

出國報告（出國類別：開會）

## 參加 2025 Asia Pacific Orthopaedic Association 年會

服務機關：臺中榮民總醫院/骨科部

姓名職稱：石承民 主治醫師

派赴國家/地區：澳洲，凱恩斯

出國期間：114 年 4 月 7 日至 114 年 4 月 13 日

報告日期：114 年 5 月 7 日

## 摘 要

2025 年亞太骨科醫學會（APOA）第 24 屆年會於 2025 年 4 月 9 日至 12 日在澳洲凱恩斯隆重舉行。本屆年會集結來自世界各地骨科領域的重要學者與專家，聚焦於人工智慧、機器人輔助手術及混合實境等創新技術的應用與未來發展。中華民國骨科醫學會積極組團參與，派出數十位專家學者，並發表逾五十篇論文，成為除地主國澳洲之外，參與人數與論文發表數量最多的國家，展現台灣在國際骨科醫學領域的重要地位與深厚實力。

台灣優越的醫療水準、完善的會議設施及豐富的文化特色，獲得眾多國際友人及 APOA 理事會成員的高度肯定與支持。未來，若能順利爭取主辦權，將有助於進一步鞏固台灣在亞太地區骨科學術舞台的重要地位，並促進全球醫療知識的交流與合作。

**關鍵字：**國際交流、人工智慧、機器人手術、骨科技術

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## 一、 目的

本次參加 2025 年亞太骨科醫學會（APOA）年會，主要目的在於促進國際學術交流、掌握骨科領域最新技術與趨勢，特別針對人工智慧、機器人手術及混合實境等創新應用進行深入了解與學習。同時，藉由積極發表研究成果，展現我國骨科醫學實力，並與各國專家建立合作關係，提升台灣在國際醫學界的能見度。此外，本次亦積極推動爭取 2027 年 APOA 年會於台灣舉辦，藉此強化國際間之交流合作，拓展台灣於亞太地區之學術影響力。

## 二、 過程

本次參加 2025 年亞太骨科醫學會（APOA）年會，多數台灣代表於 4 月 7 日晚間集合，自台北出發，搭乘中華航空班機前往澳洲布里斯本，並於當地轉乘國內班機抵達凱恩斯。在啟程前，與來自台灣各大醫院的骨科專科醫師於機場合影留念(圖一)，象徵此次共同出席國際盛會、攜手推展學術交流的重要意義。合照中展現了團結與士氣，也記錄了台灣骨科界凝聚力量、共同邁向國際舞台的精神。旅途中，與各院所醫師們展開熱絡交流，彼此分享臨床經驗、研究心得及對未來技術發展的看法，增進了跨院之間的互動與合作意願。抵達凱恩斯後，代表團隨即投入豐富的年會活動，包括專題演講、工作坊、案例討論及前沿技術展示。年會主題涵蓋人工智慧、機器人手術與混合實境等創新領域，讓參與者能掌握全球骨科醫學的新趨勢。此次行程除學術收穫外，亦積極推動與各國專家的交流，擴展台灣在國際骨科界的能見度。同時，代表團也把握機會，積極推廣 2027 年 APOA 年會由台灣主辦的願景，為未來的國際合作與台灣的國際地位奠定堅實基礎。

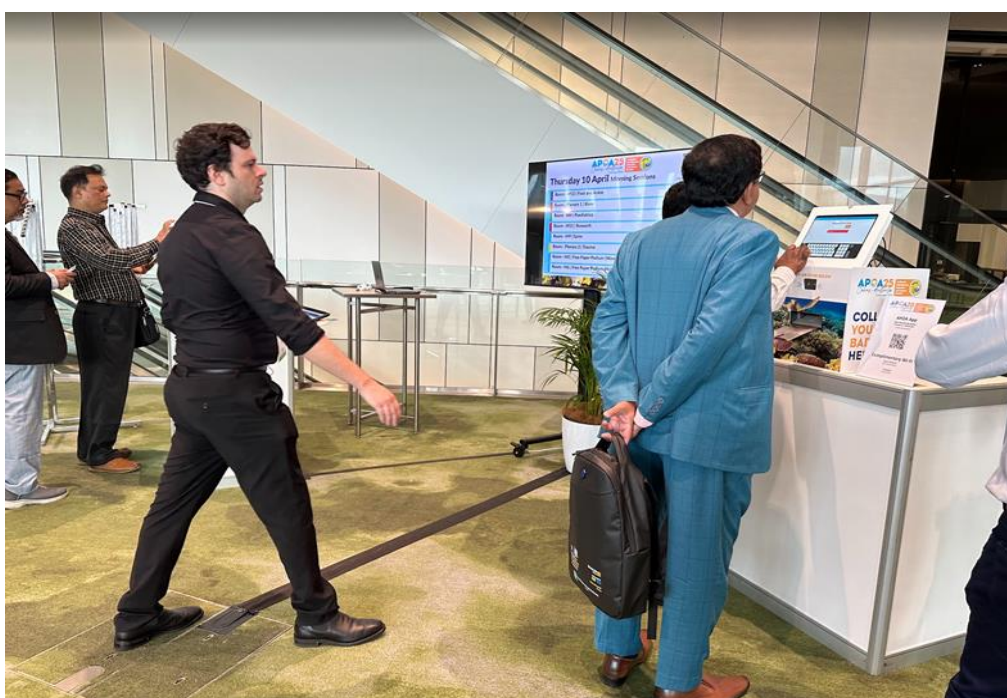


▲圖一 李政鴻副院長(理事長)率領中榮團隊於登機口與前任骨科醫學會理事長詹益聖教授等醫師合影



▲圖二 中榮團隊抵達布里斯本等候轉機

首先到學會註冊的地方，由於這是整個亞太地區的聯合骨科會議，參與人數眾多，他們採取的是電腦掃描直接領取號碼牌，整個場地基本上只有為數不多的工作人員，跟台灣相較，台灣雖然也有類似的設備，但操作上較不容易，通常還是需要工作人員在旁協助，在這方面，APOA 的設備顯著較為簡便，且學會相關訊息包括 wifi 密碼等等，都在一個區域，讓與會者很容易獲取所需資訊。▼(圖示)





Pedicle

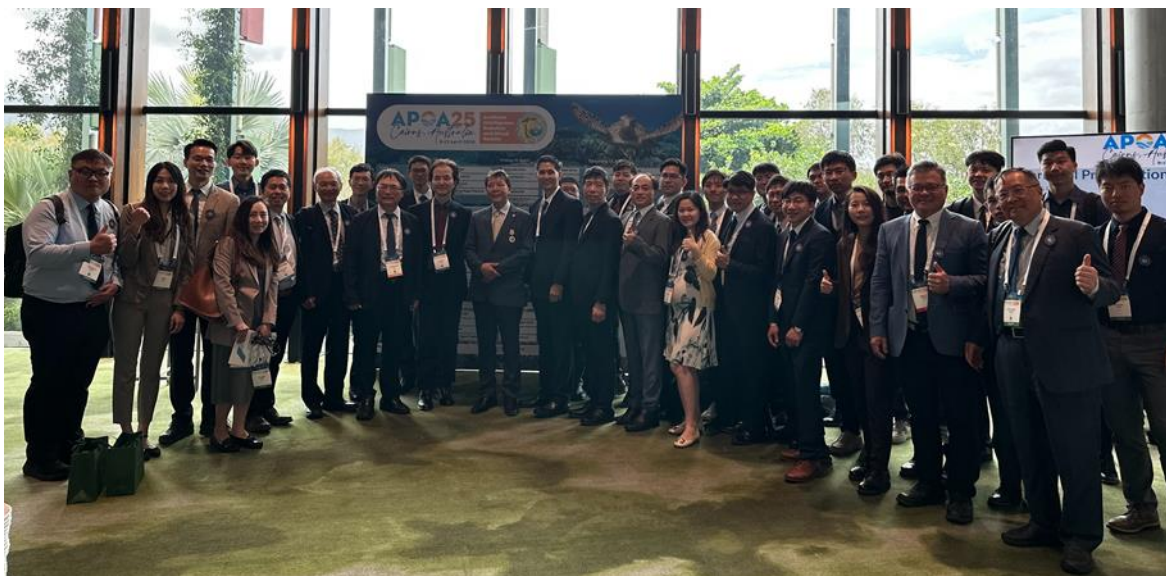
≥ 30 degree Cobb angle

≥ Grade II rotation

Intercrest line below L4 vertebral body

≥ 6 mm lateral listhesis

[illegible]



▲台灣團隊大合照

### 三、心得

本次參加 2025 年亞太骨科醫學會（APOA）年會，為我帶來極具啟發性的國際學術交流經驗。大會邀集來自全球各地的骨科專家與臨床醫師，主題涵蓋當前最受矚目的創新技術，特別聚焦於人工智慧（AI）、機器人手術（robotic-assisted surgery）、以及混合實境（mixed reality）於骨科臨床之應用與發展，內容豐富，極具前瞻性。

人工智慧方面，會中多位專家分享其在骨折診斷、脊椎排列分析、以及關節置換術前規劃中的應用。AI 技術透過深度學習演算法分析影像資料，可提升病灶辨識速度與精確度，尤其在大量資料處理、複雜案例分類及決策支持系統建構中展現高度潛力。會議中亦提及 AI 結合臨床大數據進行預後評估、個別化治療建議的實例，讓我深刻體會 AI 未來在骨科臨床流程中所扮演的輔助角色。

機器人輔助手術則已廣泛應用於髖膝關節置換與脊椎手術，會中實例顯示，其可有效提升手術精度、降低誤差與人為變異。許多演講者透過實際病例展示機械臂在術中精準切割骨頭、即時調整植入物定位的功能，並進一步討論其與術前 3D 規劃軟體的整合，對提高手術成功率與病人滿意度皆具正面效益。

混合實境技術（MR）亦在會中受到高度關注。透過 AR 與 VR 的整合，醫師可在術前建立病患個別三維模型、模擬手術路徑，提升教學與溝通效率。會中亦介紹 MR 於骨盆與脊柱手術中的術中導航輔助功能，能讓醫師在佩戴裝置的同時，以直覺方式掌握病灶結構，提升複雜手術的安全性與精準度，未來可望在住院醫師訓練及遠距手術協作中發揮更大價值。

除了學術內容的收穫外，此行亦加深與台灣各醫療機構之間的交流。與會代表們在出

發前即於機場合影留念，象徵共同出席國際盛會、攜手推動學術交流的重要意義。無論在會場內外，皆與各院所同仁進行深入對話，彼此分享臨床經驗與研究方向，並探討未來合作的可能性，建立起跨院人脈與團隊默契。年會期間，我亦有幸參與推廣 2027 年 APOA 年會由台灣主辦的倡議。台灣在醫療品質、醫師素質與會議接待能力方面皆具備堅強優勢，透過此次與國際代表的互動，可感受到來自多方的支持與肯定。我深信，若能成功爭取主辦，將不僅提升我國國際形象，更有助於促進亞太地區骨科學術交流。

綜上所述，此次參與 APOA 年會，不僅增進了我對骨科前沿技術的理解與應用視野，也讓我重新思考自身在臨床實務與國際學術網絡中的角色與責任。未來，我將持續精進醫學專業，積極參與國際會議與研究合作，為推動台灣骨科醫學走向國際舞台貢獻一己之力。

#### 四、 建議事項

這次參與澳洲的 APOA 年會，首先還是感謝院內長官的支持。由於行政院의補助，在經費的部分核定較充足的預算，足以支應大部分的費用，讓我有機會可以了解目前骨科領域最先進的一些研究及結識眾多的優秀學者。

對於參與這一次的會議，職有幾點建議：

- (一)設立中英文雙語簡報與導覽機制: 本次澳洲會議全程以英文進行，內容豐富但語速快、術語多。未來在國內主辦時，建議安排口譯協助或提供中英文簡報摘要，降低語言進入障礙。
- (二)提前建立跨院學術聯盟共同參與: 台灣代表多來自不同醫院，會中彼此交流熱絡。建議未來參與或主辦國際會議前，可事先整合國內相關研究團隊，強化團體形象並共同發表主題。
- (三)主動接觸國際學會與講者，建立學術人脈: 會議期間，許多國際講者樂於交流。我們會前有安排「臺灣之夜」等官方交流場合，將有助與國際學會建立更密切合作關係。這可以為我們未來參與或舉辦國際會議的借鏡。
- (四)注重會場動線與分場安排效率: 本次澳洲會場設計合理，動線明確，會場間移動便捷。建議未來主辦時，亦應重視分場動線設計與現場標示清晰度，避免混淆。
- (五)鼓勵年輕醫師參與國際發表與交流: 這次國際會議，有很多來自其他醫院的住院醫師或 PGY 參與，我們要多鼓勵訓練中的醫師參與國際會議，鼓勵投稿及國際發表。透過年輕世代的參與，強化台灣在國際學術舞台的接續力與創新力。

以上幾點建議給未來舉辦國際醫學會及科內的同仁參考。

#### 五、 附錄

參加及報告證明  
大會議程





## CERTIFICATE OF PRESENTATION

This is to certify that

**Cheng-Min Shih**

**Presented**

Robotic-Assisted Minimally Invasive Lumbopelvic Fixation for High-Energy Traumatic  
Sacral Fractures  
(E-poster)

At the

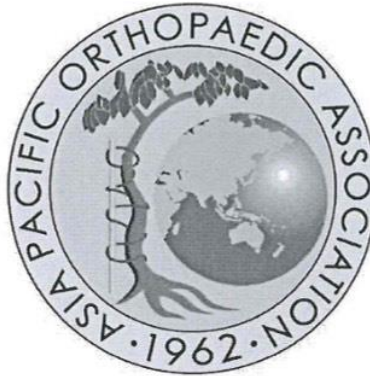
**APOA2025 Congress  
in Cairns, Australia**

held on

**9<sup>th</sup> to 12<sup>th</sup> of April 2025**

**Jamal Ashraf  
APOA President**

**Marinis Pirpiris  
Congress President**



## CERTIFICATE OF ATTENDANCE

This is to certify that

**Cheng Min Shih**

Attended the

**APOA2025 Congress  
in Cairns, Australia**

held on

**9<sup>th</sup> to 12<sup>th</sup> of April 2025**

**Jamal Ashraf  
APOA President**

**Marinis Pirpiris  
Congress President**

## Pre-Conference Workshops

Wednesday  
9 April 2025

## Foot and Ankle Hip Knee Trauma

Attendance to workshops requires registration  
via the APO2025 WEBSITE places are limited

## Foot and Ankle - M4

8.00am	Welcome	Moderator: Arvind Puri
8.00am - 10.00am	How I do it - Total Ankle Arthroplasty - Tips and Tricks with Demonstration	Moderator and Demonstrator - Amy Touzell, Vinod Panchbhavi, David Lunz
10.00am	Morning Tea	
10.30am - 12.30pm	MIS in Foot and Ankle - Less is More	Gow Thevendran, Vinod Panchbhavi, Allison Taylor
12.30pm	Lunch	
1.30pm - 3.30pm	Hindfoot Fusions - Screws, Plates and Nails - Approached, Techniques and Hands on Workshop - Eric Cher, Peter Lam, Yan Yu Chen, Yeok Pin Chua	
3.30pm	Afternoon Tea	
4.00pm - 5.00pm	Questions and Answers and Case Presentations	Moderator: Arvind Puri
5.00pm	Closing Remarks	Arvind Puri

### FACULTY

Allison Taylor	Kumar Shantanu	Siu Kwai Ming
Amber Haseeb	Mandeep Dhillon (AM)	Vinod Panchbhavi
Andi Praja Wira Yudha Luthfi	Orfan Arafa	Yan Yu Chen
Bedri Karaismailoglu	Peter Lam	Yeok Pin Chua
Carlo Borbon	Rizwan Haroon	
David Lunz	Sandeep Patel	
Daman Jha	Siddhartha Sharma	
Eric Cher	Simon Platt	
Gow Thevendran		

### SPONSORS



## Knee - M6

## Trauma - M5

9.00am - 10.00am	<b>Meniscus Session</b> Moderators: Tang Ha Nam Anh, Young Mo Kim
9.00am	Meniscus anatomy and imaging - Isa An Nagib
9.10am	Meniscal tears, repair: Technique - Charanjeet Singh
9.20am	Meniscus Root Avulsion: Technique - Tang Ha Nam Anh
9.30am	Ramp lesion repair: Technique - Young Mo Kim
9.40am	Back to sports after meniscus repair - Kulkah Dviputra Hernugrahanto
9.50am	Discussion
10.00am	Morning Tea
10.15am - 11.40am	<b>ACL Session:</b> Moderators: Tim Whitehead, Merter Ozenci
10.15am	ACL injury diagnosis (imaging clinical and arthroscopic) - Kunal Aneja
10.25am	Graft options in ACL reconstruction - Nick Russell
10.35am	ACL reconstruction technique with remnant preservation - Jose Antonio San Juan
10.45am	Anatomic ACL reconstruction: My technique - Tim Whitehead
10.55am	ACL Avulsion Injuries: Technique - Merter Ozenci
11.05am	Tips and tricks for a successful ACL reconstruction - Hayden Morris
11.15am	Revision ACL reconstruction: my algorithm - Justin Roe
11.25am	Discussion
11.40am - 1.00pm	<b>Patella Instability Session</b> Moderators: Asep Santoso, Tak Man Wong
11.40am	Patella instability evaluation (radiologic, clinical) - Kunal Aneja
11.50am	First time patellar dislocation: Surgery or rehabilitation - Jae-Ang Sim
12.00pm	Tracheoplasty in trochlear dysplasia - Sinan Karaoglu
12.10pm	MPFL reconstruction: Technique - Asep Santoso
12.20pm	MPFL reconstruction with quadriceps tendon - Enrique Leonardo C. Pasion
12.30pm	Distal alignment procedures: when they are needed - Tak Man Wong
12.40pm	Discussion
1.00pm	Lunch
1.50pm - 3.05pm	<b>Osteotomy</b> Moderators: Yukio Akasaki, Jong-Keun Seon
1.50pm	Deformity correction-pre-op assessment - Charanjeet Singh
2.00pm	Around knee osteotomy: basic science to clinic - Yukio Akasaki
2.10pm	HTO technique in valgus alignment - Jong-Keun Seon
2.20pm	DFO technique in valgus alignment - Asep Santoso
2.30pm	Double osteotomy: when it is necessary - Tim Whitehead
2.40pm	Osteotomy complications intraoperatively - Yukio Akasaki
2.50pm	Discussion
3.05pm - 4.15pm	<b>Primary TKR</b> Moderators: Peter McEwen
3.05pm	Analytical total knee arthroplasty - Yixin Zhou
3.15pm	Advantages and disadvantages of kinematic alignment - Shuichi Matsuda
3.25pm	Slaying out of trouble with kinematic TKA - Peter McEwen
3.35pm	Robotic TKA and UKA: Evidence based outcome - Kunal Aneja
3.45pm	Bone loss in primary TKA can be challenging - Syed Shahid Noor
3.55pm	Discussion
4.15pm	Afternoon Tea
4.40pm - 5.00pm	Current concepts in managing ACL injuries. Keynote Speaker: Justin Roe

9.00am - 10.30am	<b>Lower Limb Periprosthetic Fractures</b> Moderators: Roger Bingham, Cameron Cooke, Tomoyuki Noda
9.00am	Welcome - Jamal Ashraf, Cameron Cooke, Marini Pirpiris
9.10am	Periprosthetic acetabular fractures in THR - Wael Taha
9.20am	Periprosthetic femoral fractures in THR - Jamal Ashraf
9.30am	Periprosthetic femoral fractures in TKR - Roger Bingham
9.40am	Periprosthetic tibial fractures in TKR - Abhay Elhence
9.50am	Intra-operative Femoral fractures - JP Leung
10.00am	Proximal femoral Replacements in trauma - Cameron Cooke
10.10am	Discussion
10.30am - 11.20am	<b>AO milestones and Innovations</b> Moderators: Andrew Oppy
10.30am	Mixed Reality in Trauma Education - Florian Gebhard
10.40am	AO Milestone- an innovative concept for structured learning and training in Orthopedics - Marc Stal
10.50am	Innovations in AO Mentorship - Jaime Quintana
11.00am	The AO and the APOA - Innovations and collaborations - Tim Pohlmann
11.10am	Innovations in Trauma, what is coming next? - Michael Schuetz
11.20am - 12.00pm	<b>Violation of principles and solutions</b> Moderators: Harpal Singh Sehli
11.20am	Acetabular Fractures - Sameer Aggarwal
11.30am	Proximal femur fractures - Seth Tarrant
11.40am	Tibial Plateau Fractures - JP Leung
11.50am	Tibial Shaft Fractures - Chris Morrey
12.00pm - 1.00pm	<b>Peri Implant Infection</b> Moderators: Adel Belen and Cameron Cooke
12.00pm	Approach to Infected Femoral fixation of the proximal femur - JK Oh
12.10pm	Approach to Infected femoral fixation of the distal femur - Nicholas Jorgensen
12.20pm	Approach to infected femoral fixation of the shaft of the femur - Frankie Leung
12.30pm	Infected tibial trauma in the elderly - Peter Giannoudis
12.40pm	Infected proximal femur fractures in the elderly - John Mukhopadhyay
12.50pm	Discussion
1.00pm	Lunch
2.00pm - 3.00pm	<b>Upper Limb a Periprosthetic Issues and Periprosthetic fractures</b> Moderators: Andy Yeo
2.00pm	Periprosthetic Scapula Fractures in Total Shoulder Replacement - Owen O'Neill
2.10pm	Periprosthetic Humeral Fractures in Total Shoulder Replacement - Dhaval Desai
2.20pm	Periprosthetic Humeral Fractures in Total Elbow Replacements - Darren Hinton
2.30pm	Periprosthetic Ulnar Fractures in Total Elbow Replacements - Darren Hinton
2.40pm	Discussion
3.00pm	Afternoon Tea
3.30pm - 5.30pm	<b>Lower Limb Management Challenges</b> Moderators: Lia Marliana, Mandeep Dhillon
3.30pm	Open Femoral Shaft Fractures with segmental deficit - Zsolt Balogh
3.40pm	Open Tibial Shaft Fractures with segmental deficits - Rajesh Ganhi
3.50pm	Open Knee Injuries - JP Leung
4.00pm	Open tibial fractures with segmental deficit - Kevin Tetsworth
4.10pm	Knee Fractures and concomitant ligament injuries - Yi-Sheng Chan
4.20pm	Ankle Fractures and concomitant ligament injuries - Mandeep Dhillon
4.30pm	Comminuted Talus Fractures - Sandeep Patel
4.40pm	Comminuted Calcaneal Fractures - Keen Wai Chong
4.50pm	Complex Midfoot Fractures - Andrew Oppy
5.00pm	Discussion



## Hip - M7

8.30am - 10.30am Difficult Primary THA

8.30am - 9.30am Difficult Primary THA Case-Based Discussion - Moderators: Lewis PK Chan, Michael Wyatt  
 8.30am Fused Hip Lewis PK Chan  
 8.40am DDH Hip Shahid Noor  
 8.50am Protrusion Michael Wyatt  
 9.00am Previous Hip Fracture Fixation Marcelino Cadag  
 9.10am My most difficult primary THA Nam Anh  
 9.20am Discussion

9.30am - 10.30am Revision THA Moderators: Boopalan Ramasamy, Darren Tay  
 9.30am Preoperative Workup & Extensive Exposure in Revision THA Darren Tay  
 9.40am How to Remove well-fixed Cup Boopalan Ramasamy  
 9.50am How to Remove well-fixed Femoral stem? Boopalan Ramasamy  
 10.00am How to put in Revision Femoral Stem? Amin Chiny  
 10.10am How to classify and manage acetabular defect? An Overview Bogdan Solomon  
 10.20am Jumbo Cup -95% Solution Baochun Zhou  
 10.30am Discussion

10.45am Morning Tea

11.00am - 1.00pm Periprosthetic Joint Infection and Complex Revision THA Moderators: Bogdan Solomon, Shahid Noor, Lawrence Lau

11.00am How to Prevent PJI? Lawrence Lau  
 11.10am Diagnosis of PJI: Current Consensus and advances? Michael Wyatt  
 11.20am How to do a proper DAIR? Tang Hao  
 11.30am How to do 1-stage revision? Lewis PK Chan  
 11.40am How to do 2-stage revision? Shahid Noor  
 11.50am Recent advances in the Management of PJI Lawrence Lau  
 12.00pm Discussion

12.10pm - 1.00pm Case Discussions

12.10pm PJI Case 1 - classic Marcelino Cadag  
 12.20pm PJI Case 2 - unusual organism Darren Tay  
 12.30pm Aseptic Revision Case 1 (Acetabulum) Lewis PK Chan  
 12.40pm Aseptic Revision Case 2 (Femur) Bogdan Solomon  
 12.50pm Discussion

1.00pm Lunch (1.00pm - 1.15pm Lunch Talk: How to increase the chances of getting published? Michael Wyatt)

2.00pm - 5.30pm Theme: Meet the expert with hands on experience

2.00pm - 3.30pm COURSE 1 - Basics of THA  
 Demonstration by Darren Tay, Shahid Noor, Lewis Chan  
 Demonstration (30 minutes) & Practice on sawbone models (60 minutes)

Acetabular Cup Implantation  
 • Acetabular Cup Positioning  
 • Dual Mobility, Tips and Tricks  
 Femoral stem implantation  
 • Cemented Stem/Cementless Stem

3.30pm Afternoon Tea

4.00pm - 5.30pm COURSE 2 - Management of Acetabular Bone Loss in Difficult Primary / Revision THA  
 Demonstration (30 minutes) & Practice on saw bone models (60 minutes)  
 Demonstration by Bogdan Solomon, Boopalan Ramasamy, Lewis Chan

Reconstruction with Implants/bone graft: depending on availability of instrument

• Jumbo cup  
 • Tantalum roof augments  
 • Figure of seven roof augment  
 • Cup/cage technique  
 • Impaction bone grafting

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**APOA25**  
 Cairns, Australia  
 9-12 April 2025

Artificial  
 Intelligence,  
 Robotics  
 and Mixed  
 Reality



## Pre-Conference Workshops

Wednesday  
9 April 2025

Foot and Ankle  
Hip  
Knee  
Trauma

Attendance to workshops requires registration  
 via the APO25 WEBSITE places are limited

# SCIENTIFIC PROGRAM

**APOA25**  
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Artificial  
 Intelligence,  
 Robotics  
 and Mixed  
 Reality



Thursday  
10 April 2025

Opening Ceremony  
Keynote Plenary

Concurrent  
Scientific Sessions

APOA YSF  
 Arthroplasty  
 Foot and Ankle  
 Hip  
 How to Publish your work  
 Knee  
 Osteoporosis  
 Paediatrics  
 Research  
 Spine  
 Trauma  
 Waves

Free Papers

Friday  
11 April 2025

Keynote Plenary

Concurrent  
Scientific Sessions

AO Trauma  
 Foot & Ankle  
 General Orthopaedics  
 Young Ambassadors Papers  
 Hand and Upper Limb  
 Hip  
 Infection  
 Osteoporosis  
 Spine  
 Sports  
 YS Leadership

Free Papers

Saturday  
12 April 2025

Closing Ceremony

Concurrent  
Scientific Sessions

Hip  
 Knee  
 Oncology  
 Spine  
 Sports  
 Trauma

Free Papers



# THURSDAY - 10 April 2025

**APOA25**  
Cairns, Australia  
9-12 April 2025



## OPENING CEREMONY

- 10.30am - 10.35am Congress President's Welcome Address  
Marinis Pirpiris
- 10.35am - 10.45am President's Address  
Jamal Ashraf
- 10.45am - 10.50am Guest Society President's Address  
Tim Pohlemann
- 10.50am - 11.00am Award Presentation  
Jamal Ashraf, Nico Budhiparama & Arif Khan

## PLENARY LECTURES

- 11.00am - 11.30am Technology and Outcomes in Robotic Surgery - what is all the hype? - Fares Haddad
- 11.30am - 12.00pm Imaging, artificial intelligence and orthopaedics  
Florian Gebhard
- 12.00pm - 12.30pm Arthur Ralph Hodgson Memorial Lecture  
Mentorship and training in the times of CHATGp, Artificial intelligence and Virtual Reality  
Rajasekaran Shanmuganathan

## CONCURRENT SESSIONS

### APOA YSF

### Arthroplasty

### Foot and Ankle

### How to Publish Your Work

### Knee

### Osteoporosis

### Paediatrics

### Research

### Spine

### Trauma

### Waves

Refer to following pages for concurrent session programs

# THURSDAY - 10 April 2025

# Concurrent Session Programs

## APOA YSF

Thursday - 10 April 2025

- 4.00pm - 6.00pm Generation Z as our future orthopaedic surgeons; the benefit and the challenges  
Moderator: Yudha Mathan Sakiti and Nicholas Jorgensen
- 4.00pm AI and VR application also technological advancement in AP region. Syed Akmal Sultan
- 4.10pm Work life balance as young orthopaedic surgeon. Yudha Mathan Sakiti
- 4.20pm Technological Advancement in Managing Orthopaedic Cases: Malaysian Perspective. Jonas Fernandez
- 4.30pm The Australian Perspective. Nick Jorgensen
- 4.40pm Leadership role and challenges to become successful senior orthopaedic surgeon. Francis Wong
- 4.50pm Discussion
- 5.00pm My pitfalls and obstacles in applying new surgical technology as a young surgeon. Bedri Karaismaloglu
- 5.10pm Becoming a manager as orthopaedic surgeon. Rashid Anjum
- 5.20pm Incorporating new technologies in residency education. Janus Wong
- 5.30pm Discussion

## Arthroplasty

Thursday - 10 April 2025

- 2.00pm - 4.00pm Knee Section - Knee and patella femoral osteoarthritis  
Moderator: David Choon and Kandiah Raveendran
- 2.00pm Isolated patella femoral arthrosis: What is the ideal solution? Kandiah Raveendran
- 2.10pm Modern implant designs in TKA: Does it make a difference? David Choon
- 2.20pm Strategies to minimize blood loss in single stage B/L TKA. Amir Bin Sabir
- 2.30pm Polyethylene and tibial bearing surfaces of TKA: How much difference can we predict? Peter McEwen
- 2.40pm Discussion
- 2.50pm The Place of Registries in the Management of PJI. David Campbell
- 3.05pm The Role of Research in solving PJI. Gurava Reddy
- 3.20pm Rethinking antibiotic prophylaxis TJR. Ross Crawford
- 3.30pm Discussion
- 3.55pm Closure - Merter Ozenci
- 4.00pm - 6.00pm Hip Section - Primary and Complex THA: Basics to the Current Concepts  
Moderators: Lewis Chan and Bogdan Solomon
- 4.00pm Introduction & Welcome Lewis Chan
- Lecture
- 4.05pm Update in Hip Presentation Surgery. Sohail Hafeez
- 4.13pm Choice of Cementless Femoral Stem: What is the current evidence? Yoshi Pratama Djaja
- 4.21pm Why are you still cementing stems in 2025? David Choon
- 4.29pm Spinopelvic Kinematics: Practical Workforce for Surgeons with Case Illustrations. Abhay Elhence
- 4.37pm Discussion
- Surgical Techniques & Tips
- 4.45pm Video I: Conversion of Fused Hip to THA. Rajkumar Natesan
- 4.53pm Video II: THA in Dysplastic Hip. Yasuhiro Homma
- 5.01pm Video III: THA after Failure of Hip Fracture Fixation. Marcelino Cadag
- 5.09pm Discussion
- Debate: Dual Mobility
- 5.15pm Dual Mobility Should be Considered for Every Patient. Syed Shahid Noor
- 5.20pm Dual Mobility is Designed for the Faint Hearted Surgeon. Sunil Reddy
- 5.25pm Crossfire & Discussion: Fares Haddad, Yasuhiro Homma, Yoshi Pratama Djaja
- Case Presentation
- 5.33pm Complex Primary THA cases Abhay Elhence
- Discussion Panellists: Fares Haddad, Syed Shahid Noor, Yoshi Pratama Djaja, Yasuhiro Homma, Rajkumar Natesan, Sunil Reddy
- 5.50pm Take Home Message Lewis Chan

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# THURSDAY - 10 April 2025

## Concurrent Session Programs

### Foot and Ankle

Thursday - 10 April 2025

- 8.00am - 9.30am** Welcome to Congress and Foot and Ankle Section  
Moderator: Arvind Puri
- 8.00am** Welcome - Arvind Puri
- 8.10am** Foot and Ankle and Technology- Quo Vadis? Arvind Puri
- 8.20am** 3D Printing for your Foot and Ankle Case: A Do It Yourself Guide. Bedri Karaismailoglu
- 8.30am** Is there any role of Robotic Assisted Surgery in Foot and Ankle? Carlo Borbon
- 8.40am** Augmented Reality and Training- can it improve and enhance skills? Yan Yu Chen
- 8.50am** Artificial Intelligence- Practical Application or just another New Toy? Amber Haseeb
- 9.00am** Open Discussion- How I embraced New Technology to Solve a Surgical Problem  
Case Presentations with Panelists. Moderator: Orfan Arafat
- 1.30pm - 3.30pm** How do I do It- Instructional Videos and Talks  
Moderator: Allison Taylor and Peter Lam
- 1.30pm** Arthroscopic Lateral Ankle Ligament Stabilisation. Peter Lam
- 1.40pm** MIS Hallux Valgus/ Lesser Toes Correction. Vinod Panchbhavi
- 1.50pm** Tightrope for Lisfranc Injuries. Yeek Pin Chua
- 2.00pm** Fibular Nail Fixation for Unstable Ankle Fractures. Neshat Anjum
- 2.10pm** Blood, Sweat and Tears- My Difficult Cases and what I did. Carlo Borbon
- 2.45pm** Trauma, Elective, Diabetic with panelists Simon Platt, Kumar Shantanu
- 2.45pm** Albatross Around My Neck- How I Managed my Nightmare Complications  
Kumar Shantanu - Clinical cases with panelists - Orfan Arafat, Bedri Karaismailoglu
- 3.30pm** Closure

### How to Publish Your work

Thursday - 10 April 2025

- 1.30pm-3.15pm** How to Publish your work  
Moderators: Nicolaas Budhiparama and Lalit Maini
- 1.30pm** Welcome - Nicolaas Budhiparama
- 1.35pm** The peer review process. Zsolt Balogh
- 1.45pm** Importance of Research and evidence based medicine. Frankie Leung
- 1.55pm** How to build a high impact research program. Lalit Maini
- 2.05pm** Understanding research methods - CONSORT, STROBE, PRISMA. Daisuke Sakai
- 2.15pm** Writing a good manuscript and abstract. Fares Haddad
- 2.25pm** Maximising the reach and impact of your published research. Peter Giannoudis
- 2.35pm** Keynote Speaker - Becoming literate in the AI. Mohit Bhandari
- 2.55pm** Discussion



# THURSDAY - 10 April 2025

## Concurrent Session Programs

### Knee

Thursday - 10 April 2025

- 8.00am - 9.10am** Complex TKA Management  
Moderators: John Bartlett
- 8.00am** TKA in varus deformity: Assessment and management. Kulkarni Dwiputra Hemugrahanto
- 8.10am** TKA in valgus deformity: achieving ligament balance. Justin Roe
- 8.20am** Replacing a knee with extra-articular deformity. Yixin Zhou
- 8.30am** Periprosthetic fracture following TKA: Fix or replace. Syed Shahid Noor
- 8.40am** Detecting and correcting patella maltracking during TKA. Simon Talbot
- 8.50am** Discussion
- 9.10am - 9.30am** The future of Knee Arthroplasty Surgery is Here: How Asia Pacific is Embracing New Technologies  
Keynote Speaker: Nicolaas Budhiparama  
Moderator: John Bartlett
- 1.00pm - 1.30pm** Fast Track Surgery in Hip and Knee Arthroplasty: New Standards  
Moderators: Scott Fletcher and Nicolaas Budhiparama (LUNCH TIME SEMINAR)
- 1.00pm** Introduction - Nanne Kort  
Topic: Evolution of Fast-track and Healthcare Challenges  
Objective: Raising awareness of the pressing challenges and the urgent need to optimise care
- 1.06pm** Preoperative Phase Trifon Totlis  
Discuss the importance of thorough preoperative preparation and its impact on Fast-track success
- 1.12pm** Perioperative Phase Fares Haddad  
Highlight key strategies for maintaining patient stability and efficiency during the operation.
- 1.18pm** Postoperative phase Catherine Hibberd
- 1.24pm** Our Future Vision Nicolaas Budhiparama  
A provocative and forward-thinking perspective
- 1.30pm - 2.00pm** Opening Speeches Moderator: John Bartlett  
APKS opening speeches Merter Ozenci - APKS President  
The Professor Koshino Tribute Lecture John Bartlett

### Osteoporosis

Thursday - 10 April 2025

- 4.00pm-6.00pm** Moderators: Rajesh Malhotra and Chris Wall
- 4.00pm** Welcome - Rajesh Malhotra
- 4.05pm** Screening for fragility in practice - Arif Khan
- 4.15pm** Obesity, Bone and Sarcopenia - Are they interlinked? - Ronald Wong
- 4.30pm** Fall Prevention - Importance and Strategies - Amlin Chinoy
- 4.45pm** Burden of fragility fractures - Urgent need for intervention - Syed Shahidul Islam
- 5.00pm** Prevention of further bone fractures in elderly patients - Luke Conway
- 5.15pm** Panel Cases of Atypical Fragility Fractures - Andy Yeo  
Panel: Arif Khan, Joyce Koh, Yasuhisa Ueda
- 5.45pm** Closure - Rajesh Malhotra

### Paediatrics

Thursday - 10 April 2025

- 8.00am - 8.20am** Cerebral Palsy What's in what's out: current concepts Moderators: Abhay Khot, Muhammed Inan
- 8.00am** Proactive and reactive management of orthopaedic problems in CP-Role of surveillance and service delivery - Erich Rutz
- 8.10am** Lever arm surgeries and role of gait analysis in decision making - Abhay Khot
- 8.20am - 9.00am** Upper Limb Trauma Moderator: Ayesha Saeed
- 8.20am** Both bones forearm fractures in children diagnosis and management - Ayesha Saeed
- 8.30am** Supra condylar fractures in Children-concepts and how do I get best outcome? - Emel Gonen
- 8.40am** How not to miss a fracture Monteggia? Current concepts and management of late presentations - Megan Cain
- 8.50am** Lateral condyle -dilemmas, pitfalls and solutions for a good outcome. - John Mukhopadhyay
- 9.00am - 9.25am** Spot light on the Hip Moderator: Rujuta Mehta
- 9.00am** Keynote Lecture - Japanese perspective on PAO for adolescents with hip dysplasia - Yasuharu Nakashima
- 9.15am** Decoding Septic Hip - Rujuta Mehta
- 9.25am - 9.55am** The paediatric Knee: Getting it right the first time. Moderator: Brian Loh
- 9.25am** Knee OCDs (Osteochondritis Dissecans & Osteochondral Defects) - Akib Khan
- 9.35am** Paediatric Sports Injuries - Brian Loh
- 9.45am** Growth Modulation -boon or bane - Chasana Rathod





# THURSDAY - 10 April 2025

# Concurrent Session Programs

## Research

Thursday - 10 April 2025

- 8.00am - 8.50am Mechanics vs Biologics in Bone Healing**  
Moderators: Sureshan Sivananthan & Desai Dhaval Dilip
- 8.00am Mechanics is the most important factor in bone healing. Geoff Richards  
8.15am Biology is the key factor for fracture healing. Tunku Kamarul Zaman  
8.25am Mechanobiology is compulsory for fracture healing. Michael Schuetz  
8.35am Discussion
- 8.50am - 9.20am Keynote: How does polytrauma affect bone healing? Zsolt Balogh**
- 9.20am - 10.20am Biologic agents' role in fracture healing**  
Moderators: Sureshan Sivananthan and Tunku Kamarul Zaman
- 9.20am Cellular Implantation is the solution for issues with fracture healing. Anissa Feby Canintika  
9.30am Non cellular metabolite is the preferred intervention for issues with fracture healing. Francis Wong  
9.40am Growth factor rhBMP2 is the cutting edge solution to solving fracture healing problems. JK Oh  
9.50am Discussion All faculty  
10.00am Keynote: Non-union tissue - What we know and what we do not know. Peter Giannoudis  
10.10am Discussion
- 1.30pm - 2.20pm The differences in issues between fracture non union and bone defects**  
Moderators: Francis Wong and Kevin Tetsworth
- 1.30pm What is the difference in treating fracture non-union and bone defects. JP Leung  
1.40pm The basic scientific principle and the approach is the same. Joyce Koh  
1.50pm The basic scientific principle and the approach is totally different. Desai Dhaval Dilip  
2.00pm Which cells, stem cells metabolites, extracellular vesicle and BMP to treat bone healing problems? Ismail Hadisoebroto Dilogo  
2.10pm Discussion
- 2.20pm - 3.00pm How to deal with critical size bone defects**  
Moderators: JK Oh and Peter Giannoudis
- 2.20pm The use of combined distraction osteogenesis and orthobiologic treatment for critical sized bone defects. Kevin Tetsworth  
2.30pm Two stage Masquelet procedure with orthobiologic to treat critical sized bone defects. Takashi Miyamoto  
2.40pm Free vascularised grafting is the ideal management for critical sized defects. Kuku Dwiputra Herrugrahana  
2.50pm Discussion

## Spine

Thursday - 10 April 2025

- 8.00am - 10.00am Case Discussions** Moderators: Mun Keong Kwan, Brian Hsu and Tai Huiuen
- 8.00am Welcome and Introduction - Mun Keong Kwan and Brian Hsu  
8.05am CASE A: L4-5 Degen Spondy, Leg Pain 8/10, Back Pain 0/10, L4-S1 Lumbar Lordosis 5°, 15° Degen Scol - Brian Hsu  
8.10am Decompression Only - Endoscopic Decompression - Yudha Mathan Sakti  
8.20am Decompression Only - UBE - Daisuke Sakai  
8.30am Decompression Only - Open Decompression, The Current Gold Standard - Mohammad Arif Khan  
8.40am Discussion  
9.00am CASE B: L4-5 Degen Spondy, Leg Pain 0/10, Back pain 8/10, L4-S1 Lumbar Lordosis 5°, 15° Degen Scol - Brian Hsu  
9.10am MIS Fusion, Posterior Only - Bhishampal Singh  
9.20am Open Fusion, Posterior Only - David Fang  
9.30am Anterior and Posterior Fusion - K S Sivananthan  
9.40am Discussion
- 1.30pm - 3.30pm Case Discussion** Moderators: Mohammad Arif Khan, Cheng-Hung Lee and Kamran Farooqui
- 1.30pm CASE C: L4-5 Degen Spondy, Leg Pain 8/10, Back pain 8/10, L4-S1 Lumbar Lordosis 5°, 15° Degen Scol - Brian Hsu  
1.35pm All Posterior Fusion - Shah Alam  
1.45pm Anterior and Posterior Fusion - Daisuke Sakai  
1.55pm Anterior Only Fusion - Kenneth Man Chee Cheung  
2.05pm Discussion  
2.20pm Case Presentations and Discussions ASD
- 4.00pm - 5.30pm High-Grade Spondylolisthesis**  
Moderators: Shah Alam, Kenneth Man Chee Cheung
- 4.00pm Case Presentation and Literature Review - Daisuke Sakai  
4.10pm All posterior, minimal reduction - Mun Keong Kwan  
4.20pm All posterior, reduction with TLIF - Kamran Farooqui  
4.30pm Anterior and Posterior - K S Sivananthan  
4.40pm Discussion  
5.00pm Case Discussions

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# THURSDAY - 10 April 2025

# Concurrent Session Programs

## Trauma

Thursday - 10 April 2025

- 8.00am - 10.00am Panel Discussion Surgical Walk Through the Upper Limb - Panel**  
Moderators: Frankie Leung and Margaret Fok
- 8.00am Proximal Humeral Fractures - Nailing or plating Panel Coordinator Frankie Leung  
Panel: Ismail Hadisoebroto, Adel Belen  
8.15am Proximal Humeral Fractures - Fixation or Shoulder Replacement Panel Coordinator Christian Fang  
Panel: Joyce Koh, Saeed Althani, Lia Marlana  
8.30am Distal Humeral Fractures - Fixation or Replacement Panel Coordinator Joyce Koh  
Panel: Ajeet Tiwari, InHo Jeon, Sudhir Kumar  
8.45am Distal Radial Fractures - Fixation or Dorsal bridging Panel Coordinator Kim Latendresse  
Panel: Greg Bain, Greg Couzens, Margaret Fok  
9.00am The Mangled Upper Limb Amputate or Salvage Panel Coordinator: S Rajasekaran  
Panel: Roohi Ahmed, Sarah Ahmed
- 9.30am - 10.00am AO Special Lectures**  
Moderators: Cameron Cooke and Anup Agrawal
- 9.30am Trauma Special Lecture The AO and ARI Geoff Richards  
9.45am Trauma Special Lecture The development of the AO Mentorship Program Jaime Quintero
- 1.30pm - 3.30pm Ask the Expert Surgical Walk Through the Lower Limb**  
Moderators: Roger Bingham
- 1.30pm Open Reduction of complex femoral neck fractures Panel Host Tim Pohlemann  
Panel: Roger Bingham, Dhaval Desai  
1.50pm Complex Distal Femoral Fractures with Hoffa components Panel Host Peter Giannoudis  
Panel: Seth Tarrant, Frederic F Diyo  
2.10pm Complex Proximal Tibial Fractures Panel Host: Anup Agrawal  
Panel: Adel Belen, Bogdan Solomon, Harpal Singh Sehli, Tomoyuki Noda  
2.30pm Complex Distal Tibial Fractures Panel Host: Mandeep Dhillon  
Panel: Andrew Oppy, Lalit Maini, Yeok Pin Chua  
2.50pm Complex Foot and Ankle Fractures: Panel Host: Siddhartha Sharma  
Panel: Arvind Puri, David Lunz, Keen Wai Chong, Yuzuru Sakakibara  
3.10pm Tibial Infected Non Unions: Panel Host Kevin Tetsworth  
Panel: John Mukhopadaya; JK Oh
- 4.00pm - 6.00pm Lower Limb Debates**  
Moderators: Anup Agrawal and Florian Gebhard
- 4.00pm Dual Implants for Distal Femoral Fractures - Chris Wall vs John Mukhopadaya  
4.00pm Dual Implants - Chris Wall  
4.05pm Single Implants - John Mukhopadaya  
4.10pm Discussion

## Trauma (Continued)

- 4.15pm Continuous Monitoring for detecting compartment syndrome - Tim Pohlemann vs Roger Bingham  
4.15pm Continuous Monitoring is required - Tim Pohlemann  
4.20pm Continuous Monitoring is not required - Roger Bingham  
4.25pm Discussion  
4.30pm Free hand vs Image guided SI screws in acute pelvic injuries - Chris Morrey vs Ismail Hadisoebroto Dilogo  
4.30pm Image Guided is best - Chris Morrey  
4.35pm Free Hand is best - Ismail Hadisoebroto Dilogo  
4.40pm Discussion  
4.45pm Screw Stabilisation vs Tightrope for managing an ankle diastasis injury - Wael Taha vs David Lunz  
4.45pm Screw Stabilisation is best - Wael Taha  
4.50pm Tightrope is best - David Lunz  
4.55pm Discussion  
5.00pm - 5.30pm Panel Discussion Moderator: Aamir Bin Sabir  
5.30pm Closure - Anup Agrawal

## Waves

Thursday - 10 April 2025

- 4.00pm-4.15pm Women's Bone Health** Moderators: Joyce Koh and Adel Belen  
4.00pm Didactic talk - Upper limb issues and management. Roohi Ahmed  
4.10pm Discussion
- 4.15pm - 4.50pm Symposium: Fostering Equity and Inclusion: Overcoming Microaggressions and Gaining Equal Opportunities**  
Chairpersons: Margaret Fok and Ayesha Saeed  
Moderators: Lia Marlana and Emel Gonen  
Faculty: Margaret Fok, Ayesha Saeed, Chasana Rathod, Annette Holian
- 4.50pm - 5.10pm Keynote Lecture** Moderators: Azlina Abbas, Amber Haseeb  
Use of AI for DDH screening with USG - applications and impact on Care pathway for a nation. Rujuta Mehta  
Celebrating Diversity in the Host Nation. Kate Stannage (OWL Chair)  
Moderator: Annette Holian
- 5.10pm - 5.30pm AGM**

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# FRIDAY - 11 April 2025 Concurrent Session Programs



## PLENARY LECTURES

- 10.30am - 11.00am Isaharu Miki Memorial Lecture  
Leadership & Governance : Pillars of Strength For the  
APOA - Ellewellyn Pasion
- 11.00am - 11.30am Ian Phillip Torode Memorial Lecture  
How is Technology Helping Us in Driving Hip  
Preservation Surgery Forward - Vikas Khanduja
- 11.30am - 12.00pm Joint Replacement Surgery and Robotics - is this the  
future ? - SKS Marya

## CONCURRENT SESSIONS

### AO Trauma

### Foot and Ankle

### General Orthopaedics

### Hand and Upper Limb

### Hip

### Humanitarian

### Infection

### Osteoporosis

### Spine

### Sports

### YS Leadership

### Young Ambassadors Scientific Papers

Refer to following pages for concurrent session programs:

# FRIDAY - 11 April 2025 Concurrent Session Programs

## AO Trauma

Friday - 11 April 2025

- 1.30pm - 3.00pm Update on Current AO Innovations in Trauma  
Moderators: Cameron Cooke and Roger Bingham
- 3.30pm Welcome Mandeep Dhillon
- 3.35pm AO Incubator Programs and Projects - State of the Art in the management of open fractures - Michael Schuetz
- 4.50pm Technology assisted pelvic fixation - Tim Pohlemann
- 1.05pm Proximal Humeral Augmentation - tips and tricks - Florian Gebhard
- 1.20pm Management of post-traumatic bone defects - Peter Giannoudis
- 1.35pm Innovations in Fracture related infection (FRI) - Geoff Richards
- 1.50pm Advances in Stability of Femoral Nailing - Wael Taha
- 1.30pm - 6.00pm AO Trauma Seminar - Updates in Complex Fracture Management  
Moderators: Tim Pohlemann, Simon Matthews
- 1.30pm Infected femoral non unions: Panel Coordinator: Kevin Tetsworth  
Panel: Andrej Trampuz and Nick Jorgensen
- 1.50pm Infected tibial non unions: Panel Coordinator: Peter Giannoudis  
Panel: Cameron Cooke, Chris Morrey, Dhaval Desai, Wael Taha
- 1.10pm Post-traumatic defects in open femoral fractures: Panel Coordinator: Michael Schuetz  
Panel: JP Leung, JK Oh
- 1.30pm Post-traumatic defects in open tibial fracture: Panel Coordinator: Kevin Tetsworth  
Panel: Sameer Aggarwal, Frederic F Dilyco and Ismail Hadisobroto Dilogio
- 1.50pm Open Ankle Fractures in elderly patients: Panel Coordinator: Mandeep Dhillon  
Panel: Keen Wai Chong
- 1.10pm Complex Pelvic Ring Fractures Panel Coordinator: Vivek Tripathi  
Panel: Chris Morrey, Sameer Aggarwal, Michael Schuetz
- 1.25pm Smashed Acetabular Fractures Panel Coordinator: Chris Morrey  
Panel: Chris Morrey, Peter Giannoudis
- 1.40pm Complex combined ring and acetabular fractures Panel Coordinator: Sameer Aggarwal  
Panel: Dhaval Desai, Abhay Elhence, Tim Pohlemann

## Foot and Ankle

Friday - 11 April 2025

- 8.00am - 8.30am Debate FREE for ALL! Moderator: Gow Thevendran & Vinod Panchbhavi
- 8.00am AI Robotics will improve Foot and Ankle Surgery - Bedri Karalimaloglu & Amber Haseeb
- 8.10am Diabetic Infections - no more can be done - Simon Platt & Andri Primadhi
- 8.20am Open versus arthroscopic lateral ligament stabilisation - Carlo Borbon and Peter Lam
- 8.30am - 9.30am Case Presentations Moderator: Amy Touzell and Siu Kwal Ming
- 8.30am When the eyes cannot see what the mind does not know- Missed or Mismanaged Cases that I had to deal with! - Mandeep Dhillon and Shun-Ping Wang with Panelists
- 9.00am Wow! What a case- interesting cases that taught me and I taught my trainees Amber Haseeb with Panelists

## General Orthopaedics

Friday - 11 April 2025

- 4.00pm - 6.00pm From Fragility to Stability - The role of nutrition in the management of older patients  
Moderators: Onder Aydingoz, Jack Bell, Chris Wall
- 4.00pm The role of FFN in managing sarcopenia, frailty and osteoporosis Onder Aydingoz
- 4.20pm A new, simplified nutritional care pathway for hip fracture patients Jack Bell
- 4.40pm The scientific basis of nutrition and exercise for optimising the older orthopaedic patient Rajesh Malhotra
- 5.00pm Implementation of nutritional care: Whose responsibility? Jack Bell
- 5.20pm Bone Protection in the older patient when, where, why and by whom? Zairin Noor
- 5.50pm Discussion

## Humanitarian

Friday - 11 April 2025

- 9.45am - 10.30am Moderator: Nor Hazla Mohamed Halifah
- 9.45am Challenges in Orthopaedics in the Ukrainian War Munjed Al Muderis
- 10.00am My Experience running outreach programs in Indonesia Lia Marliana
- 10.15am Turning challenges into opportunities: navigating adversity as an orthopaedic surgeon Ibreez Rakshan





## FRIDAY - 11 April 2025 Concurrent Session Programs

### Hip

Friday - 11 April 2025

**4.00pm - 6.00pm Hip Section II: Revision THA: How to Build up your Key techniques in Revision THA?** Moderators: Darren Tay, Rami Sorial

#### Lecture

- 4.00pm Primary Mechanical Stability of the Cup in Revision THA - Darren Tay
- 4.08pm Role of Acetabular Augment in Revision THA - Lewis Chan
- 4.16pm How to Manage Pelvic Discontinuity - Rajesh Malhotra
- 4.24pm Choices of Femoral Stem in Revision THA - Rami Sorial
- 4.32pm Discussion

#### Surgical Technique & Tips

- 4.40pm Video I: Jumbo Cup - Marcelino Cadag
- 4.48pm Video II: Femoral IIG - Bogdan Solomon
- 4.56pm Video III: Acetabular IIG - Hwa Sen Chua
- 5.04pm Discussion

#### Debate: Acetabular Reconstruction in Revision THA

- 5.12pm Acetabular Cages is my Workhorse in Managing Major Acetabular Defect - Syed Shahid Noor
- 5.17pm Acetabular Cages should be Abandoned & Replaced by Porous Metal - Boopalan Ramasamy
- 5.22pm Crossfire & Discussion - Fares Haddad, Hwa Sen Chua

#### Case Presentation

- 5.30pm Revision THA Cases - Tang Ha Nam Anh
- Discussion Panelists - Fares Haddad, Rajesh Malhotra, Hwa Sen Chua, Boopalan Ramasamy, Marcelino Cadag
- 5.50pm Take-Home Message - Darren Tay

### Hand and Upper Limb

Friday - 11 April 2025

#### SHOULDER

- 8.00am - 8.30am Proximal Humeral Fractures** Moderators: Ted Mah, Jonathan Ronquillo
- 8.00am Proximal Humeral Fractures Conservative vs ORIF - Basel Masri
- 8.10am When a reverse is better & Getting it Right The First Time - Kerem Bilisel
- 8.20am Discussion

#### 8.30am - 9.00am Instability

- Moderator: Yoshikazu Kida, Kristine Italia
- 8.30am Soft Tissue Procedures DASS/New Techniques - Chi-Hao Chiu
- 8.40am Bony Procedures - Kevin Eng
- 8.50am Discussion

### Hand and Upper Limb (Continued)

#### 9.00am - 10.00am Arthroplasty

- Moderator: Richard Page & Myung-Sun Kim
- 9.00am RTSA/RSA in Young Active Individuals - Ken Cutbush
- 9.10am Is it a Panacea? Limitations of the RTSA - Tak Man Wong
- 9.20am Discussion

#### HAND

#### 1.30pm - 2.00pm Trauma

- 1.30pm Distal Radial Fractures in the Elderly - When to Fix - Raymar Sibonga
- 1.40pm TFCC/Ligament Instability in Distal Radial Fractures - Greg Couzens
- 1.50pm Discussion

#### 2.00pm - 2.30pm Scapholunate Instability

- 2.00pm New Concepts in Managing Scapholunate Instability - Roohi Ahmed
- 2.10pm Case Discussions - Greg Bain and Greg Couzens

#### 2.30pm - 3.00pm Arthritis

- 2.30pm Thumb Base OA - Interposition - Jeremy Loveridge
- 2.40pm CMCJ Replacements - Greg Bain
- 2.50pm Discussion

#### ELBOW

#### 4.00pm - 4.30pm Distal Humeral Articular Fractures

- Moderator: Arisna Artha Commentator: Greg Bain
- 4.00pm The fixation of Distal Humeral Fractures - Simon MacLean
- 4.10pm Arthroplasty in the management of distal humeral fractures - In-Ho Jeon
- 4.20pm Discussion

#### 4.30pm - 5.00pm Chronic Issues

- Moderator: Nattakorn Mahasupachai Commentator: Greg Bain
- 4.30pm Severe Cubital Tunnel Syndrome Decompression Only vs Transposition vs Supercharge

#### Nerve Transfer Margaret Fok

- 4.40pm Refractory Lateral Epicondylitis - it is Conservative vs Surgery - Angela Alder
- 4.50pm Discussion

#### 5.00pm - 5.30pm Elbow Dislocation

- Moderator: In-Ho Jeon and Cholaish Chanlalit
- 5.00pm Best Protocols for Conservative Management of elbow dislocations - Ken Lee Puah
- 5.10pm When Surgical Treatment is Required for Elbow Dislocation - Eduard Frank De los Reyes
- 5.20pm Discussion

- 5.30pm The Management of Terrible Triad Injuries of the Elbow - What, When, Why? Greg Bain
- 5.50pm Discussion

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## FRIDAY - 11 April 2025 Concurrent Session Programs

### Infection

Friday - 11 April 2025

#### 1.30pm - 2.55pm Moderators: Aditya Menon, Kazi Shamim Uzzaman

- 1.30pm Welcome and Introduction - Syed Shahidul Islam
- 1.35pm Keynote: Amputation and Osteointegration After TKA PJI - Kevin Tetsworth
- 1.55pm Spinal Infection: Treatment and Controversies - Syed Shahidul Islam
- 2.10pm Implant Management in Early Fracture-Related Infections: Evaluating Retention vs. Removal Strategies - Nilo Paner
- 2.25pm Unusual surgical site tubercular infection in Orthopaedic practice - Shah Alam
- 2.40pm The role of local antibiotics in infections - William Steadman

#### 4.00pm - 5.30pm Moderators: Syed Shahidul Islam & Michael Schuetz

- 4.00pm To DAIR or not to DAIR in Early PJI: Current Guidelines - Harpal Singh Sehli
- 4.15pm Reducing Prosthetic Joint Infection in Total Knee Arthroplasty: Advancements in Intraosseous Regional Prophylactic Antibiotics - Ben Parkinson
- 4.30pm Revolutionizing Periprosthetic Joint Infection Management: Unveiling a Novel Knee Spacer Solution - Yuhang Chang
- 4.45pm Local Antibiotic Delivery Options: What, When and How - Aditya Menon
- 5.00pm Advancing Orthopaedic Oncology: Insights from the PARITY Trial on Antibiotic Prophylaxis and its clinical impact - Raja Bhaskar
- 5.15pm Post Arthroscopy Infections: Navigating Effective Treatment Guidelines and Optimising Management Protocols - Aditya Menon

### Osteoporosis

Friday - 11 April 2025

#### 8.00am - 10.00am Moderators: Syed Shahidul Islam and Chris Wall

- 8.00am Pathways for the management of Hip Fractures and quality indicators for hip fracture care Irewin Tabu
- 8.15am Tackling complicated peritrochanteric fractures in the elderly - tips and tricks - Rajesh Malhotra
- 8.30am Osteoporotic vertebral fractures - Management principles - Zairin Noor
- 8.45am Periprosthetic fractures around the hip and knee implants - Fix vs Replace in the elderly - Yew Lok Woo
- 9.00am Distal femoral fractures - are they any less serious? - Seth Tarrant
- 9.15am Osteoporotic humeral fractures - Ketan Pande
- 9.25am Drug treatment in Osteoporosis - Current Trends - Buland Thapa
- 9.40am Discussion

#### 1.30pm - 3.30pm Moderators: Rajesh Malhotra, Irewin Tabu

- 1.30pm Principles of orthogeriatrics: Importance of comanagement and early surgery - Irewin Tabu
- 1.45pm Perioperative optimisation of elderly patients before surgery - Ketan Pande
- 2.00pm Case - Neck of femur fracture - Rajesh Malhotra
- 2.10pm Treatment failure after a fracture - could it be worse? - Seth Tarrant
- 2.20pm Summary
- 2.30pm Fragility fractures the orthopaedic solution - Chris Wall
- 2.45pm The detection of those at risk for Fragility Fractures and their medical management - Santosh Chaubey
- 3.00pm Discussion

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## FRIDAY - 11 April 2025 Concurrent Session Programs

### pine

Friday - 11 April 2025

8.00am - 9.45am AIS Case Discussions

8.00am - 8.30am Case A: AIS 20°, Peak Height Velocity Moderators: Mun Keong Kwan and Shah Alam  
8.05am Bracing - K S Sivanathan  
8.15am Physiotherapy Scoliosis Specific Exercises - Sureshan Sivanathan  
8.20am Discussion

8.30am-9.05am CASE B: AIS 45° at Peak Height Velocity Moderators: Mun Keong Kwan and Shah Alam  
8.35am Non-fusion - Michael To  
8.45am Fusion - S Rajasekaran  
8.55am Discussion

9.05am-9.45am CASE C: AIS Lenke 1C and other Cases Moderators: Mun Keong Kwan and Shah Alam  
Panel discussion of Case(s) All Panelists

### Sports

Friday - 11 April 2025

8.00am - 9.30am All About the Knee Moderators: Enrique Leonardo C. Pasion and Tang Ha Nam Anh

8.00am Welcome remarks - Enrique Leonardo C. Pasion  
8.05am Choices and harvesting techniques - Carlo Arada  
8.10am ACLR - Dilbert Monic  
8.15am ACL Repair - Tang Ha Nam Anh  
8.20am Revision ACLR - Andri Lubis  
8.25am LET/ALL - Tim Whitehead  
8.30am PCL/PLC - Lia Marilana  
8.35am MCL - Asep Santoso  
8.45am HTO for posterior tibial slope for ACLR - Charanjeet Singh  
8.50am Return to Play post ACLR - Enrique Leonardo C Pasion  
8.55am Panel discussion

9.05am Keynote Presentation: Anatomy of ITB in relation to LEAT or Evolution of ACL Reconstruction Through the Years - Hayden Morris

1.00pm - 3.15pm Joint Preservation

1.00pm Meniscus Moderators: Jose Antonio San Juan and Andri Lubis  
1.00pm Management of meniscus tears? - Kiki Novito  
1.10pm How to increase success rate of meniscal repair - Isa An Nagib  
1.20pm Techniques on root repair and ramp lesion - Timothy Teo  
1.30pm Bucket handle tear - Ricky E P Hutapea  
1.40pm Radial Meniscal tear a new approach - Augusto Alvarez  
1.50pm Discussion

2.00pm Cartilage Moderator: Francis Wong  
2.00pm Tissue engineering: conventional scaffold or 3D printed scaffold? - Tunku Kamarul  
2.15pm Cell therapy: stem cell: which one is the best? - Imelda Lumban Gaol  
2.30pm Growth factor: autologous PRP or fibrinogen plus HA? - Phedy  
2.45pm Cartilage repair surgery: Where we are? - Francis Wong  
3.00pm Growth factor for Cartilage Regeneration - Rizal Renaldi

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## FRIDAY - 11 April 2025 Concurrent Session Programs

### YS Leadership

Friday - 11 April 2025

8.00am - 10.00am YSF Leadership Session

Moderator: Yudha Mathan Sakti

8.00am Welcome - Yudha Mathan Sakti  
8.05am The importance of the YSF in the APOA - Onder Aydingoz  
8.15am How to action your ideas in the APOA - David Choon  
8.25am The importance of an APOA Mentor - Marinis Pirpiris  
8.35am Discussion  
8.45am The importance of the YSF in attracting young people to the APOA - Nicolaas Budhiparama  
8.55am How to publish in the APOA newsletter - Raja Bhaskar  
9.05am How I joined the Board of the APOA - Frederic F Diyo  
9.15am How to get involved with the APOA26 Congress program - Ram Chaddha  
9.25am Discussion  
9.35am Why is the AO strengthening its relationship with the APOA - Tim Pohlemann  
9.45am Which programs does AO Access provide? - Florian Gebhard  
9.55am Discussion

4.00pm - 6.00pm YSF LEADERSHIP PROGRAM

Young Ambassadors speak about Orthopaedics in their country

Moderator: Yudha Mathan Sakti

4.00pm Welcome - Yudha Mathan Sakti  
4.05pm Australia - Nicholas Jorgensen  
4.10pm China - Houyi Sun  
4.15pm Hong Kong - Janus Wong Siu Him  
4.20pm Discussion  
4.30pm India - Rashid Anjum  
4.35pm Indonesia - Imelda Lumban Gaol  
4.40pm Japan - Tanaka Ketsuke  
4.45pm Pakistan - Syed Akmal Sultan  
4.50pm Discussion  
5.00pm Korea - Jang Ho Kim  
5.05pm Malaysia - Amber Haseeb  
5.10pm Nepal - Sunil Thapa  
5.15pm Pakistan - Usama Bin Saeed  
5.20pm Philippines - Abigail Rivera Tud  
5.25pm Discussion  
5.35pm Singapore - Lynn Thwin  
5.40pm Taiwan - Chih Kai Hong  
5.45pm Turkey - Muhammed Yusuf Afacan  
5.50pm Discussion and Closing Comments

### Young Ambassadors Scientific Papers

Friday - 11 April 2025

1.30pm-3.30pm Moderators: Nicolaas Budhiparama and Onder Aydingoz

1.30pm What is the future of APOA?

Panel: Jamal Ashraf, Nicolaas Budhiparama, Marinis Pirpiris, Onder Aydingoz

2.10pm Identification of Risk Factors and Survival in Patients Undergoing Re-Amputation After Extremity Amputation. Muhammed Yusuf Afacan  
2.20pm Isolating limitations of clinical scores in detecting differences in functional outcomes among patients with musculoskeletal oncological procedures about the knee in comparison with motion capture and force plate gait analysis. Abigail Rivera Tud  
2.30pm Determinants of Delayed Discharges in Patients with Peritrochanteric Fragility Fractures: A Retrospective Cohort Study. Muhammed Yusuf Afacan  
2.40pm The impact of suture contamination on rotator cuff tendon retear: a matched-pair analysis in arthroscopic rotator cuff repair. Chih-Kai Hong  
2.50pm Regional Disparities in Osteoarthritis Prevalence: The Impact of Aging and Obesity Across Six WHO Regions. Muhammed Yusuf Afacan  
3.00pm Clinical Outcomes of Autologous Adipose-derived Mesenchymal Stem Cell Therapy in Treating Knee Osteoarthritis are Correlated with Stem Cell Quantity and Quality. Houyi Sun  
3.10pm Depression as a Prognostic Factor in Diabetic Lower Extremity Amputation: A Prospective Study Muhammed Yusuf Afacan  
3.20pm Prognosticating residual dysplasia at skeletal maturity after closed reduction of developmental dysplasia of the hip - a long-term study with average 20-year follow-up. Janus Wong

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# SATURDAY - 12 April 2025



## CLOSING CEREMONY

- 12.30pm APOA Australia Chapter Chair - Sue Liew
- 12.35pm APOA Incoming President - Nicolaas Budhiparama
- 12.40pm APOA25 Congress President - Marinis Pirpiris
- 12.45pm APOA26 Congress President - Ram Chaddha
- 12.50pm Presentation of Paper Prizes
- 1.00pm Acknowledgement of Sponsors

## CONCURRENT SESSIONS

Hip

Knee

Oncology

Spine

Sports

Trauma

Refer to following pages for concurrent session programs



# SATURDAY - 12 April 2025 Concurrent Session Programs

## Hip

Saturday - 12 April 2025

- 8.00am - 10.30am Hip Section III: Perioperative Management & Complications in THA**  
Moderators: Abhay Elhence, Boopalan Ramasamy
- Lecture**
- 8.00am ERAS protocol in THA: Basic and the Update - Lawrence Lau
  - 8.08am Big Heads may be not better - Ross Crawford
  - 8.16am What is the Update in the Prevention and Diagnosis of PJI - Yuhang Chang
  - 8.24am Periprosthetic Fracture Management: What is the Update? - Amin Chinoi
  - 9.02am Discussion
- Surgical Technique & Tips**
- 9.10am Video I: How to do a DAIR in infected THA - Minjae Lee
  - 9.18am Video II: How to Make Antibiotic-Loaded Spacer in THA - Cheng-Fong Chen
  - 9.26am Video III: How to revise Vancouver B3 Fractures in THA - Rajeev Sharma
  - 9.34am Discussion
- Debate: Revision in Infected THA**
- 9.42am One Stage PJI Revision should be considered for Everyone - David Campbell
  - 9.47am Two Stage PJI Revision should be the norm for Everyone - Faith Kucukdurmaz
  - 9.52am Crossfire & Discussion - Fares Haddad, Yuhang Chang
- Case Presentation**
- 10.00am Complications in THA - Kyung-Soon Park  
Discussion Panelists: Fares Haddad, Cheng-Fong Chen, Minjae Lee, Rajeev Sharma, Faith Kucukdurmaz, David Campbell, Yuhang Chang
  - 10.20am Take-Home Message - Abhay Elhence
- 10.30am - 12.30pm Hip Section IV: Cutting-Edge Technologies in THA - What will be the future?**  
Moderators: Lewis Chan
- 10.30am Navigation in THA - Zhou Baochun
  - 10.38am 3D printing in THA - Michael Wyatt
  - 10.46am Wearable Technology in THA - Bogdan Solomon
  - 10.54am AR/VR/MR technology in THA - Lawrence Lau
  - 11.02am Artificial Intelligence in THA - Lawrence Lau
  - 11.10am Telemedicine in THA - Zhou Baochun
  - 11.18am Robotic-assisted technology in THA - Hwa Sen Chua
  - 11.26am Robot Revolution: What's the recent trend in China? - Tang Hao
  - 11.34am Green Orthopaedics - Amy Cheung
  - 11.42am Panel Discussion - What technologies are going to stay - All speakers
- 11.50am Keynote Lecture: What will be the future of THA? - Fares Haddad**
- 12.20pm Discussion & Closure - Lewis Chan**

## Knee

Saturday - 12 April 2025

- 8.00am - 9.00am Cartilage Management: Current Concepts**  
Moderators: Denny Lie, Young-Mo Kim, Cheng-Fong Chen
- 8.00am Cartilage defect Assessment (radiological and clinical) Classification. Ricky E P Hutapea
  - 8.10am Surgical strategies for cartilage defects. Denny Lie
  - 8.20am Microfracture, drilling, mosaicplasty. Sinan Karaoglu
  - 8.30am Techniques based on chondrocyte implantation. Young-Mo Kim
  - 8.40am Secretome Therapy for Knee Osteoarthritis: Enhancing Functional Recovery and Cartilage Regeneration on MRI Cartigram. Binting Soetjahjo
  - 8.50am Discussion
- 9.00am - 10.00am Case discussions on Osteotomy/UKA**  
Moderator: Peter McEwen  
Panel: Sinan Karaoglu, Ricky E P Hutapea, Young-Mo Kim, Binting Soetjahjo
- 10.30am - 12.20pm Revision TKA Session**  
Moderators: Jae-Ang Sim and Nicolaas Budhiparama
- 10.30am Early revision: What is the real value of DAIR (indications and limits). Nicolaas Budhiparama
  - 10.40am Management of bone deficit in revision TKA. Kunal Aneja
  - 10.50am Exposure and component removal in revision. Kunal Aneja
  - 11.00am Soft tissue management in revision TKA. Jae-Ang Sim
  - 11.10am Implant selection in revision TKA. Jong-Keun Seon
  - 11.20am Conversion of failed UKA to TKA: Tips and tricks. Adarsh Reddy
  - 11.30am Infection after TKA: One or two stage revision. Ricky E P Hutapea
  - 11.40am Discussion

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# SATURDAY - 12 April 2025

## Oncology

Saturday - 12 April 2025

- 8.00am - 8.10am Functioning muscle transfer** Eldon Mah
- 8.10am - 8.20am Navigation and Jigs for precision in resection of extremities** Peter Choong
- 8.20am - 9.30am Session 1: Pelvic 3D Printed Prosthesis** Moderator: Peter Choong
- 8.20am Use of 3D printed prostheses. Things to consider Peter Choong
  - 8.30am 7A new classification of pelvic resections. Considering pelvic prostheses Richard Boyle
  - 8.40am The place of industry in supporting surgical advancement Bethany Oates
  - 8.50am What are the alternatives. Toru Akiyama
  - 9.00am Unplanned resection of soft tissue sarcoma Ali Al Yami
  - 9.10am Panel Discussion
- 9.30am Break**
- 9.45am - 10.45am Session 2: Digital technology and AI in Orthopaedic Oncology.** Moderator: Suhail Hafeez
- 9.45am AI based planning and jig design without engineering help Manish Agarwal
  - 9.55am AI for consultation and patient notes Peter Steadman
  - 10.05am Using AI based apps for Research Raja Bhaskar
  - 10.15am Discussion
- 10.45am Break**
- 11.00am - 12.00pm Session 3: Approach to commonly encountered lesions in everyday orthopaedic practice: Tips from the specialists** Moderator: Manish Agarwal  
Panel: Peter Steadman, Masood Umer, Wan Faisham, Nor Hazla, Raja Bhaskar

This session is aimed at providing practical insights for an orthopaedic surgeon on frequently encountered lesions in everyday practice. Each case will have a learning point in imaging, pathology, biopsy or treatment plan.

Cases to be chosen from

- Well defined cartilage lesion in a long bone: Is this Enchondroma, ACT or a chondrosarcoma?
- Incidentally picked up lytic lesion: Is it a Touch me not lesion or something else?
- Cystic looking lesion in a child: UBC, ABC or something else?
- Well defined lytic lesion: GCT or something else?
- Synovial thickening & effusion vs Pvn
- Large deep soft tissue swelling after a fall: hematoma or tumor?
- Long bone aggressive lesion with Periosteal reaction: Is this Infection or ewings?

## Spine

Saturday - 12 April 2025

- 8.00am - 10.00am AO Spine Combined Session** Moderators: Michael To and Yudha Mathan Sakthi
- 8.00am Contemporary clinical perspectives on chronic low back pain: What have we done and what is missing? Ashish Diwan
  - 8.10am Effects of obesity on endoscopic spine surgery. Froukje Koremans
  - 8.20am Role of microblome in chronic low back pain and in predicting one level lumbar microdiscectomy. Stone Sima
  - 8.30am Biotherapy and Regenerative Medicine Targeted for Intervertebral Disk Herniation and Degenerative Disk Disease. Daisuke Sakai
  - 8.50am Discussion
  - 9.00am Mass spectrometry-based proteomics techniques for DCM blood biomarker discovery and validation from the MYNAH registry + Update on the MYNAH registry. Nashwa Najib
  - 9.10am Is Neck Pain a Marker for Something Serious? Like Myelopathy + Clinical Signs and Symptoms for Degenerative Cervical Myelopathy: A Scoping Review of Case-control Studies to Facilitate Early Diagnosis among Healthcare Professionals with Stakeholder Engagement. Alisha Sial
  - 9.20am Data linkage for Degenerative Cervical Myelopathy. Nashwa Najib
  - 9.30am Artificial Intelligence and Deep Learning Model to Classify and Monitor Scoliosis. Grace Tseng
  - 9.40am Discussion
- 10.30am - 12.30pm Technique Videos - 15 + 5 mins each** Moderators: Brian Hsu and K S Sivananthan
- 10.30am Technique Video 1 Kenneth Man Chee Cheung
  - 10.50am Technique Video 2 Bhishampal Singh
  - 11.10am Technique Video 3 Mun Keong Kwan
  - 11.30am Technique Video 4 Daisuke Sakai
  - 11.50am Technique Video 5 Kamran Farooque
  - 12.10pm Technique Video 6 Yudha Mathan Sakthi

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# SATURDAY - 12 April 2025

## Concurrent Session Programs

### Sports

Saturday - 12 April 2025

8.00am - 10.00am Patellofemoral Instability  
 .00am Algorithm to manage PFI Rizal Rinaldi  
 .15am 1st time dislocator Do Van Loi  
 .30am TTO: Naphaporn Saengphet  
 .45am MPFLR Asep Santoso

Moderators: TBA

0.30am - 12.15pm Others  
 0.30am The Bakers Cyst: Discussion and Treatment Hayden Morris  
 0.45am Overused injuries of the elbow Wen-Yi Chou  
 1.00am Hip arthroscopy Parminder Singh  
 1.15am Clinical and radiological signs of FAI En Rung Chiang  
 1.30am Updates of hip arthroscopy for labral repair and FAI Yi-Sheng Chan  
 1.45am Achilles tendon tendinopathy to ruptures: Management (conservative to surgical) Arvind Puri  
 2.00pm Haglund's deformity and its management Carlo Borbon

Moderators: Parminder Singh and Arvind Puri

### Trauma

Saturday - 12 April 2025

8.00am - 10.00am Tips and Tricks Upper Limb  
 Moderators Christian Fang and Adel Belen  
 8.00am 3D Printing in the fixation of upper limb fractures - Christian Fang  
 8.20am Proximal Humeral Fractures - Saeed Althani  
 8.40am Humeral Shaft Fractures - Ajith Kumar  
 9.00am Distal Humeral Fractures - Ajeet Tiwari  
 9.20am Terrible Triad Injuries - Robert Pozzi  
 9.40am Discussion

10.30am - 12.15pm Tips and Tricks  
 Moderators: Anup Agrawal, Lia Marlana and Chun-Hao Tsai

10.30am Limb Reconstruction in Severe Trauma - Leonardo Lopez  
 10.45am MIPO Plating of Tibial Metaphyseal Fractures & Nailing of Tibial Metaphyseal Fractures - Wael Taha  
 11.00am Femoral Neck System for Adult Femoral Neck Fractures in a Delayed Setting - Frederic F Diyno  
 11.15am Plating of Tibial Plateau Fractures - Harpal Singh Sehli  
 11.30am Complex Malunions of the ankle - Siddhartha Sharma  
 11.45am Complex Midfoot Fractures - Arvind Puri  
 12.00pm Closure - Anup Agrawal

