



# Queensland Branch ANNUAL SCIENTIFIC MEETING Scientific Program

9-11 August 2024 | Peppers, Noosa, Queensland

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# Welcome

The Australian Orthopaedic Association (AOA) is the peak professional body for orthopaedic surgeons in Australia.

AOA provides high-quality specialist education, training and continuing professional development.

AOA is committed to ensuring the highest possible standard of orthopaedic care and is the leading authority in the provision of orthopaedic information to the community.

AOA actively supports scientific research and orthopaedic humanitarian



We are looking forward to welcoming you to the 2024 QLD Branch Annual Scientific Meeting and Annual General Meeting at a new location, Peppers Noosa.

The meeting theme is: Artificial Intelligence with the addition of sub speciality topics on Knee and Spine.

**Date** 9-11 August 2024  
**Venue** Peppers Noosa, Queensland

As you are aware the QLD ASM is one of the highlight events of the year and the 2024 program will feature :

- ◆ bone schools for AOA trainees
- ◆ keynote speakers
- ◆ scientific presentations
- ◆ plenary sessions
- ◆ panel and wellness sessions

We look forward to welcoming you to Noosa!

**Scott Sommerville & Michael Lutz**  
QLD Chair & Scientific Secretary



# Friday 9 August 2024

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## Bone School 8.00am - 5.00pm

Welcome to Bone School. Concurrent Sessions (AOA Trainees only)

### BONE SCHOOL CONCURRENT SESSION 1

8.00am -10.00am (Years 1 and 2)  
8.00am Examination techniques - Knee  
8.30am Examination Techniques - Spine  
9.00am Imaging - Knee  
9.30am Imaging - Spine

Jon Anderson  
Simon Gatehouse  
John Roe  
tba

10.00am Morning Tea

### 10.30am - 12.30pm - Knee

10.30am Approach to the multiligament knee injury  
11.00am Patellofemoral Instability  
11.30am High tibial Osteotomy  
12.00pm Complex Knee Arthroplasty

Tim McMeniman  
Sheanna Maine  
Peter Myers  
Andrew Kurmis

### 12.30pm - 1.30pm - Foot and Ankle

Video link with Foot and Ankle Conference in Perth  
Management of the Diabetic Foot  
FRACS Exam questions in Foot and Ankle

1.30pm Lunch

### 2.30pm - 5.00pm - Spine

2.30pm Surgical Approaches  
3.00pm Spinal Trauma  
3.30pm Spinal Alignment  
4.00pm Spinal Neoplasia  
4.30pm Discssion

Rob Labrom  
Susan Liew  
Peter McCombe  
Steven Yang

### BONE SCHOOL CONCURRENT SESSION 2

8.00am -10.00am Years 3,4,5)  
8.00am FRACS Exam preparation  
9.00am FRACS Spine Questions

Mark Moroney  
Susan Liew



6:00pm - 7:00pm  
ORTHOPAEDIC WOMEN'S LINK (OWL) SOIREE

7:00pm - 9:00pm  
WELCOME COCKTAILS



# Saturday 10 August 2024

7.55am Welcome

8.00am - 9.00am **Plenary - Artificial Intelligence**

8.00am	<b>Invited Speaker</b> - How Will AI Transform Orthopaedic Surgery	Michael Johnson
8.30am	A.I.	Emma Saint - Avant
8.40am	ChatGPT versus the General Surgical Science Exam (GSSE) – A.I. One Step Closer to the Operating Theatre	John Maunder
8.50am	Questions/Discussion	

9.00am **Registrar Finalist Papers**

9.00am	Fraser Labrom – 'Disparities of vertebral body and intervertebral disc deformity offer original indicators of progression risk in adolescent idiopathic scoliosis patients.'	
9.10am	Hayman Lui – 'High fat diet induces deleterious macroscopic and microscopic changes in the rabbit femur.'	
9.20am	Alexander Seeto – 'Relationship between knee joint morphological parameters and quantitative laxity assessment in paediatric patients with anterior cruciate ligament rupture.'	
9.30am	Daniel Brimm – 'The epidemiology of surgical intervention for sports and leisure-related injuries in Queensland.'	

9.40am **RACS Update** - Owen Ung, RACS Vice President

10.10am Morning Tea

10.40am - 12.40pm **Plenary - Knee, Spine and the Dark Side**

10.40am	Coin Toss for The Great Debate	
10.40am	<b>Invited Speaker</b> - The Dark Side of Orthopaedics	Susan Liew
11.00am	<b>Invited Speaker</b> - The use of technology in knee arthroplasty	Andrew Kurmis
11.20am	<b>Invited Speaker</b> - Synthetic meniscus	Justin Cooper-White
11.40am	<b>Invited Speaker</b> - Changes in Spine Surgery Throughout My Career	Peter McCombe
12.00pm	<b>Invited Speaker</b> - 40 Years of knee surgery	Peter Myers
12.20pm	Discussion	

12.40pm - 1.30pm **Surgeon Wellbeing**

12.40pm	AOA Surgeon Wellbeing Working Group Update	David Bade
12.55pm	QLD Trainee Access to Psychology Sessions Pilot Update	tba
1.10pm	Occupational Hazards in Orthopaedics	Heidi Freeman
1.30pm	Lunch	
2.30pm	Wellness Activities	

Gala Dinner  
7.00pm - 10.00pm  
Peppers Noosa



# Sunday 11 August 2024

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8.00am	AOA Qld AOA AGM (only AOA Members)	
8.40am	AOA Presidential Address	Michael Johnson
9.00am	Registrar Award Presentation	
9.10am	Radiation Therapy in Duypetren's Disease	David Schlect

9.20am **The Great Debate**  
Artificail Intelligence - the horse has bolted and we will regret it  
Paul Licina and Andrew Kurmis

10.15am Morning Tea

10.45am - 12.12pm - **Knee**

10.45am	The utility of creating virtual 3D models in the planning of lower limb surgery	Sheanna Maine & Angel Aulakh
10.53am	The use of technology in Revision Knee Arthroplasty	Andrew Kurmis
11.01am	Tumour Surgery about the knee	Phil Rowell
11.09am	Discussion	
11.14am	Development of an Auto-Select Algorithm to enhance meniscal allograft tissue matching - Queensland Tissue Bank (QTB) Virtual Library	Jon Anderson
11.22am	Meniscal Transplant	Tim Mcmeniman
11.30am	Updates in ACL Surgery	John Roe
11.38am	Discussion	
11.43am	Updates & demographics of the QCH Childrens ACL Registry	Sheanna Maine
11.51am	Management of Patellofemoral Instability	Tony O'Neill
11.59am	Updates in Articular Fractures of the Knee	Zhenya Welyczko
12.07pm	Discussion	
12.12pm	Closing	
12.20pm	Lunch	

10.45am - 11.49am - **Spine**

10.45am	Spinal Day Surgery	Steven Yang
10.53am	Evolution and Changes in Spinal Trauma	Susan Liew
11.01am	Using machine learning to predict the likelihood of success after lumbar fusion	Paul Licina
11.09am	Discussion	
11.17am	Updates in Idiopathic Scoliosis Management	Simon Gatehouse
11.25am	Geographically Equitable Spinal Care forRemote, Rural and Regional Children with Scoliosis: Smart digital strategies linking patients and specialists	Robert Labrom
11.33am	Open Spine Surgery in the Obese	Matt Scott-Young
11.41am	Discussion	
11.49am	Closing	





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