

# SCIENTIFIC PROGRAM

# 2024 AOA Annual Meeting

11 - 12 OCTOBER 2024  
PLAZA 3 & 4  
BRISBANE EXHIBITION & COVENTION CENTRE



**AOA**  
Registrars

# Friday - 11 October 2024

7.30am Registration  
8.00am **Welcome Hussain Al-Ramadani**

## REGISTRAR FREE PAPERS

8.10am **Raymond Kim** - The Educational Effect of Hip Navigation  
8.20am **Subash Balakrishnan** - Seasonal variations in trauma: Myth or fact  
8.30am **Asheesh Elete** - Impact of Timing of Surgery on Mortality and Reoperation Rates in Periprosthetic Fractures: A Retrospective Cohort Study  
8.40am **Asheesh Elete** - Effect of Insurance Type on Management of Vancouver B Periprosthetic Fractures: Length of Stay, Discharge Destination and Cost Implications with Insights into Surgical Burden  
8.50am **Sarah Ellis** - Management of Prosthetic Joint Infections in the ACT - How are we doing?  
9.00am **Sarah Ellis** - To sonicate or not to sonicate?  
9.10am **Conor Gouk** - Improving orthopaedic drilling accuracy with SawBone model practice.  
9.20am **Conor Gouk** - Early Weight-bearing Following Distal Femur Fracture Fixation - A Systematic Review and Meta-analysis  
9.30am **Michael Jenkins** - Does direct anterior hip hemiarthroplasty result in reduced length of stay for neck of femur fractures?  
9.40am **Hussain Al-Ramadani** - Myelopathy secondary to cervical amyloidoma  
9.50am Morning tea  
10.20am **Munish Krishnan** - A unique tribological inverted bearing solution for reverse shoulder arthroplasty: Vitamin E and ceramic (unique inverse pairings in rTSR)  
10.30am **Stephanie Lennon** - Mega prosthetic reconstruction for Familial Expansile Osteolysis  
10.40am **Ronnie Mathew** - Periprosthetic fracture as a late mode of failure of the ABG II femoral prosthesis  
10.50am **Mark Song** - Trends in shoulder surgery patient-reported outcome measures  
11.00am **Benjamin Treffene** - A simple, non-invasive, and powerful technique for applying prolonged intra-operative traction for lower limb fracture surgery.  
11.10am **Phoebe Walker** - Patellar dislocation is associated with increased tibial but not femoral rotational asymmetry  
11.20am **Elise Woo** - Is intra-operative computed tomography superior to fluoroscopy in spine surgery? A systematic review and meta-analysis  
11.30am Lunch

## FOOT AND ANKLE SYMPOSIUM

12.15pm **Welcome - Amy Touzell and Sonja Schleimer**

12.30pm **Sarah Watts - Hallux rigidus**

Pathophysiology of hallux rigidus - gout, short first metatarsal, familial etc  
Imaging findings in hallux rigidus - XR, CT and MRI, dual-energy CT  
Examination of hallux rigidus

12.40pm **Sarah Watts - Non-operative management - orthotics, footwear advice**

Case 1 - revision first metatarsophalangeal joint fusion with tricortical bone grafting  
Case 2 - dorsal chilectomy

1.00pm **Richard Hanly - Morton's neuroma and tarsal tunnel syndrome**

Anatomy of the nerves in the foot and ankle  
Entrapment syndromes of the foot and ankle  
Neurological examination of the foot and ankle  
Tumours/infection - red flags

1.10pm **Richard Hanly - Case Discussions**

Case 1 - revision morton's neuroma excision through the sole of the foot  
Case 2 - tarsal tunnel release

1.30pm **Ruth Varrall - Charcot arthropathy and the diabetic foot:**

Multi-disciplinary management of charcot arthropathy  
Pathophysiology of charcot  
Stages of charcot  
Differentiating between charcot arthropathy and osteomyelitis

1.40pm **Janan Chandrananth - How to do a total contact cast, the role of CROW walker, monofilament testing and toe pressures**

Case 1 - mid-foot unstable charcot arthropathy  
Case 2 - charcot arthropathy of the ankle and hindfoot nail technique

2.00pm **Sonja Schleimer - Osteochondral defects of the ankle:**

Vascularity of the talus  
Mechanism of osteochondral defects

2.10pm **Sonja Schleimer - Non-operative management of an OCD - when to watch and wait**

Case 1 - unstable osteochondral defect requiring open repair  
Case 2 - massive osteochondral defect in a young person management

2.30pm Afternoon tea

3.00pm **Michael Lutz- Tarso-metatarsal joint arthritis and LisFranc injuries**

Anatomy of the mid-foot  
Movement of the tarso-metatarsal joints  
Controversies in fixation of fourth and fifth tarso-metatarsal joints

3.10pm **Michael Lutz Case Discussions**

Case 1 - acute fixation of five-ray LisFranc fracture/dislocation  
Case 2 - fusion of the tarso-metatarsal joints

3.30pm **Jonny Sharr - Calcaneal fractures**

Anatomy of calcaneal fractures - constant fragments  
Debate and current literature on management of calcaneal fractures - to fix or not to fix?  
Outcomes of calcaneal fractures

3.40pm **Jonny Sharr - Case Discussions**

Case 1 - sinus tarsi approach to fix calcaneal fracture  
Case 2 - primary fusion of subtalar joint in severe fracture

4.00pm **Will Edwards - Hindfoot arthritis**

Conditions associated with ankle arthritis - post-traumatic, haemochromatosis, haemophilia etc  
Examination of the ankle and subtalar joint  
Role of injections into the ankle and subtalar joint  
Imaging of the ankle and subtalar joint

4.10pm **Will Edwards - Case Discussions**

Case 1 - ankle arthritis for ankle fusion  
Case 2 - subtalar arthritis for subtalar fusion

4.30pm **Angus Moxon - Achilles tendon injuries**

Anatomy and blood supply of the achilles tendon  
Examination of the achilles tendon  
Imaging of the achilles tendon - MRI versus ultrasound  
Non-operative versus operative management of achilles tendon ruptures

4.40pm **Steven Kent - Non-operative management of mid-substance and insertional achilles tendinopathy**

Case 1 - chronic rupture requiring FHL transfer  
Case 2 - insertional achilles tendinopathy and Haglund's deformity surgical management



AOA

Registrars

5.00pm - 6.30pm  
Welcome Cocktails  
Plaza 3 & 4 Foyer

# Saturday - 12 October 2024

8.30am	<b>Gerald Yeo - Foot drop and the cavovarus foot:</b> Neurological causes of the cavovarus foot Muscle imbalances resulting in a cavovarus foot How to examine a cavovarus foot Results of nerve conduction studies in a cavovarus foot
8.40am	<b>Gerald Yeo - Non-operative management – role of orthotics, wedging, ulcer management etc</b> Case 1 – flexible neurological cavovarus foot – tib post transfer, heel shift osteotomy, first ray osteotomy Case 2 – triple arthrodesis
9.00am	<b>Michael Phegan - Ankle instability</b> Anatomy of ankle instability Role of the syndesmosis in ankle pain assessment and treatment Examination of the unstable ankle MRI evaluation of the unstable ankle
9.10am	<b>Michael Phegan - Non-operative management of ankle instability – common rehabilitation protocols</b> Case 1 – ATFL, CFL lateral ligament injuries requiring brostrom-type reconstruction +/- internal brace Case 2 – isolated syndesmosis injury requiring stabilisation – screws vs tigh trope (or similar)
9.30am	<b>David Miller - Rheumatoid forefoot</b> Current rheumatoid medications – what to stop prior to elective surgery Other surgical considerations for the rheumatoid foot – cervical spine instability, upper limb involvement and difficulty with crutches etc Examination of the rheumatoid foot
9.40am	<b>David Miller - Shoe wear modifications and non-operative management</b> Case 1 – Severe rheumatoid forefoot and fowler’s procedure
10.00am	Morning tea
10.30am	<b>Terry Saxby - Hallux valgus and lesser toe deformities:</b> Anatomy of hallux valgus Examination techniques for hallux valgus Radiology findings – role of weight bearing x-rays
10.40am	<b>Terry Saxby - Non-operative management of hallux valgus</b> Case 1 – surgical management of severe hallux valgus deformity – arthrodesis or basal osteotomy Case 2 – surgical management of symptomatic mild hallux valgus deformity – scarf or chevron osteotomy
11.00am	<b>Jonny Sharr - Amputations</b> Limb salvage versus amputation – current evidence in severe lower limb trauma Different types of amputations Types of prosthesis used in amputations Counselling/psychological support and multi-disciplinary teams involved in amputations
11.10am	<b>Jonny Sharr - Case Discussions</b> Case 1 – severe trauma of the lower limb and acute below knee amputation Case 2 – chronic forefoot pathology and syme amputation
11.30am	<b>Andrew Stephens - Tibialis posterior tendon dysfunction:</b> Anatomy of the tibialis posterior tendon Biomechanics of the flat foot Examination technique of the the planovalgus foot Radiology findings in the planovalgus foot – role of x-ray, ultrasound, CT and MRI

11.40am	<b>Andrew Stephens - tibialis posterior tendon dysfunction:</b> Non-operative management of the flexible planovalgus foot Case 1 – surgical management of the flexible planovalgus foot – FDL, calcaneal osteotomy, gastrocnemius lengthening, spring ligament recon +/- arthrodesis screw Case 2 – surgical management of the arthritic planovalgus foot – triple arthrodesis
12.00pm	<b>Kevin Tetsworth - Gait assessment</b>
1.00pm	Lunch
1.30pm	<b>Alison Taylor - Insights from a senior examiner:</b> Fellowship exam parts 1 and 2 Essay results and marking
2.00pm	<b>Peter Myers - Managing the clinical exam: how to answer difficult questions</b>
2.30pm	<b>Amy Touzell - Total ankle joint replacement</b> Role in modern orthopaedics and fellowship exam discussion
2.45pm	Afternoon tea
3.00pm	<b>Martin Lowe - Tumours about the foot and ankle – CIM examination practice</b> Soft tissue sarcoma Osteosarcoma Aneurysmal bone cyst
3.30pm	<b>Amy Touzell &amp; Sonja Schleimer- Tumours about the foot and ankle – Interesting Cases</b>
4.00pm	<b>Mark Moroney - Outreach Update</b>
4.10pm	<b>AOA Presidential Address - Michael Johnson</b>
4.45pm	<b>Hussain Al-Ramadani AORA research awards</b>
5.00pm	Close



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