of networking with your colleagues.

### STATE OF ORTHOPEDIC ORIGIN QUIZ

Tuesday 14 October 2025

5.30pm - 6.30pm

The excitement is building as the 2024 Champions return to defend their title. Who will rise to the challenge in 2025? Don't miss out!

## REGISTER

4 days secure  
30 CPD hours

# ONSITE INFORMATION

## Venue

Hotel Grand Chancellor - 1 Davey Street Hobart TAS 7000 Australia

## Registration

Located on the mezzanine Level - Hotel Grand Chancellor

Sunday 12 October	2.00pm–5.00pm
Monday 13 October	6.30am–5.00pm
Tuesday 14 October	6.30am–5.00pm
Wednesday 15 October	6.30am–4.00pm
Thursday 16 October	6.30am–2.00pm

## Speakers' preparation room

Located on the mezzanine level, Grand Chancellor 4 (opposite registration desk)

Opening hours are as follows:

Sunday 12 October	2.00pm–4.00pm
Monday 13 October	6.00am–5.00pm
Tuesday 14 October	6.00am–5.00pm
Wednesday 15 October	6.00am–4.00pm
Thursday 16 October	6.00am–2.00pm

## Exhibition

Located on the mezzanine level, Federation Ballroom

Opening hours are as follows:

Monday 13 October	6.30am–5.30pm
Tuesday 14 October	6.30am–5.30pm
Wednesday 15 October	6.30am–3.30pm
Thursday 16 October	6.30am–1.00pm



# SOCIAL FUNCTIONS

## Sunday 12 October 2025

President's Reception

Time: 7.00pm - 9.30pm

Venue: The Henry Jones Art Hotel, The Atrium

Dress: Smart Casual

(Included in registration, select to attend when registering)

## Monday 13 October 2025

President's Dinner (7.00pm-10.30pm)

(Invitation only)

## Monday 13 October 2025

OWL Soirée

Time: 5.30pm - 6.30pm

Venue: Mezzanine Level - Harbour View Room 1, Hotel Grand Chancellor

## Wednesday 15 October 2025

Gala Dinner

Time: 7.00pm - 11.00pm

Venue: Glen Albyn Estate

Theme: An elemental journey through the extremes – the flicker of fire, the flow of water, and the chill of ice.

Attire : Gentleman - Suit or Black Tie - Red tie or bowtie

Ladies - evening attire - Add something red – a bold clutch, shimmering shawl, statement heels, or striking jewellery

Coaches: Transport will be provided departing 6.30pm from the Hotel Grand Chancellor

(Register to attend: Cost \$150)

# connection



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ASSOCIATION

**ASM25 12-16 OCTOBER, HOBART TAS**

	Sunday 12 October 2025	Monday 13 October 2025	Tuesday 14 October 2025	Wednesday 15 October 2025	Thursday 16 October 2025
6.30am - 8.00am		Shoulder / Elbow	Trauma	Education Sessions Arthroplasty	Sports Knee
8.00am - 9.30am		General Shoulder / Elbow Trauma	Arthroplasty General	Free Paper - Concurrent Sessions Arthroplasty General	Arthroplasty Sports Knee
8.00am - 9.30am			Arthroplasty	Arthroplasty	Arthroplasty
9.30am - 10.00am		Morning Tea			
10.00am - 12.00pm		Opening Ceremony	Arthroplasty Medico Legal Outreach	NJRR Plenary	Arthroplasty Arthroplasty - Guest Speakers
12.00pm - 1.00pm		Lunch			
1.00pm - 3.00pm		Foot and Ankle Shoulder / Elbow Trauma	Arthroplasty APOA ANZLRS	Plenary - Connection	Arthroplasty General - Best Papers - Research Foundation Sports Knee
3.00pm - 3.30pm		Afternoon Tea			
3.30pm - 5.30pm	Registration	Shoulder / Elbow Spine Trauma	Plenary - Innovation - Keynote Speaker	AOA Business AOA Fellowships & Award Ceremony	
5.30pm - 6.30pm		OWL Soirée	State of Orthopaedic Origin Quiz		
Social	Presidents Reception	Presidents Dinner (Invite only)	Industry Dinners	Gala Dinner	

# Scientific Program

85th Australian Orthopaedic Association  
Annual Scientific Meeting  
12-16 October 2025

Hotel Grand Chancellor  
Hobart, Australia



**AOA**  
AUSTRALIAN  
ORTHOPAEDIC  
ASSOCIATION

## MONDAY 13 October 2025

Opening Ceremony 10.00am - 12.00pm Grand Ballroom  
Moderator: Scott Fletcher

10.00am	Welcome	Scott Fletcher
10.15am	Molly's Story	Molly Bellchambers
10.20am	Training and Education	Chris Kondogiannis & Bryan Ashman
10.40am	The Evidence Base	Paul Smith & Michael Schuetz
10.50am	Leadership and Management	Mark Moroney & Adrian Cosenza
11.00am	Navigating though Complexity	Flavia Senkubuge
11.30am	LO Betts Award	Peter Lewis
11.45am	The Scientific Program	Ken Cutbush
11.50am	The Social Program	Matt Wilkinson
11.55am	Closure	Scott Fletcher



AOA  
PRESIDENTIAL  
GUEST SPEAKER

Flavia Senkubuge  
South Africa



OPENING CEREMONY

**6.30am - 8.00am Education Session** **Grand Ballroom 1**  
**Moderators: Kevin Eng | Michael Bullen | Richard Dallalana | Richard Jamieson**

- 6.30am Elbow and shoulder trauma – Current Concepts
- 6.50am Elbow and shoulder trauma – Cases
- 7.40am Panel Discussion



**8.00am - 9.30am Shoulder / Elbow Free Papers** **Grand Ballroom 2**  
**Moderators: Soong Chua | Kevin Eng**

- 8.00am Invited Guest Speaker - Marc Hirner - Metallic augments vs bone graft for glenoid bone loss in RTSR**
- 8.15am Discussion
- 8.25am **Saniya Massey** - The effects of humeral stem fixation on outcomes of Reverse Shoulder Arthroplasty for Fracture. Study of Australian Orthopaedic Association National Joint Replacement Registry.
- 8.30am **Allan Wang** - Bioinductive collagen patch augmentation of high-grade partial thickness rotator cuff tendon tears improves early symptoms and functional recovery compared to standard arthroscopic repair: A prospective randomized controlled trial.
- 8.35am **Narinder Kumar** - Characteristics and longer-term outcomes of radial head arthroplasty in Australia over 15 years
- 8.40am **Nitin Kankarla** - Operative management of elbow ankylosis from heterotopic ossification: a novel surgical technique utilising an internal joint stabiliser
- 8.45am **Cooper Moody** - Low incidence of adverse events or construct failure of a novel high-strength No.2 round suture in rotator cuff repair: An IDEAL Stage 2a assessment retrospective cohort analysis
- 8.50am Discussion
- 9.00am **Richard Appleyard** - Effect of rotator cuff tear patterns on shoulder biomechanics: An ex-vivo cadaveric study
- 9.05am **Victor Chen** - Pain and gain - an evaluation of the role of cytokines in rotator cuff healing
- 9.10am **Nilasi Seneviratne** - Current clinical practice among orthopaedic surgeons in Australia for treatment of mid shaft clavicle fractures
- 9.15am **Cassandra Isherwood** - Decreased post-operative numbness following clavicle operative fixation with supraclavicular nerve preserving vs sacrificing techniques – a systematic review and meta-analysis
- 9.20am Discussion

**1.00pm - 3.00pm Shoulder Replacement Surgery** **Grand Ballroom 2**  
**Moderators: Richard Page | Angela Alder-Price**

- 1.00pm Invited Guest Speaker - Marc Hirner - Inlay, onlay, flushlay in RTSR - does it really matter?**
- 1.20pm Discussion
- 1.30pm **David Gill** - Does lateralisation and distalisation effect revision rates and patient experience in primary stemmed reverse shoulder arthroplasty?
- 1.40pm **Fiachra O Deasmhunaigh** - CROSS-RSA (Clinical and Radiographic Outcomes in Shoulder Surgery – Reverse Shoulder Arthroplasty) – From Planning to Outcomes: Validating a 3D Radiographic Method Using Autosegmentation
- 1.50pm Discussion
- 2.00pm Invited Guest Speaker - Marc Hirner - Determining the cost benefit of robotic surgery**
- 2.10pm Invited Guest Speaker - Marc Hirner - Incorporating the scapulothoracic joint into a planning workflow for shoulder replacement**
- 2.20pm Discussion
- 2.30pm **Richard Page** - Impact of Digital Planning on TSR Outcomes + Reverse vs anatomic for shoulder OA
- 2.40pm **Richard Dallalana** - Custom TSR - Case examples / indications / current published outcomes
- 2.50pm Discussion



**Invited Guest Speaker**  
**Mark Hirner**  
 New Zealand

**3.30pm - 5.30pm Shoulder – Rotator Cuff and Instability** **Grand Ballroom 2**  
**Moderators: Sumit Raniga | Sindy Vrancic**

- Instability**
- 3.30pm Invited Guest Speaker - Khalid Mohammed - President, New Zealand Orthopaedic Association**  
**Managing shoulder instability in professional rugby players - An algorithm approach**
  - 3.50pm **Greg Hoy** - Instability in athletes and when to use the 'J-Graft'
  - 4.10pm Panel – AFL vs Rugby Shoulders – harder, easier or just the same?
- Rotator Cuff**
- 4.25pm **Kenneth Cutbush** - Driving restrictions recommendations following shoulder surgery: A cross-sectional survey among Australian Orthopaedic Surgeons
  - 4.35pm **Ayham Yasein** - Outcomes of arthroscopic rotator cuff repair with autologous biceps tendon graft augmentation for large and retracted tears
  - 4.45pm Discussion
  - 4.55pm Invited Guest Speaker - Marc Hirner - What is the literature telling us about PRP use for shoulder pathology**
  - 5.10pm **Sumit Raniga** - The Biomechanics of Anterior Cable Reconstruction for Unreparable Posterior Superior Rotator Cuff Tears.
  - 5.20pm Panel Discussion



**Invited Guest Speaker**  
**Khalid Mohammed**  
 New Zealand

**8.00am - 9.30am Trauma Free Papers** **Grand Ballrom 3**  
**Moderators: Michael Schuetz, Michael Raschke**

- 8.00am **Kazuhiko Udagawa** - Dual fixation of pubic symphysis diastasis injuries in pelvic trauma using a memory staple and plate fixation combination
- 8.10am **Mark Rickman** - How important is fracture stability achieved with acetabular trauma fixation principles in 'fix and replace' for acute acetabular fractures? A comparison of revision and complication rates in an International multicenter study
- 8.20am **Isabella Gosper** - Pelvic Ring Injury Management Evaluation (PRIME): Mapping the trends, risk factors and cost of pelvic trauma hospitalisations in Queensland
- 8.30am Discussion
- 8.40am **Shaun Mauiliu** - Adolescent femoral fractures in the Samoan Population
- 8.50am **Jed Campbell** - Unilateral CT is inaccurate for the diagnosis of syndesmotic malreduction post internal fixation
- 9.00am **Trong Nguyen** - Reduced Complications and Re-operations with Plate Osteo-synthesis in Patella Fractures: A Retrospective Cohort Study
- 9.10am **Prince Singh** - Orthopaedic Skills Training: Multi-Trajectory Targeted Drilling Simulation in SawBone Models
- 9.20am Discussion



**1.00pm - 3.00pm Trauma** **Grand Ballrom 3**  
**Moderators: Peter Smitham | Frankie Ka Li Leung**

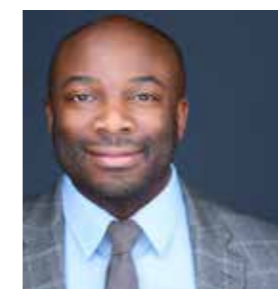
- 1.00pm Invited Guest Speaker - Michael Raschke - Tibial plateau fractures with associated ligamentous injuries**
- 1.20pm Invited Guest Speaker - Olufemi Ayeni - President Canadian Orthopaedic Association**  
**Fixing the Fracture: When an arthroscope can help**
- 1.30pm Discussion
- 1.40pm **Mofakhkharul Bari** - Ilizarov Method For Traumatic Limb Fractures At Risk Of Amputation: A Retrospective Analysis Of Healing And Functional Outcomes
- 1.50pm **James Bilbrough** - Are Patients Accurate at Reporting Opioid Use Following Orthopaedic Trauma Surgery?
- 2.00pm **Andrej Trampuz** - Long-term opioid use in operatively managed orthopaedic patients with fracture-related infections: A data linkage study
- 2.10pm Discussion
- 2.30pm Invited Guest Speaker - Michael Raschke - Trauma Management in 2040 - what will change?**
- 2.50pm Discussion

**3.30pm - 5.30pm Trauma** **Grand Ballrom 3**  
**Moderators: Paul Tornetta III | Michael Raschke**

- 3.30pm Invited Guest Speaker - Paul Tornetta III - President American Academy of Orthopaedic Surgeons**  
**Current Concept - Periprosthetic distal femur fractures**
- 3.50pm **Michael Le** - Comparing Mortality Outcomes of ORIF versus Revision Total Hip Arthroplasty in Vancouver B2 and B3 Periprosthetic Fractures: A Multicenter Propensity Matched Cohort Study
- 4.00pm **Naveen Mareddy** - Post-operative outcomes in patients managed for Vancouver B2 periprosthetic fractures – a comparative analysis of Revision to a distally fitting stem, open reduction internal fixation and cement in cement revision.
- 4.20pm Discussion
- 4.30pm Invited Guest Speaker - Kyle Jeray - President American Orthopaedic Association**  
**Osteoporosis and building a bone health program**
- 5.00pm **Su Yin Denise Chia** - Time to hip fracture surgery in rural New South Wales: data from an orthopaedic rural referral centre
- 5.10pm **Matthias Wittauer** - No Difference with Blade vs Screw Femoral Neck Fixation in Intertrochanteric Fractures
- 5.20pm Discussion



**Invited Guest Speaker**  
**Michael Raschke**  
 Germany



**Invited Guest Speaker**  
**Olufemi Ayeni**  
 Canada



**Invited Guest Speaker**  
**Paul Tornetta III**  
 United States



**Invited Guest Speaker**  
**Kyle Jeray**  
 United States

# Monday 13 October 2025

**8.00am - 9.30am General Free Papers Grand Ballroom 1**  
**Moderators: Odette Koch | Jennifer Green**

- 8.00am **Heidi Freeman** - Scapholunate Ligament Injuries: A Systematic Review of Long-term Outcomes
- 8.06am **Bruno Eiras Crepaldi** - Carpal Kinematics in the Normal, Scapholunate Ligament Deficient, and Surgically Reconstructed Wrist
- 8.12am **Bruno Eiras Crepaldi** - Outcome of primary tendon grafts for open Zone 3 extensor tendon injuries.
- 8.18am **Freya Roberts** - Facilitators and barriers to the implementation of WALANT in hand surgery practice: A systematic scoping review
- 8.24am **Freya Roberts** - WALANT (Wide-Awake Local Anaesthesia No Tourniquet) surgery in Australia
- 8.30am **Warren Jacob** - Cross-sectional Study on patients presenting with Carpal Tunnel Symptoms
- 8.36am Discussion
- 8.46am **Rory Young** - Safety profile of the posterolateral approach to the ankle- a large single centre data set analysis
- 8.52am **Beatrice Carter** - The Impact of Syndesmosis Fixation Method on Surgical Outcomes: A Retrospective Analysis of Repeat Surgery and Infection Risk
- 8.58am **Meghan Dares** - Understanding patient characteristics and presenting complaints in a large multidisciplinary orthopaedic foot and ankle clinic: A two-year observational study
- 9.04am **Gabrielle Lee** - Injury Types and Locations in Physical Elder Abuse
- 9.10am **Daniel Gould** - Characterising the morbidity and mortality of intramedullary fixation for femoral metastases from 1996 to 2023
- 9.16am **Dareen Rednah** - 10 Hard-Earned Lessons from My Early Years in Orthopedic Oncology
- 9.22am Discussion



# MONDAY 13 October 2025

**1.00pm - 3.00pm Foot & Ankle Grand Ballroom 1**  
**Moderators: Peter Stavrou | Simon Platt**

- 1.00pm Chris Pearce - Invited Guest Speaker - Ankle instability and surgical treatment (Virtual)**
- 1.20pm **Yui Yee Felice Tong** - Challenging Orthopaedic Dogma: Early Surgery During Fragmentation Phase of Midfoot Charcot Is Safe and Effective
- 1.30pm **Imogen Swann** - The impact of minimally invasive bunion surgery on women's perception of pain, foot appearance and footwear choice
- 1.40pm **Eugene Gehr** - New dynamic test for Lateral Ligament Injuries of the ankle.
- 1.50pm **TBA** - 2025AOFAS Best registrar / fellow paper
- 2.00pm **Candice Anderson** - Patient outcomes after hallux valgus correction with scarf-akin osteotomy versus percutaneous chevron-akin osteotomy (PECA): a systematic review and meta-analysis.
- 2.10pm **Mofakhkharul Bari** - Ilizarov in Charcot Arthropathy and Management of Diabetic Foot Ulcer (DFU) using Tibial Transverse Technique (TTT), Bangladesh Experience
- 2.20pm Chris Pearce - Invited Guest Speaker - Treatment of ankle osteochondral lesions (Virtual)**
- 2.40pm Case discussions



**Invited Guest Speaker**  
**Chris Pearce**  
 Singapore



# Monday 13 October 2025

**3.30pm - 5.30pm Spine Grand Ballroom 1**  
**Moderator: David Edis**

- 3.30pm **Wai Yan Bettina Fung** - Closing the Gap: Cervical Spine Injury Detection and Management in Regional Emergency Departments
- 3.40pm **Ayham Yasein** - Predictors of Minimal Clinically Important Difference Following Lumbar Decompression: The Influence of Demographic, PROMs, and Preoperative Radiographic Parameters
- 3.50pm **Stone Sima** - Patients with Chronic Low Back Pain Without Advanced Disk Degeneration Exhibit Gut Microbiome Dysbiosis: Evidence from an Age, Sex and BMI Matched Study.
- 4.00pm **Bryan Ashman** - Spine Curriculum within AOA training
- 4.15pm **David Edis, Davor Saravanja and Rob Kuru**  
 Case Discussions - Current spinal balance theory and practical applications and implications for arthroplasty surgeons. hip-spine pain diagnostic approach and cervical-shoulder pain diagnostic approach and practical applications.



# connection



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ASM25 12-16 OCTOBER, HOBART TAS

Johnson & Johnson  
MedTech

## Experience the J&J MedTech Innovation Room at the 2025 AOA Annual Scientific meeting.

**Mon 13<sup>th</sup> – Thurs 16<sup>th</sup> October 2025**

**8am – 5pm (30min slot)**

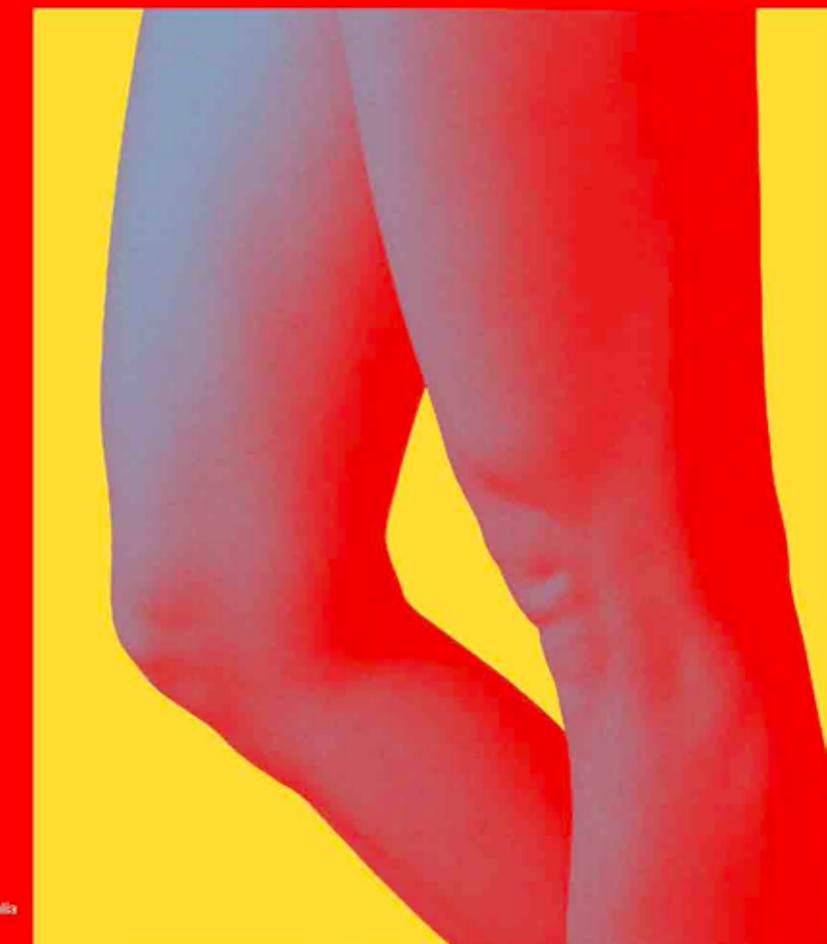
J&J MedTech Innovation Room  
is coming to AOA ASM 2025.  
An experience that will give  
visitors an understanding of the  
advancements in our technology  
and arthroplasty solutions.

The innovation room has limited  
availability.



**SCAN  
HERE**

to register  
now



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Total Knee Arthroplasty  
with OXINIUM<sup>®</sup> Technology

CORI<sup>®</sup>  
Surgical System



CORI  
Digital Tensioner  
Assess joint laxity before  
bone resection



## + Rediscover normal

Enabling patients to return to their perceived normal lifestyle is the driving need for total knee design. The anatomical design of JOURNEY II TKA is intended to restore normal shapes, position and motion<sup>1-5</sup> to help patients rediscover their normal through a smoother recovery, improved function and higher patient satisfaction.<sup>4-12\*</sup>

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\*Compared to non-JOURNEY II knees.

1. Inrichishima T, Ryu K. A Comparison of Rollback Ratio between Bicruciate Substituting Total Knee Arthroplasty and Oxford Unicompartamental Knee Arthroplasty. J Knee Surg. 2018;31(6):568-572. 2. Murakami K, Hamai S, Okazaki K, et al. Knee kinematics in bi-cruciate stabilized total knee arthroplasty during squatting and stair climbing activities. J Orthop. 2018;15(2):650-654. 3. Carpenter RD, Brillhault J, Majumdar S, Ries MD. Magnetic resonance imaging of in vivo patellofemoral kinematics after total knee arthroplasty. Knee. 2009;16(5):332-336. 4. Grieco TF, Sharma A, Delsing GM, Cates HE, Komistek RD. In Vivo Kinematic Comparison of a Bicruciate Stabilized Total Knee Arthroplasty and the Normal Knee Using Fluoroscopy. J Arthroplasty. 2018;33(2):565-571. 5. Smith LA, Nachtrab J, LaCour M, et al. In Vivo Kinematics: How Important Are the Roles of Femoral Geometry and the Cruciate Ligaments? J Arthroplasty. 2021;36:1445-1454. 6. Murakami K, Hamai S, Okazaki K, et al. In vivo kinematics of gait in posterior stabilized and bicruciate-stabilized total knee arthroplasties using image-matching techniques. Int Orthop. 2018;42(11):2573-2581. 7. Nodzo SR, Carroll KM, Mayman DJ. The Bicruciate Substituting Knee Design and Initial Experience. Techniques in Orthopaedics. 2018;33(1):37-41. 8. Mayman DJ, Patel AR, Carroll KM. Hospital Related Clinical and Economic Outcomes of a Bicruciate Knee System in Total Knee Arthroplasty. Poster presented at: ISPOR Symposium; 19-23 May, 2018, Baltimore, Maryland, USA. 9. Di Benedetto P, Vidi D, Colombo, Buttironi MM, Cairero V, Causero A. Pre-operative and post-operative kinematic analysis in total knee arthroplasty. A pilot study. Acta Biomed. 2019;90:91-97. 10. Kosse NM, Heesterbeek PJ, DeBoer KC, Wymenga AB, Hellemondt GG. Minor adaptators in implant design bicruciate-substituted total knee system improve maximal flexion. Poster presented at: 2nd World Arthroplasty Congress; 19-21 April, 2018, Rome, Italy. 11. Takubo A, Ryu K, Inrichishima T, Tokuhashi Y. Comparison of Muscle Recovery Following Bi-cruciate Substituting versus Posterior Stabilized Total Knee Arthroplasty in the Asian Population. J Knee Surg. 2017;30(7):725-729. 12. Noble PC, Gordon MJ, Weiss JM, et al. Does Total Knee Replacement Restore Normal Knee Function? Clin Orthop Relat Res. 2005;431:157-165.

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## Introducing Mako Shoulder.

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Are you  
ready for  
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Spaces are limited.  
Secure your SHOULDER  
demo now



Spaces are limited.  
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\*Mako SmartRobotics™ supports more procedures and greater possibilities than before by including additional surgical indications including Advanced Primary and Revision Hip on the Mako 4 system and Mako Shoulder on the Mako 3.11 system.

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## 8.00am - 9.30am Arthroplasty Free Papers - Concurrent A Grand Ballroom 1

- Moderator: Catherine McDougall**
- 8.00am **Camdon Fary** - Is Change in Walking Asymmetry Correlated with Changes in Quality of Life in Patients Undergoing Total Joint Arthroplasty?
  - 8.07am **Francis Connon** - Effect of subvastus approach total knee arthroplasty on inpatient opioid consumption and length of inpatient stay
  - 8.14am **Sarthak Chopra** - What are the predictors of encounter cost for elective lower limb arthroplasty in a public hospital setting?
  - 8.21am **Shyamolie Mathur** - Radiological Variables affecting Patient Reported Outcome Measures in Total Hip Arthroplasty
  - 8.28am **David Liu** - Early Functional Recovery and Gait Metrics in Robotic-Assisted Total Hip Arthroplasty: A Pilot study using Real-World Data
  - 8.35am **Al Burns** - The role of hip arthroscopy in the painful THR
  - 8.38am Discussion
  - 8.45am **Piers Yates** - Does head size and gender matter with ceramic-on-ceramic hip resurfacing?
  - 8.52am **Savannah Brooks** - A comparative review of the outcome of anterior to direct lateral approaches of hemiarthroplasty for acute neck of femur fractures
  - 8.59am **Daewoong Jung** - Evaluating the Quality and Utility of artificial intelligence generated information on Total Knee Arthroplasty.
  - 9.06am **Christina Esposito** - Minor deviations in cup centre of rotation can reduce final range of motion in total hip arthroplasty.
  - 9.13am **Duncan Bakke** - Lumbar Lordosis Angles Can Be Predicted From Radiographs That Exclude L1
  - 9.20am **David Liu** - A comparison of pre-operative 2D versus 3D templating to predict component sizes in primary total hip arthroplasty.
  - 9.27am Discussion

## 8.00am - 9.30am Hip Planning Session - Concurrent B Grand Ballroom 2

- Moderators: Matt Lyons | Cathie Hibberd**
- 8.00am **Duncan Bakke** - Accuracy of AI Segmentation for THA Planning
  - 8.07am **Marco Schneider** - AI Automated Hip-Spine Assessment Achieves Comparable Accuracy to Human Observers: A Study with Multiple Human Observers
  - 8.14am **Matt Lyons** - Who needs 3D planning for THA?
  - 8.21am **Andrew Shimmin** - Impact of Preoperative Spinopelvic Risk Factors on Functional Outcomes After Total Hip Arthroplasty: A Retrospective Cohort Study
  - 8.28am Discussion
  - 8.32am **Dirk van Bavel** - Functional safe zone guidance in THA - can a robot help me identify implant alignment for improved range of motion?
  - 8.39am **Camdon Fary** - Determining Cup Position, Leg Length and Offset using Intraoperative 2D/3D Registration in Direct Anterior Approach Total Hip Arthroplasty
  - 8.46am **Daniel Mandziak** - A comparison of robotic-arm assisted THA vs fluoroscopic guided THA between experienced DAA surgeons: a 3-dimensional analysis
  - 8.53am **Tom Ward** - Thanks to artificial intelligence, 3D-2D registration is now a useful tool to intraoperatively measure offset and leg length changes in direct anterior hip replacement surgery
  - 9.00am **Andrew Shimmin** - The Hip User Index - A Single Metric for Assessing Spinopelvic Risk in THA
  - 9.07am Discussion
  - 9.11am **Invited Guest Speaker - Richard McCalden - The Spine/Pelvic Relationship: What Do You Need to Know?**

## 10.00am - 12.00pm Hip Delivery Session Grand Ballroom 1

- Moderator: Michael O'Sullivan**
- 10.00am **Matt Lyons** - Hip navigation teaching effect.
  - 10.07am **Dirk van Bavel** - Variations in Greater Trochanter Clear Space makes proximal femoral array use challenging.
  - 10.14am **Josh Petterwood** - Evaluating the Performance of a CT-Free Pinless Robotic THA System: Accuracy, Efficiency, and Patient Outcomes
  - 10.21am **Tim Cheok** - No difference in short term survivorship and outcomes following robotic arm-assisted versus conventional primary total hip arthroplasty: A propensity score matched cohort study
  - 10.28am **Matt Lyons** - Accuracy of an inertial portable navigation system for cup positioning in THA
  - 10.35am **Michael O'Sullivan** - Scanogram Leg Length Measurement After Total Hip Arthroplasty - Not All Landmarks Are Created Equal
  - 10.42am Discussion
  - 10.45am **Invited Guest Speaker - Richard McCalden - Periprosthetic Femoral Fractures- How to manage the coming tsunami**
  - 11.05am **Marco Schneider** - Femoral Version Measurements Vary Significantly Between Commonly Used Methods - Implications for defining diagnostic thresholds
  - 11.12am **Mason Jong** - Effect of accurate landmarks in navigated total hip replacement
  - 11.19am **Matt Lyons** - The Preoperative Plan Femoral Stem Heat Map Can Predict Distal Reamer Use in Hip Arthroplasty
  - 11.26am **Piers Yates** - Ceramic Resurfacing, Post-operative Magnetic Resonance Imaging and Clinical Outcomes
  - 11.33am **Shefta Huda** - Predicting treatment success of debridement, antibiotics and implant retention for prosthetic joint infections - a piece of CAKE
  - 11.40am **Matthias Wittauer** - 1.5-Stage Arthroplasty for the Management of Native Joint Septic Arthritis: A Comparative Study with Two-Stage Arthroplasty
  - 11.47am Discussion

## 1.00pm - 3.00pm Knee Patello & Balance Grand Ballroom 1

- Moderator: David Liu**
- 1.00pm **Georgina Waters** - Clinical outcomes of a 'patella-friendly' medial pivot total knee arthroplasty with and without patella resurfacing: A prospective randomised study
  - 1.07pm **Sina Babazadeh** - No increased risk of patella related revisions when comparing ultra-congruent versus cruciate retaining polyethylene liners in primary total knee arthroplasties with an unresurfaced patella: An Australian registry study of 42,105 knee arthroplasties
  - 1.14pm **Tom Ward** - Changes in patellofemoral kinematics after implantation of kinematically aligned total knee replacements.
  - 1.21pm **Tom Ward** - Kinematic Assessment of the Patella in Open vs Closed and Loaded vs Unloaded Total Knee Replacements
  - 1.28pm **Takaaki Hiranaka** - Patellar Tracking Patterns Show No Correlation with CPAK Classification in Robotic-Assisted TKA
  - 1.35pm **Andrew Li** - Robotic Assessment of Coronal Patella Tracking in Total Knee Arthroplasty: Correlation with Early Patient-Reported Pain
  - 1.42pm Discussion
  - 1.47pm **Navneet Chadha** - Development of the Early Pain Intervention after Knee replacement (EPIK) model of care
  - 1.54pm **Luke Rao** - Radiofrequency ablation - an adjunct for treatment of osteoarthritis
  - 2.01pm **Josh Petterwood** - Investigation of International Variation in the Recovery of Objective Gait Metrics Following Total Joint Arthroplasty
  - 2.08pm **Gavin Clark** - Large Posterior Osteophytes Have No Effect on Final Balance in Total Knee Arthroplasty
  - 2.15pm **Dermot Collopy** - Knee Hyperextension is a Sign of Through-Range Laxity and Does Not Require Distalisation of the Joint Line to Achieve Balance, Stability and Good Clinical Outcomes.
  - 2.22pm **Matthew Mann** - Defining the Short and Long-term Natural History of Maximum Knee Flexion Range After Robotic Assisted Total Knee Arthroplasty: Are You Really Doomed if You Start Out Stiff?
  - 2.29pm **Simon Coffey** - Digital Soft Tissue Assessment in Total Knee Arthroplasty is More Repeatable with Robotic than Manual Tensioning Methods
  - 2.36pm Discussion

## 6.30am - 8.00am Trauma - Education Session Grand Ballroom 1

- Moderators: Michael Schuetz | Peter Smitham**
- 6.30am **Paul Tornetta III** - President American Academy of Orthopaedic Surgeons - Open tibia fractures - Initial management
  - 6.45am **Frankie Ka Li Leung** - Asia Pacific Orthopaedic Association - APOA Journal Editor Prevention of fracture related infection
  - 7.00am **Michael Raschke** - Invited Guest Speaker - Infection after Osteosynthesis - are interdisciplinary structures needed?
  - 7.15am **Andrej Trampuz** - Chair, Device-Related Infection Management Royal Brisbane and Women's Hospital - Antibiotics Concepts for Fracture related Infections
  - 7.30am **Frankie Ka Li Leung** - Asia Pacific Orthopaedic Association - APOA Journal Editor Case Discussion - Posttraumatic Infection (Joint)
  - 7.45am **Michael Raschke** - Invited Guest Speaker - Case Discussion - Posttraumatic Infection (Shaft)



## 8.00am - 9.30am General Free Papers Grand Ballroom 3

- Moderators: Ken Cutbush | Juliette Gentle**
- 8.00am **Joshua Chew** - Integrating Artificial Intelligence into Blinded Qualitative Assessment of Orthopaedic SET Applicants
  - 8.06am **Clara Freeman** - Gender Experiences of Orthopaedic Practitioners in Australia: A Sequential Exploratory Mixed Methods Study
  - 8.12am **Daniel Gould** - Validation of a novel blood loss formula as a measure of postoperative morbidity
  - 8.18am **David Chang** - Less trash, more treasure. Waste production and reduction in Orthopaedic surgery
  - 8.24am **Alexander Price** - Accuracy of externally-performed screening ultrasound scans for developmental dysplasia of the hip compared with those performed at a tertiary centre; a Western Australian perspective
  - 8.30am **Mofakhkharul Bari** - The Ilizarov Technique: Innovative Solutions for Complex Orthopaedic Infections and Deformities
  - 8.40am **Jeremy Abetz** - Outcomes of paediatric intra-articular (epiphyseal) radial head fractures: a systematic review
  - 8.46am Discussion
  - 8.51am **Des Soares** - Pacific Islands Orthopaedic Association - what our trainees and graduates have told us about their training experience
  - 8.57am **Hamza Tareen** - Intraoperative Radiation Exposure in Orthopaedic Surgery: A Systematic Review
  - 9.03am **Nariyoshi Miyata** - Country, Community, and Care: Telehealth Fracture Services for Remote Indigenous Populations
  - 9.09am **Nariyoshi Miyata** - Sustainable Fracture Care Models for Remote Australia: Outcomes from the Mount Isa Telehealth Fracture Clinic
  - 9.15am **Joash Kumar** - Tap water vs. sterile saline for wound cleansing: evaluating cost differences and waste reduction in a tertiary hospital in Australia
  - 9.21am **Benjamin Gompels** - A Service Evaluation of the Operative Length of Anterior Cruciate Ligament Reconstruction and Associated Procedures
  - 9.27am Discussion



**ASM25 12-16 OCTOBER, HOBART TAS**

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## Tuesday 14 October 2025

10.00am - 12.00pm

**Outreach**  
**Moderator: Mark Moroney**

**Grand Ballroom 3**

- 10.00am Graham Hextell - Australian orthopaedic connections throughout the region.
- 10.10am John Bosanquet - The evolution of orthopaedic care in a regional hospital in Nepal.
- 10.20am Ben Wilcox - Registrar experience connecting with Outreach activities.
- 10.30am Juvencio Dias - Timor Leste: Domestic violence orthopaedic presentations.
- 10.40am Matthew Wilkinson - Reconnecting in Timor Leste.
- 10.50am Robert Fa'Ataga - Establishing a spinal surgery service in Samoa.
- 11.00am John Cunningham - Experienced surgeon - novice volunteer: the Tongan encounter.
- 11.10am Paul Pincus - Support a Fellowship exam in a low-resourced neighbouring country.
- 11.20am John Tuffley - Function of the Programs, Monitoring and Evaluation Committee within Orthopaedic Outreach.



11.30am Outreach Annual General Meeting

## Tuesday 14 October 2025

10.00am - 12.00pm

**Medico Legal Society**  
**Moderator: Drew Dixon**

**Grand Ballroom 2**

- 10.00am **Invited Guest Speaker - Andrew Morgan - Hydrowood: Salvaging the Past, Building the Future**  
**Andrew turned the daring idea of salvaging Lake Pieman's drowned timber into the internationally acclaimed Hydrowood**
- 10.30am Sue Liew - The MD IME process for spinal surgery approvals under WSV - Sue Liew
- 10.45am Jobe Shatrov - Fueling Recovery: Peptides, Pitfalls, and Progress - The Current State of Play
- 11.10am Drew Dixon - RVM [2024] NSW DC - Drew Dixon
- 11.15am Leon Kleinman - The Weight of Evidence
- 11.30am Peter Papantoniou - Orthopaedic Spinal and Legal Practice
- 11.45am Stephen Milgate - ASOS Update
- 12.00pm Medicolegal Society Annual General Meeting
- 12.15pm ASOS Annual General Meeting



## Tuesday 14 October 2025

1.00pm - 3.00pm

**Australian and New Zealand Limb Reconstruction Society (ANZLRS)**  
**Moderator: Sheanna Maine**

**Grand Ballroom 3**

- 1.00pm Sheanna Maine - Welcome - Surgical planning and accuracy of deformity correction in 2025 - what should we be aiming for?
- 1.10pm **Invited Speaker - Fergal Monsell - Principles of long bone deformity correction /osteotomy rules**
- 1.20pm Leo Donnan - Limits of the Miniacci method. Why it can't work for all knee osteotomies and what to do next...
- 1.30pm Chris Harris - The future of complex deformity correction - double level osteotomies and biplanar corrections - how to plan my 3D printed jig.
- 1.40pm **Invited Speaker - Fergal Monsell - Changes in Limb recon over the last 30 yrs**
- 1.55pm Liam Fernando-Canavan - Systematic review of health economic analyses involving the use of 3D-printed implants in orthopaedic surgery
- 2.00pm Mofakhkharul Bari - Tibialization of fibula for reconstruction of big tibial defects (post traumatic, post infective) by Ilizarov technique
- 2.05pm Mohammad Atik Muhib - Single-stage Revision of Infected Tibia Nonunion with Antibiotic Cement-coated Intramedullary Nail versus Ilizarov Methods: A Meta-analysis"
- 2.10pm Muhammad Taqi - Effects of femoral de-rotation on lower limb alignment using patient-specific guides with reliance on EOS scan, a retrospective study
- 2.15pm Steven H.S. Tan - Retrospective cohort study exploring the impact on routine venous thromboembolism prophylaxis in patients receiving high tibial or distal femoral osteotomy.
- 2.20pm Discussion
- 2.30pm Case Discussion Panel - Complex deformity about the knee



**Invited Guest Speaker**  
**Fergal Monsell**  
**United Kingdom**

## Tuesday 14 October 2025

1.00pm - 3.00pm

**APOA**  
**Moderators: Ted Mah | Sue Liew**

**Grand Ballroom 2**

### Use of 3D printing and AI related technology to meet unmet surgical needs in the Asia Pacific region

**1.00pm Invited Asia Pacific Professor - Thipachart Punyaratabandhu - 3D Printing in Ortho -Thai Exp**

1.20pm Christian Fang - Use of 3D Ortho implant printing in Hong Kong (Virtual)

ASEAN-AOA Travelling Fellows

1.30pm Andri Lubis - All Inside PCL Reconstruction

1.35pm Peter Quiaoit - Two-stage Revision surgery for Periprosthetic Joint Infection: A Philippine experience

Symposium: Navigating the Logistical, Ethical, Regulatory & Financial Realities of Emerging Technology

1.40pm Frankie Ka Li Leung - Asia Pacific Orthopaedic Association

1.43pm Ngwe Soe - Brunei Orthopaedic Society

1.46pm Chong-hing Wong - Hong Kong Orthopaedic Association

1.49pm Ajit Shinde - Indian Orthopaedic Association

2.02pm Ricky P. Hutapea - Indonesia Orthopaedic Association

2.05pm Toshiyuki Kunisada - Japan Orthopaedic Association

2.08pm Muhammad Kamal Muhammad Abdul Jamil - Malaysian Orthopaedic Association

2.11pm Bimal Kumar Pandey - Nepal Orthopaedic Association

2.14pm Shaun Mauiliu - Pacific Islands Orthopaedic Association

2.17pm Jac Pimentel - Philippine Orthopaedic Association

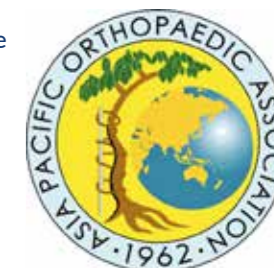
2.20pm Tsai-Sheng Fu - Taiwan Orthopaedic Association

2.23pm Keerati Chareancholvanich - The Royal College of Orthopaedic Surgeons of Thailand

2.26pm Ich Khuy - Cambodian Society of Orthopaedics and Traumatology

2.29pm Ted Mah - Symposium Wrap up

2.35pm APOA ANNUAL GENERAL MEETING



**Invited Asia Pacific Professor**  
**Thipachart Punyaratabandhu**  
**Thailand**

# connection

**ASM25 12-16 OCTOBER, HOBART TAS**

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**AOA**  
AUSTRALIAN  
ORTHOPAEDIC  
ASSOCIATION

**3.30pm - 4.30pm Innovating Orthopaedics Grand Ballroom**  
**Moderator: Ken Cutbush**

In this dynamic session, our ASM2025 Platinum Sponsors take centre stage to showcase cutting-edge advancements redefining the future of orthopaedics.

This high-impact presentation will highlight innovations transforming the way we connect – with our patients, with each other, and with the science that drives progress.

- 3.30pm Johnson & Johnson Medtech
- 3.45pm Smith & Nephew
- 4.00pm Stryker
- 4.15pm Panel Discussion

**Johnson & Johnson  
MedTech**

**Smith+Nephew**

**stryker**

**connection**

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**4.30pm - 5.30pm Jorian (Jo) Kippax Grand Ballroom**  
**Moderator: Ken Cutbush**

**Your Leg or your life: Inside a perilous 24-hour wild river rescue**

A white-water rafting adventure on Tasmania’s iconic Franklin River turned to near tragedy when a rafter was swept beneath the rapids. What followed was an extraordinary rescue mission that pushed rescuers and medical teams to the very edge.

We are honoured to welcome Jorian (Jo) Kippax, Emergency and Hyperbaric Medicine Specialist at the Royal Hobart Hospital, whose expertise in trauma and disaster preparedness placed him at the heart of this remarkable event.

In this gripping plenary, Jorian (Jo) Kippax will take us behind the scenes of the Franklin River rescue – sharing the challenges, the critical decisions, and the powerful lessons in resilience, collaboration, and survival when every second counts.



**6.30am - 8.00am**      **Arthroplasty - Education Session**      **Grand Ballroom 1**  
**Moderator: Matt Lyons**  
 Meet the experts- panel discussion on difficult primary and revision Arthroplasty, with real cases from the panel's experience. Learning objectives- Key considerations, pitfalls and pearls when approaching difficult cases.  
**Faculty - Al Burns, Michael O'Sullivan, David Liu, Chris Wilson, Gavin Clark, Richard McCalden, Jon Bare, Dermott Collopy, Andrew Shimmin.**

**8.00am - 9.30am**      **Arthroplasty Free Papers - Concurrent A**      **Grand Ballroom 1**  
**Moderator: Gavin Clark**

8.00am **Zac Tsigaras** - Total hip arthroplasty in Legg-Calve-Perthes disease: a study from the Australian Orthopaedic Association National Joint Replacement Registry  
 8.07am **Matthew Brown** - What is the optimal tibial insert design in primary total knee arthroplasty? A comparison of Stryker Triathlon Cruciate Retaining, Condylar Stabilizing and Posterior Stabilised implants in the Australian Orthopaedic Association National Joint Replacement Registry  
 8.14am **Marc Friso** - Is the anterior approach associated with reduced mortality in arthroplasty for fractured neck of femur? An analysis of Australian Orthopaedic Association National Joint Replacement Registry Data.  
 8.21am **Stephen Gill** - Quality of life before and during the COVID-19 pandemic for people undergoing hip, knee and shoulder replacement - nationwide results from the Australian Orthopaedic Association National Joint Replacement Registry  
 8.28am **Chris Wilson** - The 'French Paradox' in Australia: How does the Quadra-C stem compare to other cemented stems in the Australian National Joint Replacement Registry?  
 8.35am **Freeman Fu En Chua** - Fire risk in the Operating Theatre: Investigating flammability Risk of PMMA Bone Cement in Orthopaedic Surgery  
 8.42am Discussion  
 8.48am **Michael Le** - The Impact of Surgical Timing on Mortality and Reoperation Rates in Periprosthetic Proximal Femur Fractures: A Matched Multicentre Cohort Study  
 8.55am **Owen Taylor-Williams** - Revision Risk Following Total Hip Arthroplasty in Australia: Rheumatoid Arthritis versus Osteoarthritis  
 9.02am **William Collins** - The reliability and validity of the Reconstructive Pelvic Anatomy Classification System: A novel classification for pelvic reconstruction  
 9.09am **Mofakhkharul Bari** - Pelvic Support Osteotomy And The Ilizarov Technique: A New Era In Orthopaedic Surgery  
 9.16am **Zhaolong Xiang** - Factors Influencing Reoperation in Bisphosphonates Associated Atypical Femoral Fractures  
 9.23am Discussion

**8.00am - 9.30am**      **Registry Session - Concurrent B**      **Grand Ballroom 2**  
**Moderator: Al Burns**

8.00am **Peter Lewis** - Lower hip replacement revision rates when antioxidant is added to highly cross-linked polyethylene: A registry-based study  
 8.06am **Shayan Soroush** - Impact of technology and prosthetic usage on early revision rates for dislocation following primary total hip arthroplasty: analysis of 312,627 procedures from the Australian Orthopaedic Association National Joint Replacement Registry  
 8.12am **Richard de Steiger** - What are the outcomes of total hip replacement in patients aged under 30 years? Results from the AOANJRR  
 8.18am **Philip Hay** - Associations Between Socioeconomic Position and Outcomes of Primary Total Knee Arthroplasty for Osteoarthritis: Analysis of the Australian Orthopaedic Association National Joint Replacement Registry Data  
 8.24am Discussion  
 8.29am **Michael McAuliffe** - Revision rates after total knee arthroplasty amongst surgeons of varying experience: an Australian Orthopaedic Association National Joint Replacement (AOANJRR) study  
 8.35am **Michael Wyatt** - High failure rates of 'reverse hybrid' fixation in primary total knee replacement: an analysis from the AOANJRR.  
 8.41am **Peter Lewis** - Similar patient reported outcomes after unicompartmental and total knee replacement in 60,145 patients: A prospective cohort study from the Australian Orthopaedic Association National Joint Replacement Registry  
 8.47am **Sam Adie** - Early Pain Intervention after Knee replacement (EPIK): a registry-nested trial  
 8.53am **Siddharth Rele** - Patient profile and cause-specific lifetime revision risk of primary total knee arthroplasty: An Australian Orthopaedic Association National Joint Replacement Registry study  
 8.59am Discussion  
 9.04am **Invited Guest Speaker - Richard McCalden** - *What the Australian Registry has taught me over the years.*



**Invited Guest Speaker**  
**Richard McCalden**  
 Canada

**8.00am - 9.30am**      **General Free Papers**      **Grand Ballroom 3**  
**Moderators: Ken Cutbush | Ruth Varrall**

8.00am **Bruce Love** - My more than 50 years of subscription to the Journal of Bone and Joint Surgery.  
 8.06am **Karoline Kant** - A Snapshot of Female Participation in the Presentation of Orthopaedic Research, an Australian Perspective  
 8.12am **Kazuhiko Udagawa** - Redefining Venous Thromboembolism in Orthopaedic Surgery: Low Mortality and Pulmonary Embolism Without DVT at an Australian Tertiary Centre  
 8.22am **Kirk Lower** - A Comparison of quality and readability of ChatGPT-4 generated and human-generated patient education materials for total knee arthroplasty  
 8.28am Discussion  
 8.30am **Laurent Willemot** - The utility of virtual reality training in preparation of medical students for surgical placement  
 8.36am **Nariyoshi Miyata** - Bridging Remote Orthopaedic Care and Medical Education: The Mount Isa Telehealth Fracture Clinic Model  
 8.42am **Myles Moore** - A Bayesian Analysis Using Informative Priors of Surgical Avoidance in Knee and Hip Osteoarthritis Patients Undergoing Physiotherapy and Resistance Exercise Based Intervention  
 8.48am **Ian Harris** - Describing randomisation in trials included in systematic reviews in orthopaedic surgery  
 8.54am **Suzen Agharia** - Women in Surgery: An Analysis of Mental Health, Stress Perception, and Resilience  
 9.00am **Tony Bohan Huang** - Safety of autologous stem cell therapy for cartilage lesions in the knee - a systematic review and meta-analysis of complications, treatment failures, and adverse events  
 9.06am **Nicholas Thomas Buckley** (Trans-Tasman Fellow) - Scapulothoracic Fusion for Facioscapulohumeral Muscular Dystrophy: Early Surgical Lessons  
 9.12am **Victor Chen** - Arthroscopic undersurface rotator cuff repair in 1000 consecutive partial thickness tears: a focus on operative time, retear rate and clinical outcomes  
 9.18am **Rupert Vicary-Watts** - Glenoid preparation in shoulder arthroplasty, is patient-specific instrumentation more accurate than standard instrumentation? A systematic review and meta-analysis.  
 9.24am Discussion



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**AOA NJRR Plenary 10.00am - 12.00pm Grand Ballroom**  
**Moderator: Paul Smith**

10.00am	Special Chapter: Revision Arthroplasty	Paul Smith & David Gill
10.15am	Discussion	
10.20am	Knee arthroplasty update	Michael McAuliffe
10.30am	Hip arthroplasty update	Peter Lewis
10.40am	Shoulder arthroplasty update	David Gill
10.50am	Ankle arthroplasty update	Peter Stavrou
10.55am	Discussion	
11.00am	Data Requests and Publications	Peter Lewis
11.10am	PROMs	James Stoney
11.20am	Forms Upgrade Project	David Gill & Peter Stavrou
11.30am	Developing and Engaging with the Registry	Paul Smith
11.40am	ACE Units: CSU and DAU	Chris Wall & David Gill
11.50am	ANZHFR	Michael Wyatt



**1.00pm - 3.00pm Theme: Connection Grand Ballroom**  
**Moderator: Scott Fletcher**

1.00pm	The theme of connection	Scott Fletcher
1.05pm	What a patient wants	Dale Elphinstone
1.15pm	Well being. A Personal Journey	David Bade
1.25pm	Support among Colleagues	Kate Stannage
1.35pm	Public Sector Workforce Issues. The Role of the Colleges	Brendan Murphy
1.50pm	Private Sector: What are the issues?	Matt Hanrahan
2.05pm	International Perspectives	Fergal Monsell
2.15pm	Answering the Difficult Questions	<b>Moderator - Phong Tran</b>
	<b>Panel:</b> Flavia Senkubuge, Owen Ung, Thipachart Punyaratabandhu, Kate Stannage, Brendan Murphy, Matt Hanrahan, Dale Elphinstone, Fergal Monsell, Odette Koch	



**Invited Guest Speaker**  
**Odette Koch**  
**South Africa**



## 8.00am - 9.30am Free Paper Session - Concurrent A Moderator: Chris Wilson

- 8.00am **Chris Wilson** - Comparison of mid-term results between the Attune and PFC Sigma Total Knee Arthroplasty systems
- 8.06am **David Liu** - Mobile bearing in revision total knee arthroplasty. Are there any benefits?
- 8.12am **David Liu** - Mid-term failure of the Optetrak Logic total knee replacement. Results of retrieval and histopathological analysis.
- 8.18am **Fabio Mancino** - Reducing femoral radius PS knees can achieve better sagittal stability compared with single radius CR knees.
- 8.24am **Jonathan Mulford** - The Fabella in Total Knee Arthroplasty is like Tasmania, rediscovered
- 8.30am **Phong Tran** - Midterm Outcomes of Total Knee Replacements with Joint Imbalance on Early Supine Radiographs
- 8.36am Discussion
- 8.47am **Kunaal Kacker** - How much does an intramedullary rod flex the femoral component during total knee arthroplasty? A comparison of intramedullary rod alignment and ASM computer navigation
- 8.53am **Trong Nguyen** - Pre-operative clinical assessment of knee extension using a goniometer prior to total knee arthroplasty is biased
- 8.59am **Zak Brown** - Does relative femoral and tibial component size influence revision risk following primary TKA?
- 9.05am **Matthew Mann** - Pre- and intra-operative maximum knee flexion values are not strong predictors of 12-month flexion after robotic total knee arthroplasty.
- 9.11am **Pradeep Mathew Poonnoose** - Extensile Approaches in Revision Knee Arthroplasty: The Intermedius Snip as an Alternative to the Quadriceps Snip
- 9.17am Discussion

## 8.00am - 9.30am Arthroplasty - Knee Alignment Session - Concurrent B Moderator: Dermot Collopy

- 8.00am **Andrew Philpott** - Femoral Component Internal Rotation in Functionally Aligned TKR is Common and does not Impair Outcomes
- 8.06am **Peter McEwen** - Comparison of Robotic-Assisted Stressed HKA and 2D/3D Image-Based Arithmetic HKA Methods in Determining Constitutional Alignment
- 8.12am **Leah Sleaby** - Interobserver Reliability of CPAK Assessment Using Digital Imaging.
- 8.18am **Gavin Clark** - Restoration of Native Kinematic Pattern can be achieved with Functionally Aligned Cruciate Retaining Total Knee Arthroplasty
- 8.24am **Dermot Collopy** - Accuracy of pre-resection gap balance in the deformed knees; Is MAKO soft tissue assessment still valid in the presence of significant FFD ?
- 8.30am **Michael McAuliffe** - Pre-arthritic coronal plane alignment predicted by the arithmetic hip-knee-ankle angle (aHKA) and the Flexion Extension Balancing Algorithm (FEBA) for Primary Total Knee Arthroplasty (TKA). How thick is the cartilage in the non-diseased knee compartment?
- 8.36am **Josh Petterwood** - Variability in Alignment Techniques Among High-Volume Surgeons: A Real-World Analysis of Robotic-Assisted Total Knee Arthroplasty in Australia
- 8.42am Discussion
- 8.47am **Phong Tran** - Avoiding Crossover - The Effect of Changing the Coronal Alignment in Knee Arthroplasty with 5 Year Follow-up
- 8.53am **Timothy Whitehead** - Comparison between Restricted Kinematic and Inverse Kinematic Alignment for Achieving Soft Tissue Balance in Total Knee Arthroplasty
- 8.59am **Samuel MacDessi** - Unintentional valgus malalignment in mechanically aligned total knee arthroplasty leads to higher prosthetic failure rates. A national registry survivorship analysis of coronal, sagittal and rotational alignment using computed tomography.
- 9.05am **Thomas Grupp** - Perspectives in Navigated Total Knee Arthroplasty - Personalised Alignments, Functional Phenotypes & Biomechanical Evidence
- 9.11am **Peter McEwen** - Old Dogs and New Tricks. Kinematic Alignment of the Oxford Unicompartmental Prosthesis
- 9.17am **Josh Petterwood** - Evaluating the Role of JLO in Early Functional Recovery in TKR Patients
- 9.23am Discussion

## 10.00am - 12.00pm Arthroplasty Guest Speakers - Concurrent A Moderator: Matt Lyons

- 10.00am **Invited Guest Speaker - Jan Victor** - Enabling Technologies: unmet surgical and clinical needs in TKA | Alignment definitions/ targets in TKA | Blood flow restriction in arthritic and dissatisfied patients
- 10.25am Discussion
- 10.35am **Invited Guest Speaker - Richard McCalden** - Robots in Total Joint Surgery: Do We Really Need Them?
- 11.00am Discussion
- 11.10am **Samuel Macdessi** - Does kinematic alignment result in superior patient-reported outcomes compared to mechanical alignment? The robotic-assisted surgery and kinematic alignment in total knee arthroplasty (RASKAL) trial.
- 11.25am **Ian Harris** - Is robotic assistance more effective in improving patient outcomes in total knee arthroplasty than computer-assisted surgery? The robotic-assisted surgery and kinematic alignment in total knee arthroplasty (RASKAL) trial.
- 11.40am Discussion



**Invited Guest Speaker**  
**Jan Victor**  
Belgium **Grand Ballroom 1**

## 10.00am - 12.00pm Arthroplasty - Knee Robotics Concurrent B Moderator: Gavin Clark

- 10.00am **Anthony Silva** - All-Cause Revision and Clinical Outcomes Following Robotic Arm Assisted Versus Conventional Total Knee Replacement: An Analysis of Short-Term Outcomes
- 10.07am **Michael McAuliffe** - Are Revision Rates Altered by the Uptake of Robotic Total Knee Arthroplasty?
- 10.14am **William Collins** - Are rates of inpatient rehabilitation reduced for robotic assisted total knee arthroplasty compared with computer navigated total knee arthroplasty?
- 10.21am **Gavin Clark** - Deliberately Decreasing Posterior Condylar Offset Does Not Adversely Affect Range of Motion or Functional Outcomes in Functionally Aligned Total Knee Arthroplasty
- 10.28am **Simon Coffey** - Pre-resection vs Post-tibial Resection Gap Planning Accuracy in Robotic Total Knee Arthroplasty
- 10.35am **Tim Lording** - Comparison of gap measurement using a digital tensioning device and a manual technique during robotic-assisted total knee arthroplasty
- 10.42am Discussion
- 10.47am **Jacqui Byrne** - Pin Site Fracture Rates in Robotic Assisted Total Knee Arthroplasty - A Cohort Study and Fracture Case Series
- 10.54am **Kimberley Lun** - Incidental Computed Tomography Findings in Robotic-Assisted Total Knee Replacement Patients
- 11.01am **Tahlia Halasz-Valverde** - Prosthetic Sizing is Accurately Predicted by CT Preoperative Planning: A Retrospective Cohort Study
- 11.08am **Simon Coffey** - Predicting Robotic-Assisted Surgical Plans in Total Knee Arthroplasty using Machine Learning
- 11.15am **Rami Sorial** - Patient-Specific Femoral Rotation in Robotic TKA: Can Flexion Stress Testing Replace Traditional Tensioning Devices?
- 11.22am **Gavin Clark** - Prevalence of Constitutional Soft Tissue Laxity Phenotypes in Robotic TKAs
- 11.29am Discussion

## 1.00pm - 3.00pm Arthroplasty - ERAS Fast Track Session Moderator: Chris Wilson

- 1.00pm **Benjamin McElwee** - Redesigning Arthroplasty Follow-Up: The Role of "Connected Care" as part of a Modern Joint Replacement Pathway
- 1.07pm **Rupert Vicary-Watts** - Optimizing Short Stay Arthroplasty in a Regional Hospital.
- 1.14pm **Jia Ye Lin** - Preoperative optimisation in enhanced recovery after surgery (ERAS) programs for total hip and knee arthroplasty: a systematic review
- 1.21pm **Jia Ye Lin** - Evaluating Methodological Quality of Prognostic Prediction Models on Patient Reported Outcome Measurements after Total Hip and Total Knee Arthroplasty: a systematic review
- 1.28pm **Nicola Burgess** - Outcome Measures in Prehabilitation Interventions for Total Hip and Knee Arthroplasty: A Scoping Review
- 1.35pm **Ian Harris** - A co-designed patient decision aid supports the decision quality of patients considering total knee arthroplasty: a randomised controlled trial
- 1.42pm **Parvati Dadwal** - Patient perceptions of modifiable risk factors prior to undergoing joint replacement in Queensland
- 1.49pm Discussion
- 1.54pm **Henry Ring** - Physical Activity and Sedentary Behaviour Monitoring in Joint Replacement Surgery- The use of modern day tracking technology in measuring arthroplasty outcomes
- 2.01pm **Ian Harris** - Measuring practice change from the CRISTAL randomised trial
- 2.08pm **Samuel Murray** - Joint-Specific Patient-Reported Outcome Measures Demonstrate High Reliability When Completed by Electronic Methods
- 2.15pm **Ian Harris** - Current VTE prophylaxis for hip and knee replacement in Australia: a national survey
- 2.22pm **Dupinderjit Singh Rye** - Octenidine vs Mupirocin and Chlorhexidine in Staphylococcus Aureus decolonisation in patients undergoing Total Joint Arthroplasty: A Randomised Control Trial
- 2.29pm **Joseph Paul** - Preoperative planning for tibial stem extension in kinematically aligned primary knee arthroplasty
- 2.36pm Discussion

## 1.00pm - 2.20pm Australia wide Best Papers Moderator: Ken Cutbush

- 1.00pm NSW **Karan Sandhu** - Total hip arthroplasty with a dual mobility prosthesis is associated with improved patient reported outcome measures and safe metal ion blood levels at 2 years
- 1.10pm QLD **Hayman Lui** - The impact of high fat diet and sex on carpal tunnel syndrome
- 1.20pm QLD **Helena Franco** - Outcomes Following Periacetabular Osteotomy for Acetabular Dysplasia: A Retrospective Cohort Study
- 1.30pm TAS **Luke Hass** - Periprosthetic Joint Infection Database
- 1.40pm ACT **Yi Deng** - Aseptic loosening around total hip and knee arthroplasty is linked to plasma MicroRNA
- 1.50pm VIC **Mark Papageorge** - Utilising prospective multi-spectral analysis of joint fluid aspirates to establish a library of spectral signatures for the rapid diagnosis of septic and inflammatory arthritis - a SPECTRAL study"
- 2.00pm Discussion

## 2.20pm - 2.50pm Research Foundation Presentations Moderator: Ken Cutbush

- 2.20pm **Paul Smith** - Circulating microRNAs in Arthrofibrosis of Post-operation of Total Knee Arthroplasty - Biomarkers for Prognosis and Drug Development
- 2.25pm **Richard Page** - Clinical Biomarker Shoulder Study: Transcriptomic differences between Inflammatory Conditions of the Shoulder: Osteoarthritis and Rotator Cuff Tears: The SHOaW Study
- 2.30pm **Sina Babazadeh** - ODIN: Orthopaedic Devices Infection Network - A Global PJI Registry
- 2.35pm **Lachlan Batty** - Young People with Old Knees: The role of urine and serum biomarkers in predicting post traumatic osteoarthritis after anterior cruciate ligament reconstruction.
- 2.40pm AORF Q&A



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# Thursday 16 October 2025

## 6.30am - 8.00am Education Sessions - How to successfully reconstruct the ACL- A step-by-step approach Moderators: Myles Coolican | Sam Macdessi | Volker Musahl Ballroom 3

- 6.30am David Parker - How to confirm the diagnosis, when to operate and when to trial rehab
- 6.35am Lachlan Batty - Adjuncts to success - Set up, topical antibiotics, TXA and local infiltration
- 6.40am Justin Roe - How I harvest the hamstrings
- 6.45am David Broe - How I harvest the patellar tendon
- 6.50am Julian Feller - How I harvest the quads tendon
- 6.55am Discussion
- 7.10am Tim Lording - Notch preparation and dealing with concomitant pathology
- 7.15am Tim McMeniman - Positioning and drilling the femoral and tibial tunnels
- 7.20am David Broe - Tips to allow easy BTB graft passage and fixation
- 7.25am Peter McEwen - When to add an LET and how
- 7.30am Peter Myers - First two weeks of recovery and post-op tips to prevent early failure
- 7.40am Tim Whitehead - RTS assessment and how I use it
- 7.45am Discussion



## 8.00am - 9.30am Sports Knee Free Papers Moderator: Hayden Morris Ballroom 3

- 8.00am Thomas Molloy - The Prospective Validation of the Cambridge Knee Injury Tool (CamKIT): An 18-Month Analysis of Patients Presenting with Acute Knee Injuries at an Urgent Treatment Centre
- 8.06am Benjamin Gompels - A Systematic Review of the Patient Benefit of Aspiration of Haemarthrosis in Acute Knee Injury - A PRISMA Systematic Review
- 8.12am Justin Roe - Patient Factors Influencing Surgical versus Conservative Management Recommendations in Patients with ACL Injury
- 8.18am Helena Franco - ACL reconstruction graft options: comparison randomised studies and national registries
- 8.24am Discussion

Moderator: Justin Roe

- 8.36am Michael Dan - The Role of Posterior Tibial Slope in Revision Anterior Cruciate Ligament Surgery: A Systematic Review and Meta-Analysis Using a Ski Slope Classification System
- 8.42am Lachlan Batty - Higher Day of Surgery Serum MMP-3 Concentration is Associated with Failing to Achieve the KOOS-4 and IKDC Patient Acceptable Symptom State at 6 Years After ACL Reconstruction.
- 8.48am Michael Dan - Combined Increase in Posterior Tibial Slope and Static Anterior Tibial Translation Results in High Graft Rupture Rates for ACL Reconstruction using Hamstring Autograft Despite Lateral Extra-articular Tenodesis
- 8.54am Discussion

Moderator: Tim McMeniman

- 9.03am Yuki Suzuki (AKS travelling fellow) - Evaluation of short term clinical results following isolated MPFLR with QT or HS in patellar dislocation
- 9.09am Julian Feller - Acceptable outcomes for isolated medial patellofemoral ligament reconstruction despite using higher thresholds for patella alta and tibial tubercle-trochlear groove distance - an international multicenter study
- 9.15am Cindy Zeng - Surgical Repair of Radial Meniscus Tears: A Systematic Review of Techniques, Outcomes, and Healing Rates
- 9.21am Discussion

## 1.00pm - 2.00pm Sports Knee - Guest Speakers Moderator: Myles Coolican Ballroom 3

- 1.00pm Invited Guest Speaker - Volker Musahl - Management of Cruciate Ligament Injuries in Athletes
- 1.20pm Discussion
- 1.30pm David Parker - Osteotomy around the knee
- 1.50pm Discussion

## 2.00pm - 3.00pm Sports Knee - Scientific Session Moderator: Sheanna Maine Ballroom 3

- 2.00pm Sheanna Maine - The Female ACL Injury Epidemic-why, how do we prevent and manage?
- 2.10pm Timothy Whitehead - Examining sex differences in knee kinematics and kinetics during a hop-land task at late phase ACLR rehabilitation: a cross-sectional study
- 2.16pm Benjamin Gompels - Research Priorities for ACL Injuries in the Female Population: A Delphi Consensus Study
- 2.22pm Discussion

Moderator: Peter McEwen

- 2.30pm Mark McMullan - Suspensory Screw Fixation does not lead to increased Tunnel Widening in Anterior Cruciate Ligament Reconstruction: A Randomised Controlled Trial comparing Interference and Suspensory Screw Fixation
- 2.36pm Julian Feller - Increased rate of reoperation for limited range of motion when performing a lateral extraarticular procedure in primary ACL reconstruction with quadriceps tendon compared to hamstring tendon grafts
- 2.42pm Justin Roe - Outcomes In Young, High Risk Athletes Undertaking Competitive Pivoting Sports Following Anterior Cruciate Ligament Reconstruction With Hamstring Tendon Autograft
- 2.48pm Mark McMullan - Short- to Mid-Term Outcomes of Anterior Cruciate Ligament Reconstruction with BTB Autograft and Lateral Extra-Articular Tenodesis in elite academy Athletes
- 2.54pm Discussion



Invited Guest Speaker  
Volker Musahl  
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