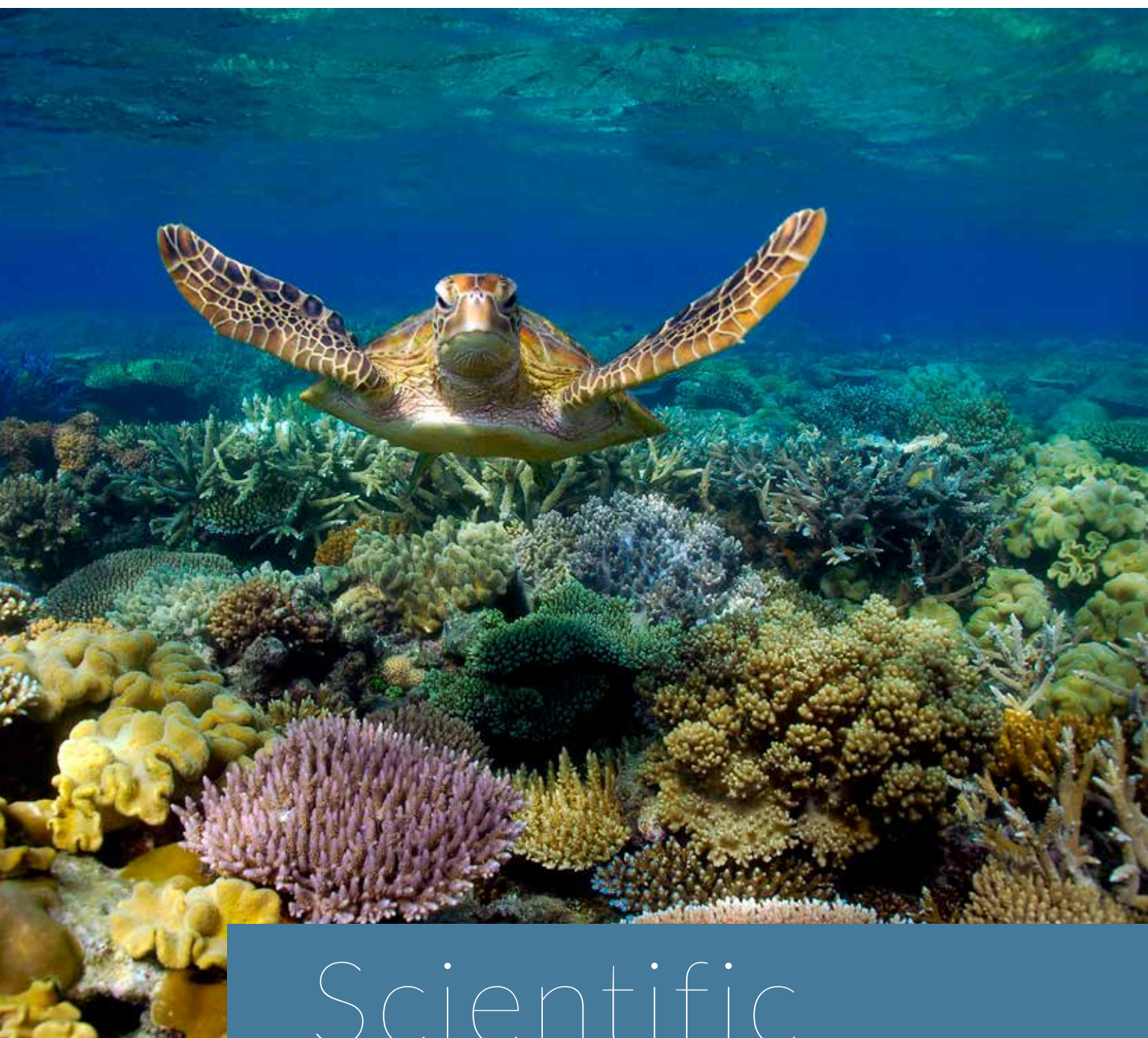


APCOA25
Cairns, Australia
9-12 April 2025

**Artificial
Intelligence,
Robotics
and Mixed
Reality**



Scientific
Program 2025

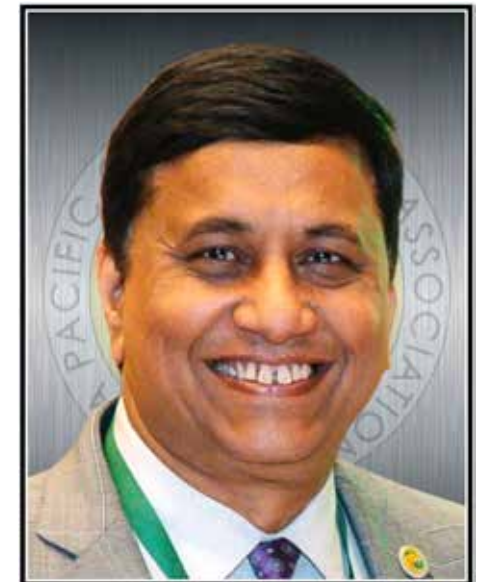


Dear Friends,

It is my great pleasure to invite you to the 24th Congress of the Asia Pacific Orthopaedic Association in Cairns, Australia from April 9-12, 2025.

APOA 2025 will be held at the newly renovated, award-winning Cairns Convention Centre, just a ten-minute drive from the international airport. Known for its distinctive environmental design, the Centre is nestled between the breathtaking Great Barrier Reef and ancient tropical rainforests.

The APOA 2025 program has attracted global leaders to participate and exchange expertise and to launch brilliant new ideas together. The scientific program will focus on symposia and instructional lectures given by distinguished speakers from across the world.



This meeting is designed for you to interact with the experts from all over the globe to share and enhance knowledge, and for interaction among peers. Apart from the invigorating scientific program, this meeting will also offer its attendees an unforgettable cultural and travelling experience.

The region of Cairns is home to the iconic Great Barrier Reef and Wet Tropics World Heritage Rainforest, but the city of Cairns itself is also a must-visit. You'll find brilliant cafés, bustling markets and plenty of beaches nearby. Relax by a resort pool; spend your days exploring this tropical oasis, or enjoy an extraordinary diving experience.

I would like to extend my sincere invitation to you all to join me in Cairns. I am sure that this scientific extravaganza will advance orthopaedic knowledge and forge new friendships.

I look forward to meeting you 'down under' in April 2025.

G'Day mate

Jamal Ashraf President - APOA



Dear Colleagues

The Program is Ready – Time to Register!

Get ready for an extraordinary journey!

On behalf of the APOA, I am thrilled to announce that the 24th APOA Congress is now open for registration. Join us from April 9th to 12th, 2025, in the vibrant city of Cairns, the gateway to Queensland's tropical paradise. The conference will take place at the iconic, newly renovated, and award-winning Cairns Convention Centre!

This 4-day event promises an exhilarating program featuring interactive case discussions, instructional lectures, and the latest insights into cutting-edge topics. With sessions led by some of the world's top orthopaedic surgeons, you'll gain invaluable knowledge and explore transformative advancements in artificial intelligence, robotics, and mixed reality—technologies shaping the future of healthcare today.

And there's more! Cairns offers much more than a world-class conference experience. Situated between the stunning Great Barrier Reef and ancient tropical rainforests, it's a hub for natural wonders and cultural discovery. Explore the majestic reef, the Atherton Tablelands, Cape Tribulation, and the Daintree Rainforest. Dive into the rich traditions of the Aboriginal and Torres Strait Islander peoples for an enriching cultural experience.

Don't miss this unique opportunity to expand your professional horizons while immersing yourself in one of the most spectacular locations on Earth. Whether you come solo or bring your family, Cairns promises a memorable blend of scientific innovation and adventure.

Register now and secure your spot for an unforgettable experience! See you in Cairns, where science meets wonder!



Marinis Pirpiris
APOA Congress President



On behalf of the Scientific Committee, I extend a warm welcome to the 24th Congress of the Asia Pacific Orthopaedic Association (APOA), taking place in the vibrant city of Cairns, Australia, from April 9th to 12th, 2025. This gathering marks a significant milestone for our esteemed organization, a testament to the unwavering dedication of orthopaedic surgeons across the Asia Pacific region to advancing the science and art of our field.

Founded in 1962, APOA has evolved into a dynamic and influential force in global orthopaedics, uniting over 70,000 members across 40 countries. Now emerging as one of the largest orthopaedic associations worldwide, our mission is to advance the science and practice of orthopaedic surgery by fostering education and research, promoting professional development, and disseminating cutting-edge knowledge through lectures, workshops, and interactive sessions. Furthermore, we are dedicated to building a strong and collaborative community by fostering open dialogue and collaboration among surgeons, encouraging knowledge sharing, and cultivating a supportive and inclusive environment for professional growth.

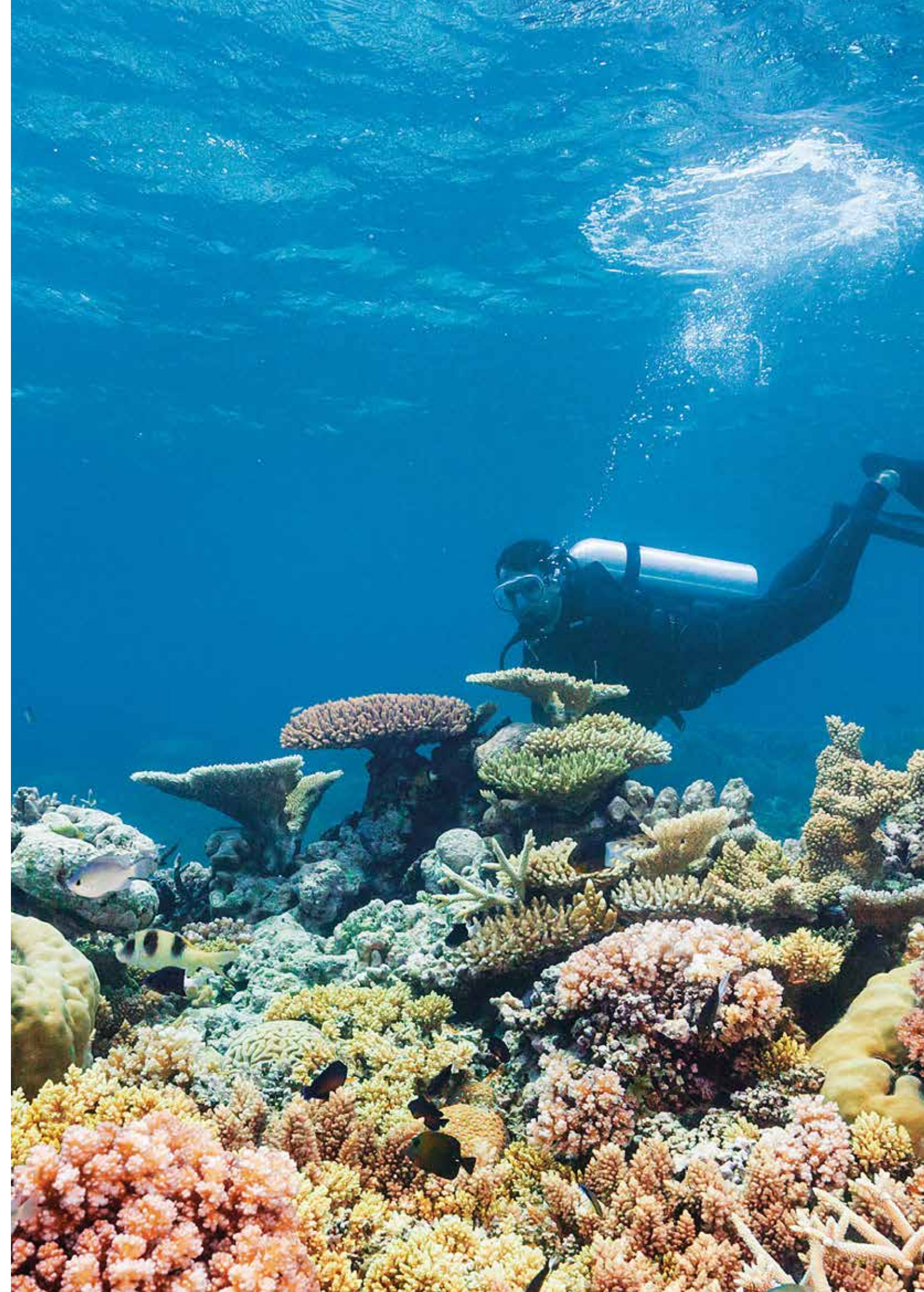


Covering a diverse range of topics encompassing the entire science of orthopaedic surgery, with a focus on Artificial Intelligence, Robotics, and Mixed Reality, The APOA Cairns 2025 Congress is not to be missed. The Scientific Committee has meticulously curated a program featuring unique and exciting topics within the different sub-specialities. This program will feature world-renowned experts, including Fares Haddad, Florian Gebhard, Mohit Bhandari, Sanjiv Marya, S. Rajasekaran, and Vikas Khanduja, who will share their insights, ensuring all delegates gain the most relevant information on the global orthopaedic stage.

Beyond the enriching scientific program, Cairns itself offers a captivating blend of natural beauty and cultural experiences. Located in the beautifully renovated Cairns Convention Centre, strategically situated on the Marina, attendees can explore the wonders of the Great Barrier Reef, a UNESCO World Heritage Site, delve into the rich cultural heritage of the Aboriginal and Torres Strait Islander peoples, and enjoy the vibrant city life and warm hospitality of Australia.

We invite you to join us in Cairns for an unforgettable experience. Let us come together to learn, collaborate, and celebrate the remarkable achievements of orthopaedic surgery in the Asia Pacific region.

Nicolaas Budhiparama
Scientific Chair



Dear Friends,

It is with great pride and joy that APOA invites you to join its Annual Congress 9-12 April 2025 at Cairns, Australia.

Constructing a Scientific Program for a region as diverse as the Asia Pacific was never going to be easy. Without enthusiasm, innovation and lateral thinking it would be impossible. Fortunately, all these ingredients were present and came together in the right proportions to develop a program for the APOA, Cairns Congress 25. This was made possible with indispensable contributions from the Section heads and members, Reviewers, local, regional and international contributors, faculty and presenters and the Scientific Committee all of whom we welcome and sincerely thank for their efforts. The meeting with its Plenary lectures by world renowned speakers, interactive sessions, case discussions and symposia will no doubt be stimulating, thought provoking, educational and practical. The cutting edge program put together has a varied content which will appeal to one and all.



The Asia Pacific region provides us with diversity in pathology allowing us to be unique and creative in our own milieu. This is the opportunity for us to learn from one another and enhance our knowledge and surgical repertoire.

Pre Congress Workshops, assembled by the Foot and Ankle, Knee and Trauma Sections, promise to deliver Instructional lectures, Surgical techniques and hands on demonstrations which are all unmissable.

APOA strongly believes in nurturing emerging surgeons, accepts and embraces diversity and collaboration - all of which are exemplified in the Young Surgeons forum, Waves and Guest Society sessions.

Use this opportunity to explore Cairns and its surrounds which has two World Heritage sites Great Barrier Reef and the Daintree Tropical Rainforest.

So please register and head down under for what is going to be truly enriching and rewarding experience.

Arvind Puri
Scientific Secretary

APOA 2025 PROGRAM

Wednesday 9 April 2025

Pre-Congress Workshops

Foot and Ankle
Knee
Trauma

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
Invited Collaborating Societies
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

Organising Committee

President	Jamal Ashraf	India
1st Vice President	Nicolaas Budhiparama	Indonesia
2nd Vice President	Onder Aydingoz	Turkey
Secretary General	Arif Khan	Pakistan
Honorary Treasurer	Syed A L Alsagoff	Malaysia
Congress Committee Chairman	Frederic Joseph F. Diyco	Philippines
Congress President 2025	Marinis Pirpiris	Australia

Foot & Ankle Section	Arvind Puri	Australia
Hand & UL Section	Margaret Fok	Hong Kong
Hip Section - APHS	Lewis Chan	Hong Kong
Infection Section - APMIS	Syed Shahidul Islam	Bangladesh
Knee Section - APKS	Merter Ozenci	Turkey
Oncology Section	Peter Choong	Australia
Orthopaedic Research - APORS	Ismail Hadisoebroto Dilogo	Indonesia
Osteoporosis & Fragility Fracture	Rajesh Malhotra	India
Paediatrics Section - APPOS	Leo Donnan	Australia
Spine Section - APSS	Mun Keong Kwan	Malaysia
Sports Section	Enrique C Pasion	Philippines
Trauma Section - APTS	Anup Agrawal	India
Women's Advocacy Section	Rujuta Mehta	India

Scientific Committee

Scientific Chair	Nicolaas Budhiparama	Indonesia
APOA President	Jamal Ashraf	India
Congress President 2025	Marinis Pirpiris	Australia
Scientific Secretary	Arvind Puri	Australia

Abstract Reviewers

Abdul Satar	Dhaval Desai	Michael Johnson
Abhay Elhence	Erica Kholinne	Mojieb
Adel Belen	Hakan Kinik	Myungsun Kim
Aditya Menon	Harpal Singh Sehli	Nathaniel Orillaza Jr
Alphonsus Chong	Hideki Shigematsu	Nick Russell
Amin Chinoy	Jamal Ashraf	Nilo Paner
Andri Lubis	Joyce Koh	Nusret Kose
Arvind Puri	K. C. Wong	Ricky Hutapea
Asep Santoso	Kamran Farooque	Rongquillo Jonathan
Bhishimpal Singh	Kate Stannage	Ruurd Jaarsma
Brian Loh	Ken Ye	Soo-Min Cha
Buland Thapa	Ketan Pande	Suresh Sivanthan
Chanalait Cholaish	Kris Lundine	Syed Shahid Noor
Charanjeet Singh	Kumar Shantanu	Syed Shahidul Islam
Chen Yan Yu	Kunal Aneja	Tang Ha Nam Anh
Christian Fang	Lewis Chan	Wan Faisham
Claudia Di Bella	Lia Marliana	Wongthawat Liawrungrueang
Dave Lee	Margaret Fok	Zairin Noor
Devarani Pancharatn	Marinis Pirpiris	

Welcome to the AO Foundation and AO Trauma.

We welcome this year's guest association, the AO Foundation and AO Trauma. The AO is a global leader in advancing care for patients with musculoskeletal injuries and disorders. Founded in 1958 by a group of visionary Swiss surgeons, the AO has grown into a world-renowned organisation dedicated to improving patients' outcomes through research, education, innovation and community engagement. Its mission is rooted in creating a unified approach to the treatment of trauma, spine, craniomaxillofacial and veterinary conditions.

At the heart of the AO is its commitment to education. It provides cutting edge training programs, hand-on workshops and online learning opportunities for healthcare professionals across all career stages. These educational initiatives, supported by a global network of expert faculty, ensure that surgeons and healthcare providers have access to the latest techniques and evidence-based practices in musculoskeletal care.

Research is the cornerstone of the AO. Its commitment to scientific discovery has led to significant advancements in surgical techniques, biomaterials, and implant design. Through partnerships with academic institutions and industry leaders, the AO facilitates groundbreaking studies that shape the future of orthopaedic and trauma care.

The AO is structured around five clinical divisions – AO Trauma, AO Spine, CMG (Cranio-maxillofacial), AOVET, and AO Recon – each focussing on specific areas of musculoskeletal health. These divisions provide specialised support, resources and training, fostering excellence within their respective fields.

Beyond its scientific and clinical contributions, the AO emphasises collaboration and community building. Its global network of professionals, spanning over 100 countries, fosters knowledge exchange and mentorship, creating a vibrant ecosystem dedicated to improving patient care.

As a pioneer in musculoskeletal care, the AO remains committed to advancing innovation, enhancing education, and uniting healthcare professionals in their shared mission to transform lives.

The recent signing of a memorandum of understanding to collaborate between the AO and the APOA marks a significant milestone in advancing orthopaedic care and education across the Asia-Pacific region. The partnership brings together two esteemed organisations with a shared vision of fostering excellence in orthopaedic research, clinical practice, and training. By leveraging the combined expertise and resources, this collaboration aims to enhance the quality of care, promote innovation and address the unique challenges faced by healthcare professionals and patients in the region. During the APOA Congress of 2025, we will celebrate the memorandum of collaboration, which is a testament to the commitment of both the AO and APOA to improve outcomes and building a sustainable future for orthopaedic care. We look forward to a long and fruitful collaboration between our two wonderful organisations.

Professor Marinis Pirpiris
Congress President



The formal signing of the memorandum of understanding to collaborate between the AO Foundation and the APOA in Davos Switzerland, 2024. Dr Jamal Ashraf, President of the APOA, Professor Trim Pohlemann, President of the AO Foundation and Dr Wael Taha, Chair of the AO International Board was also present at the event



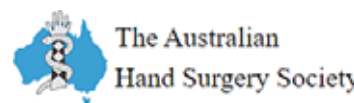
The formal signing of the memorandum of understanding to collaborate between the AO Foundation and the APOA in Davos, Switzerland 2024. Professor Nicolaas C. Budhiparama, First Vice President of the APOA, Professor Tim Pohlemann, President of the AO Foundation and Mr Eberhard Denk, Executive Director Community and Governance and Director of AO Trauma and AO Recon



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Major



Event



Destination



Venue



**Artificial
Intelligence,
Robotics
and Mixed
Reality**



The 24th Asia Pacific Orthopaedic Association (APOA) Annual Scientific Meeting will take place from April 9-12, 2025, at the world-renowned Cairns Convention Centre.

This state-of-the-art venue, recognized for its outstanding facilities and services, offers an ideal setting for an international event of this magnitude. Located in the heart of Cairns, the convention centre is surrounded by a stunning natural environment, often referred to as “nature’s pristine playground.”

Delegates will not only benefit from cutting-edge presentations, workshops, and networking opportunities but also have the chance to explore the region’s unique attractions, including the Great Barrier Reef, Daintree Rainforest, and vibrant local culture.

With its seamless blend of professional excellence and breathtaking surroundings, the Cairns Convention Centre promises an unforgettable experience for all attendees.



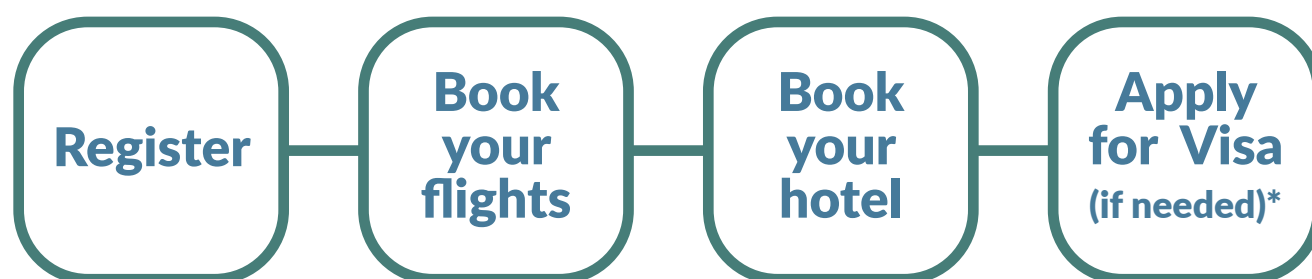


Attending an international conference requires planning.

Now is the time for you to commence your preparations to attend APOA25.

For further information on APOA25 and Cairns visit:
apoa2025.org

Information & preparation



* Check with your local Australian Embassy to see if you require a visa, if you require a visa letter from APOA2025 to accompany your visa application, you MUST register for the conference and then email info@APOA2025.org requesting a visa letter.

Social

Wednesday 9 April 2025

Welcome Cocktail Party

Time: 6.30pm - 8.00pm

Venue: Cairns Convention Centre

Dress: Smart Casual

(Included in registration, select to attend when registering)

Thursday 10 April 2025

Presidents Dinner

(Invitation only)

Friday 11 April 2025

Congress Dinner

Time: 7.00pm - midnight

Venue: Cairns Convention Centre

(Register to attend: Cost \$150)



Pre-Conference Workshops

Wednesday
9 April 2025

Foot and Ankle
Knee
Trauma

Foot and Ankle

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, Alison 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

Alison 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 Harron	
David Lunz	Sandeep Patel	
Daman Jha	Siddhartha Sharma	
Eric Cher	Simon Platt	
Gow Thevendran		

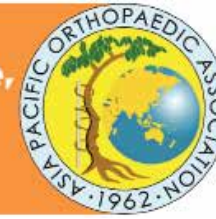
SPONSORS



Knee



Artificial
Intelligence,
Robotics
and Mixed
Reality



Trauma

9.00am - 10.15am

Meniscus Session

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 - Kukuh Dwiputra Hernugrahanto
- 9.50am Discussion

10.15am - 11.40am

ACL Session:

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 - 1.50pm

Patella Instability Session

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

1.50pm - 3.05pm

Osteotomy

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 varus 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 - 4.40pm

Primary TKR

Moderators: Peter McEwen

- 3.05pm Analytical total knee arthroplasty - Yixin Zhou
- 3.15pm Advantages and disadvantages of kinematic alignment - Shuichi Matsuda
- 3.25pm Staying 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

4.40pm - 5.00pm

Current concepts in managing ACL injuries. Keynote Speaker: Justin Roe

9.00am - 10.30am

Lower Limb Periprosthetic Fractures

Moderators: Roger Bingham, Cameron Cooke, Tomoyuki Noda

- 9.00am Welcome - Jamal Ashraf, Cameron Cooke, Marinis 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

AO milestones and Innovations

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 Quintero
- 11.00am The AO and the APOA - Innovations and collaborations - Tim Pohlemann
- 11.10am Innovations in Trauma, what is coming next ? - Michael Schuetz

11.20am- 12.00pm

Violation of principles and solutions

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

Peri implant Infection

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 Mukhopadhyaya
- 12.50pm Discussion

2.00pm - 3.00pm

Upper Limb a Periprosthetic Issues and Periprosthetic fractures

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

3.30pm - 5.30pm

Lower Limb Management Challenges

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 Gandhi
- 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

SCIENTIFIC PROGRAM



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



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	4pm - 6pm
Arthroplasty	2pm - 6pm
Foot and Ankle	8am - 9.30am 1.30pm - 3.30pm
How to Publish Your Work	1.30pm - 3.15pm
Knee	8am - 2pm
Osteoporosis	4pm - 6pm
Paediatrics	8am - 10am
Research	8am - 10.20am 1.30pm - 3.00pm
Spine	8am - 9.30am 1.30pm - 5.30pm
Trauma	8am - 10am 1.30pm - 5.30pm
Waves	4.00pm - 6.00pm

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 Sakti 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 Sakti**

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 Karaismailoglu**

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. **Aamir 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**

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 Arafa**

1.30pm - 3.30pm **How do I do it- Instructional Videos and Talks**
Moderator: Alison 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 Tigh trope for Lisfranc Injuries. **Yeok 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**
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 Arafa, 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

Knee

Thursday - 10 April 2025

8.00am - 9.10am Complex TKA Management Moderators: John Bartlett

- 8.00am TKA in varus deformity: Assessment and management. **Kukuh Dwiputra Hernugrahanto**
- 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 - **Amin 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, Muharrem 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 Mukhopadhaya**

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 - **Chasanal Rathod**

Research

Thursday - 10 April 2025

8.00am - 8.50am Mechanics vs Biologics in Bone Healing

Moderators: Ismail Hadisoebroto Dilogo and Joyce Koh

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. **Phedy**

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. **Dhaval Desai**

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. **Kukuh Dwiputra Hernugrahanto**

2.50pm Discussion

Spine

Thursday - 10 April 2025

8.00am - 10.00am Case Discussions **Moderators: Mun Keong Kwan, Brian Hsu and Tai Hui ren**

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 Scolio - **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 Scolio - **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 Farooque**

1.30pm CASE C: L4-5 Degen Spondy, Leg Pain 8/10, Back pain 8/10, L4-S1 Lumbar Lordosis 5°, 15° Degen Scolio - **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 Farooque**

4.30pm Anterior and Posterior - **K S Sivananthan**

4.40pm Discussion

5.00pm Case Discussions

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 Haridoebroto, Adel Belen**

8.15am Proximal Humeral Fractures - Fixation or Shoulder Replacement Panel Coordinator **Christian Fang**
Panel: **Joyce Koh, Saeed Althani, Lia Marliana**

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 Rajasekeran;**
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 **Jaimie 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 Diyc**

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 Mukhopadhaya**
4.00pm Dual Implants - **Chris Wall**
4.05pm Single Implants - **John Mukhopadhaya**

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 Dilog**
4.30pm Image Guided is best - **Chris Morrey**
4.35pm Free Hand is best - **Ismail Hadisoebroto Dilog**

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 Marliana and Emel Gonen**
Faculty: **Margaret Fok, Ayesha Saeed, Chasanal 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**

5.10pm - 5.30pm Celebrating Diversity in the Host Nation. Kate Stannage (OWL Chair)
Moderator: Annette Holian

5.30pm - 6.00pm AGM



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 Philip 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	1.30pm - 6.00pm
Foot and Ankle	8.00am - 9.30am
General Orthopaedics	4.00pm - 6.00pm
Hand and Upper Limb	8am - 10am 1.30pm - 6pm
Hip	4.00pm - 6.00pm
Humanitarian	9.30am -10.30am
Infection	1.30pm - 5.45pm
Osteoporosis	8am - 10am 1.30pm - 3.30pm
Spine	8am - 9.30am
Sports	8am - 10am 1pm - 4pm
YS Leadership	8am - 10am 4pm - 5.30pm
Young Ambassadors Scientific Papers	1.30pm - 3.30pm

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

1.30pm Welcome **Mandeep Dhillon**
1.35pm AO Incubator Programs and Projects -State of the Art in the management of open fractures - **Michael Schuetz**
1.50pm Technology assisted pelvic fixation - **Tim Pohlemann**
2.05pm Proximal Humeral Augmentation - tips and tricks - **Florian Gebhard**
2.20pm Management of post-traumatic bone defects - **Peter Giannoudis**
2.35pm Innovations in Fracture related infection (FRI) - **Geoff Richards**
2.50pm Advances in Stability of Femoral Nailing - **Wael Taha**

3.30pm-6.00pm **AO Trauma Seminar - Updates in Complex Fracture Management**
Moderators: Tim Pohlemann, Simon Matthews

3.30pm Infected femoral non unions: Panel Coordinator: **Kevin Tetsworth**
Panel: **Andrej Trampuz and Nick Jorgensen**
3.50pm Infected tibial non unions: Panel Coordinator **Peter Giannoudis**
Panel: **Cameron Cooke, Chris Morrey, Dhaval Desai, Wael Taha**
4.10pm Post-traumatic defects in open femoral fractures: Panel Coordinator **Michael Schuetz**
Panel: **JP Leung, JK Oh**
4.30pm Post-traumatic defects in open tibial fracture: Panel Coordinator **Kevin Tetsworth**
Panel: **Sameer Aggarwal , Frederic F Diycy and Ismail Hadisoebroto Dilogo**
4.50pm Open Ankle Fractures in elderly patients: Panel Coordinator: **Mandeep Dhillon**
Panel: **Keen Wai Chong**
5.10pm Complex Pelvic Ring Fractures Panel Coordinator: **Vivek Trikha**
Panel: **Chris Morrey, Sameer Aggarwal, Michael Schuetz**
5.25pm Smashed Acetabular Fractures Panel Coordinator: **Chris Morrey**
Panel: **Chris Morrey, Peter Giannoudis**
5.40pm 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 Karaismailoglu & 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 Kwai 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

9.30am - 10.15am **Moderator : Nor Hazla Mohamed Haflah**

9.30am Challenges in Orthopaedics in the Ukrainian War **Munjed Al Muderis**
9.45am My Experience running outreach programs in Indonesia **Lia Marlana**
10.00am 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 IBG - **Bogdan Solomon**
 - 4.56pm Video III: Acetabular IBG - **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 Panellists - **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 Bilsel**
 - 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** **Moderator: Margaret Fok & Kim Latendresse**
- 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: Arrisna 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 Cholawish 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



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 - **Yuhan 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 pertrochanteric 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

FRIDAY - 11 April 2025 Concurrent Session Programs

Spine

Friday - 11 April 2025

8.00am - 10.00am 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 Sivananthan

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 -10.00am 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 Monicit

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 Marliana

8.35am MCL - Asep Santoso

8.45am Multi-ligaments - Jose Antonio San Juan

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

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 Mathon 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 Diyco**
- 9.15am How to get involved with the APOA26 Congress program - **Ram Chaddha**
- 9.25am Discussion
- 9.35am Why is the AO strengthening it 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 Keisuke**
- 4.45pm Pakistan - **Syed Akmal Sultan**
- 4.50pm Discussion
- 5.00pm Korea - **Jong 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 Pertrochanteric 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**



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 APOA26Congress President - Ram Chaddha
- 12.50pm Presentation of Paper Prizes
- 1.00pm Acknowledgement of Sponsors

CONCURRENT SESSIONS

Hip	8am - 12.30pm
Knee	8am - 12.30pm
Oncology	8am - 12.30pm
Spine	8am - 10am 10.30am - 12.30pm
Sports	8am - 10am 10.30am - 12.30pm
Trauma	8am - 10am 10.30am - 12.30pm

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 - **Yuhan Chang**
8.24am Periprosthetic Fracture Management: What is the Update ? - **Amin Chinoy**
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, Yuhan Chang**

Case Presentation

10.00am Complications in THA - **Kyung-Soon Park**
Discussion Panellists: **Fares Haddad, Cheng-Fong Chen, Minjae Lee, Rajeev Sharma, Faith Kucukdurmaz, David Campbell, Yuhan 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, mozaicplasty. **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. **Bintang 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, Bintang 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 severe deformity. **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



SATURDAY - 12 April 2025

Oncology

Saturday - 12 April 2025

8.00am - 8.10am	Lecture: Functioning muscle transfer	Eldon Mah
8.10am - 9.20am	Session 1: Approach to commonly encountered lesions in everyday orthopaedic practice: Tips from the specialists. Case based discussion of lesions seen in common orthopaedic practice Moderator: Manish Agarwal Faculty: Peter Choong, Peter Steadman, Masood Umer, Nor Hazla, Raja Bhaskar, Ali Al Yami	
9.20am - 9.35am	Break	
9.35am - 10.35am	Session 2: Digital technology and AI in Orthopaedic Oncology Moderator: Sohail Hafeez	
9.35am	AI based planning and jig design without engineering help.	Manish Agarwal
9.45am	Using AI based apps for Research.	Raja Bhaskar
9.55am	AI for consultation and patient notes.	Peter Steadman
10.05am	Navigation and Jigs for precision in resection of extremities.	Peter Choong
10.15am	Discussion	
10.35am - 10.50am	Break	
10.50am-12.00pm	Session 3: Pelvic 3D Printed Prosthesis Moderator: Peter Choong	
10.50am	Use of 3D printed prostheses. Things to consider.	Peter Choong
11.00am	A new classification of pelvic resections. Considering pelvic prostheses.	Richard Boyle
11.10am	The place of industry in supporting surgical advancement.	Bethany Oates
11.20am	What are the alternatives.	Toru Akiyama
11.30am	Panel discussion	

Spine

Saturday - 12 April 2025

8.00am - 10.00am	AO Spine Combined Session Moderators: Michael To and Yudha Mathan Sakti	
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.	Froujke Koremans
8.20am	Role of microbiome in chronic low back pain and in predicting one level lumbar microdisectomy.	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 Sakti

SATURDAY - 12 April 2025

Concurrent Session Programs

Sports

Saturday - 12 April 2025

9.00am – 10.00am Patellofemoral Instability

Moderators: Charanjeet Singh

- 9.00am 1st time dislocator - **Đỗ Văn Lợi**
- 9.20am TTO – **Charanjeet Singh**
- 9.40am Discussion

10.30am – 12.15pm Others

Moderators: Parminder Singh and Arvind Puri

- 10.30am The Bakers Cyst. Discussion and Treatment – **Hayden Morris**
- 10.45am Overused injuries of the elbow – **Wen-Yi Chou**
- 11.00am Hip arthroscopy - **Parminder Singh**
- 11.15am Clinical and radiological signs of FAI – **En Rung Chiang**
- 11.30am Updates of hip arthroscopy for labral repair and FAI – **Yi-Sheng Chan**
- 11.45am Achilles tendon tendinopathy to ruptures: Management (conservative to surgical) – **Arvind Puri**
- 12.00pm Haglund’s deformity and its management – **Carlo Borbon**

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 Marliana 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 Diycio**
- 11.15am Plating of Tibial Plafond 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**

APCOA25
Cairns, Australia
9-12 April 2025

**Artificial
Intelligence,
Robotics
and Mixed
Reality**



Scientific
Program 2025