

ORTHOPAEDIC SURGERY

Co-Conveners: Robert Rowan and Fredrick Phillips

Professor Peter Kay

Wigan, UK

Peter Kay is a Consultant Orthopaedic Surgeon based at Wrightington Hospital and Clinical Professor of Orthopaedic Surgery at Manchester University. He has been President of the British Orthopaedic Association (2011), British Hip Society (2008) and British Orthopaedics Trainees Association (1992). He currently serves on the Council of The Royal College of Surgeons of England and Council of the Medical Defence Union and has recently been appointed as the National Clinical Director for Musculoskeletal services for NHS England ("MSK Tsar"). Clinically, he specialises specifically in hip and knee replacement surgery, revision joint replacement surgery for loosening and infection and knee arthroscopy. Managerially he has been Director of Research, Clinical Director, Divisional Chairman for MSK and Associate Medical Director at Wrightington, Wigan and Leigh NHS FT. He has 3 years' experience as a full Trust Board Member up to a successful Foundation Trust application. He is the clinical lead for the Specialist Orthopaedic Hospital Alliance in the UK. He has produced over 900 research publications and presentations (scientific and popular) on orthopaedics and trauma and has presented on topics such as health service management, modernisation and medico-legal aspects of orthopaedics and trauma. He has served on a number of Department of Health Committees nationally including Patient Reported Outcome Measures Steering Group (PROMS), Enhanced Recovery Steering Group (ERP), Fragility Fracture Board, and significantly was the National Clinical Chair of the 18 Week Steering Group for Orthopaedics and MSK for 4 years (2008-2011). He was co-author of the first Musculoskeletal Framework Document from the DH (2008). He currently sits on the NICE Guideline Development Group for Osteoarthritis and chairs the "Beyond Compliance" Steering Committee working to protect patients whilst supporting responsible innovation in orthopaedic implants. He has worked locally, nationally and internationally for safe, effective and equitable musculoskeletal services that are patient centred.

MONDAY 6 MAY

5:00pm - 6:30pm **CONVOCATION CEREMONY AND SYME ORATION (TICKETED EVENT)**
World Ballroom A/B/C

6:30pm - 7:30pm **WELCOME RECEPTION (TICKETED EVENT)**
Pre-function Area (L22)

TUESDAY 7 MAY

8:30am - 10:00am **OPENING PLENARY SESSION**
GENERALISM
World Ballroom A/B/C

10:00am - 10:30am **MORNING TEA - TUESDAY**
Bangkok Convention Centre A2

10:30am - 12noon **ARTHROPLASTY**
Lotus Suite 13
Chairs: **Fredrick Phillips (Wellington) and Robert Rowan (Wellington)**

10:30am Total hip joint replacement, 50 years on from Charnley
Peter Kay (Wigan, UK)

11:10am A review of the short stem exeter hip
OS001 **Vaughan Poutawera (Tauranga)**

- 11:30am Hip resurfacing in 2019
Saesol Shin (Christchurch)
- 11:45am Discussion
- 12:30pm - 1:30pm **LUNCH - TUESDAY**
Bangkok Convention Centre A2
- 2:00pm - 3:30pm **ARTHROPLASTY**
Lotus Suite 13
Chairs: **Kerin Fielding (Wagga Wagga) and Giles Foley (Wellington)**
- 2:00pm Management of the infected joint replacement
Peter Kay (Wigan, UK)
- 2:30pm Femoral impaction grafting in revision total hip arthroplasty - Results from a single New Zealand centre
OS002 Vaughan Poutawera (Tauranga)
- 2:45pm Is single anaesthetic bilateral total hip replacement using cemented femoral components safe and appropriate in specialist arthroplasty centres? A review of four decades experience from Exeter.
OS003 Michael Wyatt (Palmerston North)
- 2:55pm Cases discussaion
Peter Kay (Wigan, UK), Vaughan Poutawera (Tauranga) and Fredrick Phillips (Wellington)
- 3:25pm Discussion
- 3:30pm - 4:00pm **AFTERNOON TEA - TUESDAY**
Bangkok Convention Centre A2
- 4:00pm - 5:30pm **RESEARCH PAPERS**
Lotus Suite 13
Chairs: **Peter Kay (Wigan, UK) and Peter Robertson (Auckland)**
- 4:00pm The fabrication of strontium-doped calcium silicate 3D scaffold for bone regeneration
OS004 Peggy H.P. SUNG (Taichung, Taiwan)
- 4:09pm Predicting low postoperative satisfaction after arthroplasty: pilot study for a clinical score
OS005 Jahan Penny-Dimri (Geelong)
- 4:18pm Chronic Recurrent Multifocal Osteomyelitis of the Hand - A Rare Paediatric Condition
OS006 Yasiru Karunaratne (Darlinghurst)
- 4:27pm Arthroscopic knee surgeries for osteoarthritis in Australia: have we caught up with the evidence?
OS007 Wasim Awal (Labrador)
- 4:36pm A digital support platform for total knee replacement care: an evidence-based approach
OS008 Mohammed Sazzad Hussain (Epping)
- 4:45pm Developing a Surveillance Protocol in Developmental Dysplasia of the Hip - Delphi Consensus and Systematic Review
OS009 Nathaniel Huang (Middle Park)
- 4:54pm No Difference in Clinical Outcomes Between Accelerometer Based, Portable Navigation In

- OS010** Comparison To Conventional Instrumentation In Total Knee Arthroplasty.
Stephen Ali (Sydney)
- 5:03pm Coronal Plane Soft Tissue Balance has Limited Influence on Patient Satisfaction Post Total Knee Arthroplasty.
OS011 **Patrick O'Connor (Brisbane)**
- 5:12pm Orthopaedic Surgeons and Leadership
OS012 **Monica Chen (Adelaide)**
- 5:21pm DIY workflow to utilise 3D printing for acetabular surgery
OS013 **Mariana Rego (Adelaide)**

WEDNESDAY 8 MAY

- 8:30am - 10:00am** **SORTING OUT ACUTE BACK PAIN**
(Combined with: Pain Medicine)
Lotus Suite 8
Chairs: **Chris Hoffman (Wellington) and Andrew Zacest (Adelaide)**
- The initial assessment and triage of Low Back Pain and why this is vital in surgical practice*
- 8:30am Spine Triage - why does it matter?
Hamilton Hall (Toronto, Canada)
- 8:45am Spinal Assessment Clinic - the Adelaide Experience
Andrew Zacest (Adelaide)
- 9:00am A classification of back pain based on clinical presentation
Hamilton Hall (Toronto, Canada)
- 9:40am Discussion
- 10:00am - 10:30am** **MORNING TEA - WEDNESDAY**
Bangkok Convention Centre A2
- 10:30am - 12noon** **PLENARY SESSION**
GLOBAL HEALTH
World Ballroom B
- 12:30pm - 1:30pm** **LUNCH - WEDNESDAY**
Bangkok Convention Centre A2
- 2:00pm - 3:30pm** **CHRONIC SPINAL PAIN - NON-OPERATIVE MANAGEMENT**
(Combined with: Pain Medicine)
Lotus Suite 8
Chair: **Leigh Atkinson (Brisbane)**
- Non-operative strategies - what's working and what isn't*
- 2:00pm The back pain patient with pain disorder in surgical practice
Hamilton Hall (Toronto, Canada)
- 2:30pm Old wounds run deep? Considering childhood in the assessment and treatment of adults
Meredith Craigie (Adelaide)

3:00pm Managing chronic pain in a multi-disciplinary setting
Wei Chung Tong (Auckland)

3:20pm Discussion

3:30pm - 4:00pm AFTERNOON TEA - WEDNESDAY

Bangkok Convention Centre A2

4:00pm - 5:30pm AMPUTATION

(Combined with: Global Health Program, Military Surgery, Pain Medicine, Trauma Surgery)
Lotus Suite 7

Chairs: **Robert Rowan (Wellington) and Nigel Willis (Wellington)**

4:00pm Introduction
Robert Rowan (Wellington)

4:05pm Amputation in the developing world - the problems and the solutions
Ifereimi Waqainabete (Suva, Fiji)

4:20pm Key criteria for limb amputation in civilian multi trauma
Grant Christey (Hamilton)

4:35pm Armed conflict injuries to the extremities
John Swinnen (Sydney)

4:50pm Prevention of pain and post amputation pain management
Marvin Thepsoparn (Bangkok, Thailand)

5:05pm Osteointegration Prosthesis : The New Zealand Experience
John McKie (Christchurch)

5:20pm Closing remarks / questions
Robert Rowan (Wellington)

7:00pm - 10:30pm SECTION DINNER (TICKETED EVENT)

(Combined with: Medico-legal Program, Pain Medicine, Trauma Surgery)

THURSDAY 9 MAY

8:30am - 10:00am HOW TO FIND WHO DOES WELL WITH SPINAL SURGERY

(Combined with: Pain Medicine)

Lotus Suite 8

Chair: **Chris Hoffman (Wellington)**

8:30am Standardising history-taking for Back Pain - an interactive app
Hamilton Hall (Toronto, Canada)

9:00am Role of preoperative psychological screening in spine surgery - preliminary data
Andrew Zacest (Adelaide)

9:20am Outcomes of spinal fusion - Does workers compensation always make a difference?
Peter Robertson (Auckland)

9:40am Discussion

10:00am - 10:30am MORNING TEA - THURSDAY

Bangkok Convention Centre A2

- 10:30am - 12noon** **PLENARY SESSION
DIVERSITY**
World Ballroom B
- 12noon - 12:30pm** **THE PRESIDENT'S LECTURE**
World Ballroom B
- 12:30pm - 1:30pm** **LUNCH - THURSDAY**
Bangkok Convention Centre A2
- 2:00pm - 3:30pm** **HOW DO WE DO BETTER?**
(Combined with: Pain Medicine)
Lotus Suite 8
Chair: **Leigh Atkinson (Brisbane)**
- 2:00pm Why would a good surgeon like you do pain medicine training? - FPM training options
Meredith Craigie (Adelaide)
- 2:20pm #10 year challenge - can we do better?
Wei Chung Tong (Auckland)
- 2:40pm Medicinal cannabis - the next medical miracle or annoying weed?
Meredith Craigie (Adelaide)
- 3:05pm Role of neuromodulation in 'failed back' and Workcover populations
Andrew Zacest (Adelaide)
- 3:15pm Discussion
- 3:30pm - 4:00pm** **AFTERNOON TEA - THURSDAY**
Bangkok Convention Centre A2
- 4:00pm - 5:30pm** **HOW WELL DO WE DO? REPORTING OUTCOMES AND SPINE
REGISTRIES**
(Combined with: Pain Medicine)
Lotus Suite 8
Chair: **Meredith Craigie (Adelaide)**
- 4:00pm Setting up a Spine Registry - Lessons learned
Hamilton Hall (Toronto, Canada)
- 4:20pm Lessons from the Australian experience of setting up a spine registry
Michael Johnson (Melbourne)
- 4:40pm Outcomes of lumbar discectomy in the NZ ACC environment
Chris Hoffman (Wellington)
- 5:05pm A Pain Device Implant Registry - What do we need to do?
Andrew Zacest (Adelaide)
- 5:15pm Discussion

4:00pm - 5:30pm **PELVIC TRAUMA**
(Combined with: Trauma Surgery, Pain Medicine)
Lotus Suite 7
Chairs: **Cino Bendinelli (Sydney) and Jeremy Hsu (Westmead)**

4:00pm Haemorrhage control
Matthew Hope (Brisbane)

4:15pm What is the role of early surgery
Zsolt Balogh (Newcastle)

4:30pm Percutaneous screw fixation technique for pelvic acetabular fractures
Vajara Phiphobmongkol (Hui Khwang)

4:45pm Visceral considerations
Narain Chitrosniramit (Chiangmai, Thailand)

5:00pm Non-union pelvic fracture management
Rahat Jarayabhand (Bangkok, Thailand)

5:15pm Discussion

5:30pm - 6:30pm **RACS ANNUAL GENERAL MEETING**
World Ballroom C

7:00pm - 11:30pm **CONGRESS DINNER (TICKETED EVENT)**
Bangkok Convention Centre B2

FRIDAY 10 MAY

8:30am - 10:00am **REGISTRIES ROUND TABLE**
(Combined with: Quality & Safety / Surgical Directors, Bariatric Surgery, Breast Surgery, Cardiothoracic Surgery, Endocrine Surgery, HPB Surgery)
Lotus Suite 11
Chairs: **James Aitken (Nedlands) and Sally Langley (Christchurch)**

8:30am Designing the Perfect Registry
Amir Ghaferi (Ann Arbor, USA)

8:50am The role of Registries in quality improvement
Hamilton Hall (Toronto, Canada)

9:10am Australasian Breast Device Registry
Elisabeth Elder (Sydney)

9:20am Results from the First Year of the Australian and New Zealand Thyroid Cancer Clinical Quality Registry
QA003 **Jonathan Serpell (Melbourne)**

9:30am The UGI view: ANZGOSA and the Cancer Registry
Andrew MacCormick (Auckland)

9:40am Discussion

10:00am - 10:30am **MORNING TEA - FRIDAY**
Bangkok Convention Centre A2

POSTER ABSTRACTS

These posters may be viewed on the screens in the Exhibition area. The posters will also be available on the Virtual Congress

- OS022P** Tarsal Tunnel Syndrome in the Mucopolysaccharidoses: case series and literature review
Jake Willet (West Hindmarsh)
- OS018P** Generation of a 3D-printed multiphasic scaffold for scapholunate ligament reconstruction
Hayman LUI (Southport)
- Gender and Age Based Differences in Behavioural Patterns Following Anterior Cruciate Ligament Injury
Aneesh Dave (Sydney)
- OS025P** What factors influence delayed referral to Spinal Surgeon in Adolescent Idiopathic Scoliosis?
Peter KENNER (Gwelup)
- OS020P** Is newer better: Investigating use of 3D printed models in complex orthopaedic hip surgery
Michael JIANG (Heidelberg)
- OS024P** The use of concomitant anticoagulants when using Clostridial Collagenase Histolyticum in the treatment of Dupuytren's Disease.
Jessica Paynter (Nyah)
- OS019P** How to Avoid Posterior Interosseous Nerve Injury During Single-Incision Distal Biceps Repair Drilling
David Becker
- Loose screw causing dysphagia without oesophageal perforation 14 years after ACDF
Andrew Tompkins (West Perth)
- OS017P** Electronic Data Collection and its Clinical Implications
Jake Willet (West Hindmarsh)
- OS015P** Complete axillary artery transection without an expansatile mass
Sascha Reimann (Woolloongabba)
- OS023P** The Incidence of Venous Thromboembolism (VTE) Postoperatively in Patients Undergoing Total Hip and Knee Arthroplasty (THA & TKA) that Used Aspirin as Thromboprophylaxis: A Single Centre, Retrospective Analysis
Josh KARPES (Bondi)
- OS016P** Delay to surgery for paediatric ACL injuries- is there an increase in meniscal tears?
Nushin Ahmed (Lindfield)
- OS014P** Bilateral Recurrent Laryngeal Nerve Palsy Following Anterior Cervical Surgery on the Background of Apical Lung Radiotherapy
Timothy Woodacre (Leederville)
- OS021P** Prevalence and management of the rare brachial plexus malignant peripheral nerve sheath tumour (MPNST)
Warren Fayers (Brisbane)