

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	Gerald Yeo - Foot drop and the cavovarus foot: 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	Gerald Yeo - Non-operative management – role of orthotics, wedging, ulcer management etc Case 1 – flexible neurological cavovarus foot – tib post transfer, heel shift osteotomy, first ray osteotomy Case 2 – triple arthrodesis
9.00am	Michael Phegan - Ankle instability 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	Michael Phegan - Non-operative management of ankle instability – common rehabilitation protocols 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	David Miller - Rheumatoid forefoot 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	David Miller - Shoe wear modifications and non-operative management Case 1 – Severe rheumatoid forefoot and fowler’s procedure
10.00am	Morning tea
10.30am	Terry Saxby - Hallux valgus and lesser toe deformities: Anatomy of hallux valgus Examination techniques for hallux valgus Radiology findings – role of weight bearing x-rays
10.40am	Terry Saxby - Non-operative management of hallux valgus 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	Jonny Sharr - Amputations 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	Jonny Sharr - Case Discussions Case 1 – severe trauma of the lower limb and acute below knee amputation Case 2 – chronic forefoot pathology and syme amputation
11.30am	Andrew Stephens - Tibialis posterior tendon dysfunction: 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	Andrew Stephens - tibialis posterior tendon dysfunction: 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	Kevin Tetsworth - Gait assessment
1.00pm	Lunch
1.30pm	Alison Taylor - Insights from a senior examiner: Fellowship exam parts 1 and 2 Essay results and marking
2.00pm	Peter Myers - Managing the clinical exam: how to answer difficult questions
2.30pm	Amy Touzell - Total ankle joint replacement Role in modern orthopaedics and fellowship exam discussion
2.45pm	Afternoon tea
3.00pm	Martin Lowe - Tumours about the foot and ankle – CIM examination practice Soft tissue sarcoma Osteosarcoma Aneurysmal bone cyst
3.30pm	Amy Touzell & Sonja Schleimer- Tumours about the foot and ankle – Interesting Cases
4.00pm	Mark Moroney - Outreach Update
4.10pm	AOA Presidential Address - Michael Johnson
4.45pm	Hussain Al-Ramadani AORA research awards
5.00pm	Close



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