

provisional program



73RD ANNUAL SCIENTIFIC MEETING – DARWIN 2013

6–9 October 2013
Darwin Convention Centre, Darwin



AOA
AUSTRALIAN
ORTHOPAEDIC
ASSOCIATION

session 1 8.00am–10.00am

| Room TBA | Room TBA | Room TBA |
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| arthroplasty – hips Chairman – Andrew Shimmin | general Chairman – Ian Harris | hip reconstruction Chairman – Allan Wang |
| 8.00am ICL Assessment and treatment of unstable THR. Bill Maloney | 8.00am ICL Beyond staph: What gets into joints and bones in the Top End. Bart Currie | 8.00am ICL Periacetabular osteotomy: An update on surgical indications and technique. Donald Howie |
| 8.20am Functional comparison between the anterior and posterior approach in a total hip replacement. Results at five years follow-up. Lawrence Kohan | 8.20am Managing musculoskeletal infections in tropical Australia. Julia Shkolnikova | 8.15am Periacetabular osteotomy by a low volume surgeon – results and risk factors for failure. Donald Howie |
| 8.27am Direct anterior approach using navigation improves the accuracy of acetabular cup position compared to conventional posterior approach. Jason Chow | 8.30am The unique orthopaedic experience of neisseria gonorrhoea joint infections in the Northern Territory. Oscar Brumby-Rendell | 8.25am A systematic review of the diagnostic performance of orthopaedic physical examination tests of the hip. Labib Rahman |
| 8.34am A prospective study comparing short term results of direct anterior hip replacement surgery with the posterior approach. Arash Nabavi | 8.40am Bacterial biofilms on orthopaedic tourniquets: Are we underestimating the risk of cross-patient transmission? David Bradshaw | 8.35am Comparison of T2 mapping, dgemric and proton density MRI as imaging modalities to detect chondral lesions of the hip. Sarah Martinez Martos |
| 8.41am Anterior hip replacement – my first fifty cases gaining expertise, not yet an expert. Bassam Hasn | 8.50am Bacterial floral growth and antibiotic sensitivity patterns in wound tissue cultures in open fractures in adults admitted to the Philippine General Hospital: A retrospective cross sectional study. Angelo Leaño | 8.45am The accuracy of magnetic resonance imaging for diagnosing hip pathology compared to arthroscopy. Lucas Annabell |
| 8.48am Early postoperative outcomes in displaced intracapsular proximal femoral fractures treated with hemiarthroplasty. A retrospective comparison of surgical approaches. Daniel Rahme | 9.00am Benefits of surgeon leadership in theatre utilisation efficiency. David Ramsay | 8.55am ICL Epidemiology diagnosis and treatment of gluteal tendonopathy. Michael Walsh |
| 8.55am Q&A | | |

session 1 8.00am–10.00am

| Room TBA | Room TBA | Room TBA |
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| arthroplasty – hips Chairman – Andrew Shimmin | general Chairman – Ian Harris | hip reconstruction Chairman – Allan Wang |
| 9.10am The accuracy of patient positioning prior to total hip arthroplasty and the influence of body mass index. Anton Lambers | 9.10am Implementation of a multidisciplinary fragility fracture unit at a tertiary hospital: A review of performance and outcomes. Shi-Neng Ling | 9.10am Autologous tenocyte implantation for gluteal tendinopathy: A prospective pilot study. Thomas Bucher |
| 9.20am The transverse acetabular ligament: Does age affect its relationship with the acetabulum? Claire Bolton | 9.20am Bisphosphonate-related atypical femoral fractures: a review of cases. Shi-Neng Ling | 9.20am Bridging the gap: Treating gluteus medius deficiency with proximal transfer of vastus lateralis. Stacey Cole |
| 9.27am Is the transacetabular ligament a reliable landmark for cup orientation? Ed Marel | 9.30am The geriatric hip fracture incidence in Tasmania during 2007–2012, with comparison to Victoria. Yangyang Liu | 9.30am Proximal hamstring tendon repair using table staples. Simon Zilko |
| 9.34am Q&A | | |
| 9.40am Pelvic tilt in the standing, supine and sitting positions. Len Walter | 9.40am Squeaking following third generation ceramic on ceramic total hip arthroplasty. Rehan Ulhaq | 9.40am The role of adductor tenotomy in the treatment of athletic groin pain. Anthony Nguyen |
| 9.50am Standing or supine x-rays after total hip replacement. John Au | 9.50am The bottom line in morbid obesity and total hip arthroplasty. Salman Kazemian Marvi | 9.50am Perioperative patient blood management. Daryl Teague |
| 10.00am–10.30am Morning tea | | |

session 2 10.30am–12.30pm

| Room TBA |
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| 10.30am–12.30pm OPENING CEREMONY |
| 12.30pm–1.30pm Lunch |

session 3 1.30pm–3.00pm

| Room TBA | Room TBA | Room TBA | Room TBA |
|---|---|--|---|
| arthroplasty – knee Chairman – Peter Lewis | medico-legal Chairman – John Harrison | paediatrics Chairman – Michael Bellemore | foot and ankle Chairman – Linda Ferris |
| 1.30pm ICL Algorithm for approach to TKR in the valgus knee. Bill Maloney | 1.30pm The truth and MRI scans may both travel in reverse. Peter Giblin | 1.30pm ICL Treatment of acetabular dysplasia in the adolescent and young adult: Analysis, surgical techniques, and results. Mike Millis | 1.30pm Radiofrequency ablation in the management of Morton's neuroma. David Brooks |
| 1.50pm The outcome of computer navigation for primary knee replacement. Richard De Steiger | 2.00pm Needles. Ian Harris | 1.55pm Late diagnosed developmental dysplasia of the hip in Western Australia: A linked data system analysis 1980–2010. Nicholas Frost | 1.37pm Lateral ligament augmentation versus modified Brostrom-Gould for lateral ankle instability: A prospective randomized controlled trial. Mark Porter |
| 2.00pm Alignment and component position in patient-specific total knee arthroplasty: A prospective comparative study using Perth CT protocol. Sunil Putalapattu | 2.30pm NDIS. Gary Speck | 2.00pm Paediatric fracture management for rural and remote communities using Telehealth, a continuing cost effective service. John North | 1.44pm Assessment and management of posterior ankle pain in elite vocational classical ballet dancers. Rachele Qusted |
| 2.07pm A comparison of alignment using the Zimmer patient specific instruments, computer navigation and conventional instrumentation in total knee arthroplasty. Samuel MacDessi | | 2.05pm Comparison of the mini-c arm vs conventional image intensifier for paediatric fracture manipulation. Tom Gieroba | 1.51pm Q&A |
| 2.14pm A prospective randomised trial comparing the alignment of instrumented and patient specific instrumented total knee replacement Thomas Bucher | | 2.10pm Q&A | 2.00pm The Calcaneo-Talar ratio. Rafik Asaid |
| 2.21pm Q&A | | 2.20pm Rupture of the extensor pollicis longus tendon following flexible nailing of forearm fractures in children. Ben Brooker | 2.07pm Clinical outcomes of the operative management of displaced intra-articular fractures of the calcaneum in a regional centre. Matthew Davis |
| 2.35pm Intra-operative computer navigation measurements of total knee arthroplasty (TKA) component and limb alignment do not match post-operative computed tomography (CT) measurements in all cases. Ziad Dahabreh | | 2.25pm Metal ion release following spinal instrumentation – when are the ions released? William Cundy | 2.14pm Q&A |
| | | 2.30pm Q&A | 2.19pm Consecutive case series of tibiotalar ankle arthrodesis with a single design of compressive retrograde intramedullary nail. Michael Lutz |

session 3 1.30pm–3.00pm

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| arthroplasty – knee Chairman – Peter Lewis | medico-legal Chairman – John Harrison | paediatrics Chairman – Michael Bellemore | foot and ankle Chairman – Linda Ferris |
| 2.42pm Improved positioning of the tibial component in unicompartmental knee arthroplasty with patient specific cutting blocks. Nader Helmy | Continues | 2.40pm ICL Scoliosis update. Kenneth Cheung | 2.26pm Assessment of periprosthetic radiolucent cysts post total ankle joint replacement. Vikram David |
| 2.49pm Q&A | | | 2.33pm Q&A |
| | | | 2.40pm ICL Operative and nonoperative management of Achilles tendon injuries. Linda Ferris |
| | | | 2.55pm Q&A General |
| 3.00pm–3.30pm Afternoon tea | | | |

session 4 3.30pm–5.00pm

| Room TBA | Room TBA | Room TBA | Room TBA |
|---|--|--|---|
| arthroplasty – hips Chairman – Donald Howie | medico legal Chairman – John Harrison | paediatrics Chairman – Peter Cundy | gold sponsor masterclass Medacta |
| 3.30pm Ceramic on ceramic total hip arthroplasty squeak: An estimation of the incidence of squeak and revision surgery for squeak. David Owen | 3.30pm Other side. Peter Giblin | 3.30pm Slipped capital femoral epiphysis: evolving epidemiology in Top End. Viral Shah | 3.30pm “When innovation and education combine” • AMIS® – M.O.R.E than just ‘DAA’. • Patient matched technology – meeting expectations. Dr Michael Solomon and Dr Arash Nabavi |
| 3.40pm An investigation into the dynamic loading of ceramic-on-ceramic total hip replacements and its relevance to squeaking. Andrew Shimmin | 4.00pm Emerging threats to independent medicine. Stephen Milgate | 3.35pm Biomechanics of slipped capital femoral epiphysis: Evaluation of the posterior slip angle and prophylactic fixation. Jeremy Bellemore | |

session 4 3.30pm–5.00pm

| Room TBA | Room TBA | Room TBA | Room TBA |
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| arthroplasty – hips Chairman – Donald Howie | medico legal Chairman – John Harrison | paediatrics Chairman – Peter Cundy | gold sponsor masterclass Medacta |
| <p>3.50pm Wear of large metal on highly cross-linked polyethylene articulations. Stuart Callary</p> | Continues | <p>3.40pm Subcapital re-alignment (modified Dunn) procedure via surgical hip dislocation for severe SCFE with intra-operative monitoring of femoral head perfusion and post-operative bone scan: 66 consecutive cases. Oliver Birke</p> | Continues |
| <p>3.57pm Osteolysis and wear of 36 and 28 mm highly cross-linked polyethylene liners. Donald Howie</p> | | <p>3.45pm Q&A</p> <p>3.55pm ICL SCFE Update 2013: Underappreciated aspects of a common problem. Mike Millis</p> | |
| <p>4.04pm Q&A</p> <p>4.10pm The effect of titanium niobium nitride ceramic surface on hip resurfacing wear: a randomised prospective controlled study. Aso Mohammed</p> | | <p>4.20pm Results of paediatric proximal femoral osteotomy using the hip locking compression plate. John Estens</p> | |
| <p>4.20pm Early results of collarless, neck preserving, meta-diaphyseal fixed, Bicoat Corin Minihip™ short femoral stem prosthesis. Kar Teoh</p> | | <p>4.25pm A case report of identical twins with identical Blount's disease. Steve Marchallick</p> | |
| <p>4.30pm Prospective consecutive series assessing femoral neck bone remodelling after MSA neck sparing femoral stem arthroplasty – higher than expected early revision rate. Chris Haw</p> | | <p>4.30pm Q&A</p> <p>4.40pm Measurement of rotational deformity: Using a smartphone app is more accurate than conventional methods. Stephen Butler</p> | |
| <p>4.40pm ICL Dilemmas in Primary THR case based panel discussion. Dermot Collopy</p> | | <p>4.45pm Patterns of recurrence after Ponseti treatment for club feet. Minoo Patel</p> | |
| | | <p>4.50pm Q&A</p> | |
| 5.00pm End of day | | | |

session 1 8.00am–10.00am

| Room TBA | Room TBA | Room TBA | Room TBA |
|--|--|--|--|
| arthroplasty – knee Chairman – Bernie Einoder | general Chairman – Ian Harris | shoulder and elbow Chairman – Greg Hoy | spine Chairman – Richard Williams |
| <p>8.00am ICL Management of the stiff TKR. Bill Maloney</p> | <p>8.00am Burnout prevalence and factors associated with burnout among Australian orthopaedic trainees: A nationwide cross-sectional study. Ian Harris</p> | <p>8.00am ICL Rotator cuff pathology and pain; implementing the PaROT trial. Andy Carr</p> | <p>8.00am Epithelioid angiosarcoma of the lumbar spine and sigmoid colon, in the setting of a pre-existing vertebral body haemangioma. Rachel Blackshaw</p> |
| <p>8.20am Landmarks for resection depth of the distal femur in total knee arthroplasty. Sarah Martinez Martos</p> | <p>8.10am Australian orthopaedic surgeons are highly satisfied with their careers: Results from a nationwide cross-sectional study. Ian Harris</p> | <p>8.30am Exploration of the humeral insertion of the supraspinatus and infraspinatus tendons. William Lumsdaine</p> | <p>8.10am Mid-term effectiveness of anterior decompression and fusion with nano-hydroxyapatite/polyamide-66 cage in patients with cervical spondylotic myelopathy. Yang Xi</p> |
| <p>8.30am Prospective randomised trial assessing effects of asymmetric flexion and extension gaps on total knee arthroplasty. Matt Hofmann</p> | <p>8.20am ICL Managing stress optimises surgical performance. Jason Frank</p> | <p>8.40am The assessment of teres minor in massive rotator cuff tears. Anuruthran Ambikaipalan</p> | <p>8.20am Spinal manifestations of tuberculosis at a tertiary spine centre in Sydney, Australia. Akshay Kamra</p> |
| <p>8.40am The correlation between preoperative flexion contracture and intraoperative extension-flexion gap in total knee arthroplasty. Hidetaka Higashi</p> | <p>8.35am Factors affecting patient satisfaction in an orthopaedic outpatient clinic. Rebekah Hoffman</p> | <p>8.50am The effect of surgical approach on the occurrence of reoperation after rotator cuff repair. David Gill</p> | <p>8.30am Non-surgical interventions for the management of type 2 odontoid fractures – a systematic review. David Sime</p> |
| <p>8.50am A precise gap making system in total knee arthroplasty. Ryutaku Kaneyama</p> | <p>8.45am Patient reported outcome measures (PROMs) in outpatients – selection, implementation and technology. Amy Gibbens</p> | <p>9.00am Biomechanical evaluation of a novel suture anchor for rotator cuff repair. Andrew Morris</p> | <p>8.40am ICL Current concepts in deformity surgery. Kenneth Cheung</p> |
| <p>9.00am Fluoroscopic motion assessment of a medially conforming total knee replacement design. Sarah Martinez Martos</p> | <p>8.55am The POPART Project: Utilising social media to improve patient education, outcomes and experience. Amy Gibbens</p> | <p>9.10am ICL Choosing a shoulder implant. Richard Page</p> | <p>9.10am ICL Strategy in spinal tumour surgery. Richard Williams</p> |

session 1 8.00am–10.00am

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| arthroplasty – knee Chairman – Bernie Einoder | general Chairman – Ian Harris | shoulder and elbow Chairman – Greg Hoy | spine Chairman – Richard Williams |
| <p>9.10am Early results of a domed tibia, mobile bearing lateral unicompartmental knee arthroplasty from an independent centre. Altuntas Altay</p> | <p>9.05am ICL Managing ethics committees – keys for success. Ian Harris</p> | <p>9.20am A new dynamic mechanical testing technique for reverse shoulder implants. Danè Dabirrahmani</p> | <p>9.30am The use of radiostereometric analysis (RSA) in spine. Ali Humadi</p> |
| <p>9.20am Measuring the influence of patient selection on UKA revision rates. Neville Rowden</p> | <p>9.20am The problem with evidence-based orthopaedics: The importance of surveillance for followup papers on landmark articles. C Dave</p> | <p>9.30am A new method for measuring glenoid version on standard magnetic resonance imaging. Richard Page</p> | <p>9.40am Cervical spinal cord injury: Who is at risk? Nathan Myhill</p> |
| <p>9.30am Knee pain during the first three months after unilateral total knee arthroplasty. A multi-centre prospective cohort study. Conrad Morze</p> | <p>9.30am The association between quality and effect estimate in surgical randomised trials. Ian Harris</p> | <p>9.40am Single dose interscalene brachial plexus blockade does not influence patient sedation following elective shoulder surgery. David Moa</p> | <p>9.50am Treatment of lumbar spinal stenosis with x-stop dynamic decompression. Yuk Kai Lee</p> |
| <p>9.40am Short term outcomes of local infiltration analgesia in total knee arthroplasty: A randomised controlled trial. Anna Watson</p> | <p>9.40am Ethical double standards: research and clinical practice. Ian Harris</p> | <p>9.50am Readability of upper limb outcome scores. Jennifer Flynn</p> | |
| <p>9.50am A prospective randomized controlled trial comparing standard rehabilitation versus routine rehabilitation using the Nintendo Wii-Fit® following total knee replacement in patients who have undergone a primary total knee replacement. Jonathan Negus</p> | <p>9.50am Expertise: philosophy, practise and politics. Guy Marquis</p> | | |
| <p>10.00am–10.30am Morning tea</p> | | | |

session 2 10.30am–12.30pm

| Room TBA | Room TBA | Room TBA | Room TBA |
|---|---|---|---|
| arthroplasty Chairman – Ed Marek | general Chairman – Allan Wang Co-Chairman – Richard Lander (NZ President) | shoulder and elbow Chairman – Greg Hoy | trauma – hip/pelvis Chairmen – Mellick Chehade/ Lucian Bogdan Solomon/Jong-Keon Oh |
| 10.30am ICL DVT prophylaxis and the law where do we stand now. Ross Crawford | 10.30am Platelet rich plasma is beneficial for bone healing in older age sheep. Angad Malhotra | INSTABILITY 10.30am Outcomes of arthroscopic ‘remplissage’: capsulotenodesis of the engaging Hill-Sachs lesion. Daniel Biggs | 10.30am Patient preferences regarding hip fracture surgery. Abhinav Aggarwal |
| 10.50am Survival rates and causes of revision in cemented primary total knee replacement. A report from the Norwegian Arthroplasty Register 1994–2009. Oystein Gothesen | 10.40am Chondrogenesis of infrapatellar fat pad derived stem cells on acellular dermal matrix. Ken Ye | 10.40am The ‘Down-under’ lesion: a subtype of labral lesion in shoulder instability. Epidemiology and two year follow up. Richard Page | 10.37am Transfusion rates for proximal femoral fractures in fragility fracture patients: The relationship between pre operative haemoglobin level, fracture type and surgical implant. Nikki Casey |
| 11.00am Functional outcome and alignment in computer assisted and conventionally operated total knee replacements. A multi-centre parallel-group randomised controlled trial. Oystein Gothesen | 10.50am Structural predictors of cartilage loss in the knee over ten years: Is genetic heritability a factor? Andrew McBride | 10.50am PANEL DISCUSSION Arthroscopic reconstruction is now the treatment of choice. Greg Hoy (Moderator) Richard Page, Des Bokor, David Duckworth | 10.44am Pain and functional outcomes of trochanteric hip fractures – results from a remote hip fracture clinic. Mellick Chehade |
| 11.10am ACORN: the Arthroplasty Clinical Outcomes Registry, NSW – what is it and why do we need it? Ian Harris | 11.00am ICL Autologous cell therapy for cartilage and tendon repair in human. Ming Hao Zheng | 11.10am Polydioxansulfate (PDS) cerclage technique for the treatment of acromioclavicular joint dislocations: Medium to long-term follow up. Alia Mahmood | 10.51am Q&A |
| 11.20am Arthroplasty for fractured neck of femur. Richard De Steiger | 11.15am ORTHOBIOLOGICS SYMPOSIUM The potential for stemcells or other cell base therapies in the context of shoulder and other soft tissue surgery. Andy Carr Biomolecules to promote bone and cartilage regeneration; clinical experience and potential for future treatments. Scott Boden Chondral grafting in the knee – current techniques and clinical outcomes. Tim Briggs | 11.20am Percutaneous image guided Acromio-Clavicular joint stabilisation using a button post and a self locking coracoclavicular loop (Toggleloc and Ziploop). Minoo Patel | 10.56am Randomized controlled trial; proximal femoral nail vs reverse distal femoral locking plate for intertrochanteric fractures with compromised lateral wall. Rehan UI Haq |
| | | | 11.03am Results of anterior muscle pedicle bone grafting for late presenting displaced fracture neck femur in young adults. Rehan UI Haq |

session 2 10.30am-12.30pm

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| arthroplasty Chairman – Ed Marel | general Chairman – Allan Wang Co-Chairman – Richard Lander (NZ President) | shoulder and elbow Chairman – Greg Hoy | trauma – hip/pelvis Chairmen – Mellick Chehade, Lucian Bogdan Solomon, Jong-Keon Oh |
| <p>11.30am Outcomes of knee arthroplasty. Stephen Graves</p> | Continues | <p>ELBOWS</p> | <p>11.10am Three screw femoral neck fracture fixation: Optimising screw placement. Karim Kantar</p> |
| <p>11.45am Outcomes of hip arthroplasty. Richard De Steiger</p> | | <p>11.30am ICL Radial head fractures; an algorithm of care. David Duckworth</p> | <p>11.17am Q&A</p> |
| <p>12.00pm Q&A</p> | | <p>11.40am Clinical outcomes of 33 cases of symptomatic malunited or nonunited Mason II radial head fractures treated with radial head osteotomy and internal fixation. Tristan Rappo</p> | <p>11.22am ICL Failure mechanisms in NOFs. Jong-Keon Oh</p> |
| <p>12.15pm Outcomes of shoulder arthroplasty. Richard Page</p> | | <p>11.50am Posterolateral elbow impingement – clinical diagnosis and pathogenesis. James Gardiner</p> | <p>11.37am In-hospital mortality rates after a cemented femoral component for displaced neck of femur fractures. Ross Crawford</p> |
| <p>12.25pm Q&A</p> | | <p>12.00pm The long term outcome of distal humeral fractures treated with distal humeral hemiarthroplasty (DHH). Geoffrey Smith</p> | <p>11.44am Subtrochanteric fractures: Cerclage wire of fixation survival or vascular death? Brett Moreira</p> |
| | | <p>12.10pm A simple safe and reliable surgical landmark for medial epicondylectomy. Geoffrey Smith</p> | <p>11.51am Can radiostereometric analysis, gait analysis and activity monitoring help redefine rehabilitation protocols after intra-articular lower limb trauma? Lucian Bogdan Solomon</p> |
| | | <p>12.20pm <TBA> <TBA></p> | <p>11.58am Q&A</p> <p>12.03pm ICL Acetabular fractures – fix or replace. Keith Mayo</p> |

session 2 10.30am–12.30pm

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| arthroplasty Chairman – Ed Marel | general Chairman – Allan Wang Co-Chairman – Richard Lander (NZ President) | shoulder and elbow Chairman – Greg Hoy | trauma – hip/pelvis Chairmen – Mellick Chehade, Lucian Bogdan Solomon, Jong-Keon Oh |
| Continues | Continues | Continues | 12.18pm Early results of acute THA for osteoporotic acetabular fractures. Lucian Bogdan Solomon |
| 12.25pm Q&A | | | |
| 12.30pm–1.30pm Lunch | | | |

session 3 1.30pm–3.00pm

| Room TBA |
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| plenary Chairman – Allan Wang |
| 1.30pm Surgical skills training – what does the future hold ? Carol Anne Moulton |
| 1.45pm Current and future orthopaedic training, the US perspective. John Tongue |
| 2.00pm Non technical competencies – do they impact on surgical outcome ? Jason Frank |
| 2.15pm Audit and research activity – “Advance Orthopaedics Fair” Andy Carr |
| 2.30pm Expertise – will we all become superspecialists? Michael Hollands |
| 2.45pm Q&A |
| 3.00pm–3.30pm Afternoon tea |

session 4 3.30pm–5.00pm

Room TBA

3.30pm–5.00pm ANNUAL GENERAL MEETING/ MEMBERS' FORUM

5.00pm End of day

session 1 8.00am-10.00am

| Room TBA | Room TBA | Room TBA | Room TBA |
|---|--|---|---|
| <p>arthroplasty – general Chairman – Bill Walter Jr</p> | <p>sports knee Chairman – Greg Witherow</p> | <p>trauma – general Chairmen – Ian Harris, Marinis Pirpiris, Sean Nork</p> | <p>masterclass DePuy Synthes</p> |
| <p>8.00am ICL Taperosis: Definition, diagnosis and treatment. Bill Maloney</p> | <p>8.00am Welcome. Greg Witherow</p> | <p>8.00am Can larger cemented femoral components reduce periprosthetic fractures. Ross Crawford</p> | <p>8.00am The ATTUNE Knee System Dr Mark Heldreth</p> |
| <p>8.20am Use of tranexamic acid in total knee arthroplasty: A meta analysis. Mazyar Irani</p> | <p>8.05am ICL ACL swings of the pendulum. Bruce Reider</p> | <p>8.07am Neutrophil oxidative burst capacity for peri-operative immune monitoring in trauma patients. William Lumsdaine</p> | |
| <p>8.27am Results after one year of experience using tranexamic acid for total knee arthroplasty. Blaise Wardle</p> | <p>8.30am A two year retrospective review of 110 patients with Lars133 / hamstrings hybrid double tunnel ACL reconstruction. Travis Falconer</p> | <p>8.14am CROSSBAT: Lessons learned and recommendations for multicentre research in Australia. Ian Harris</p> | |
| <p>8.34am Randomised controlled trial comparing use of foot pumps vs. calf compressors following total knee replacement. David Bradshaw</p> | <p>8.40am Single bundle ACL reconstruction is able to control the pivot shift: Computer navigation study. Mark Porter</p> | <p>8.21am Is postoperative blood transfusion a risk factor for subsequent infection in orthopaedic trauma patients following femoral shaft fractures? Cameron Gosling</p> | |
| <p>8.41am ICL Thromboprophylaxis in total knee arthroplasty- the South African perspective. Johannes de Vos</p> | <p>8.50am Remnant-preserving double-bundle anterior cruciate reconstruction: Clinical and MRI evaluation after two years. Travis Falconer</p> | <p>8.28am Q&A</p> <p>8.36am ICL Salvage or amputate. Marinis Pirpiris</p> | |
| <p>9.00am Skin closure in primary total hip arthroplasty at The Northern Hospital. Samuel Brewsher</p> | <p>9.00am ICL My current ACL reconstruction and why. Peter Annear</p> | <p>8.51am Limb reconstruction – art or assembly line? Anil Dhal</p> | |

session 1 8.00am–10.00am

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|--|--|--|-------------------------------------|
| arthroplasty – general Chairman – Bill Walter Jr | sports knee Chairman – Greg Witherow | trauma – general Chairmen – Ian Harris, Marinis Pirpiris, Sean Nork | masterclass DePuy Synthes |
| <p>9.10am Space suits – an unrecognised source of infection? Praveen Vijaysegaran</p> | <p>9.30am Overview of the AOA National Joint Replacement Registry – ACL Registry pilot study. Christina Lekkas</p> | <p>8.58am Salvage of limbs with complex orthopaedic and vascular trauma. Anil Dhal</p> | Continues |
| <p>9.20am Arthroplasty surveillance: Are radiology reports useful? Shyam Rajagopalan</p> | <p>9.40am ICL ACL reconstruction in the skeletally immature. Christopher Kaeding</p> | <p>9.05am I wonder what happened to those patients? Life outcomes after major limb trauma. Michael Wren</p> | |
| <p>9.30am Archway metal detectors and joint replacements – an Australian perspective. Milford McArthur</p> | | <p>9.12am Q&A 9.18am ICL Periarticular fractures – advances in management. Sean Nork</p> | |
| <p>9.40am Monitoring knee or hip osteoarthritis. the problem of measurement error in patient-reported and physical performance tools. Justine Naylor</p> | | <p>9.33am Patterns of injury and morbidity associated with ladder, roof and scaffolding falls in patients over fifty years of age. Diana Kennedy</p> | |
| <p>9.50am Validation of a novel CAD model based radiostereometric analysis technique. Mark Gillies</p> | | <p>9.40am Critical analysis of various classification systems used for assessment of open fractures. Rehan UI Haq</p> | |
| | | <p>9.47am An inter-observer reliability study of a new classification scheme for open fractures. Abhijeet Ghosha</p> | |
| | | <p>9.54am Q&A</p> | |
| 10.00am–10.30am Morning tea | | | |

session 2 10.30am–12.30pm

| Room TBA | Room TBA | Room TBA | Room TBA |
|---|--|---|---|
| arthroplasty – hip/knee Chairman – Dermot Collopy | sports knee Chairman – Greg Witherow | trauma – basic/ biomechanics/upper limb Chairmen – Michael Schuetz, Mellick Chehade, Keith Mayo | masterclass Surgical Specialties |
| <p>10.30am Locking compression screws improve acetabular cup fixation – a biomechanical study. Lachlan Milne</p> | <p>10.30am ICL ACL injury mechanism and prevention. Timothy Hewett</p> | <p>10.30am ICL Mechanics of fracture healing? Mellick Chehade</p> | <p>10.30am Biomechanical considerations in total knee replacement: Where have we gone, where are we going and when will we get there? William Walsh <i>Professor and Director, Sydney Orthopaedic and Research Laboratories</i></p> |
| <p>10.40am Gluteal tendon reconstruction for failed primary repair or ‘bald’ trochanter. Michael Walsh</p> | <p>11.00am 15-year follow-up of a randomised comparison of patellar tendon and hamstring tendon anterior cruciate ligament reconstruction. Julian Feller</p> | <p>10.45am Development of an invitro model for subtrochanteric femur fractures in rats. Daniel Goldbloom</p> | |
| <p>10.50am Cobalt and chromium ion levels in arthroplasty patients. What are the levels, and where are they distributed? Lawrence Kohan</p> | <p>11.10am The relationship between posterior tibial slope and further ACL injury in the ACL reconstructed patient. Justin Roe</p> | <p>10.52am Mechanical testing of locked plate fracture fixation constructs: Limitations of previous methodologies. Caroline Grant</p> | |
| <p>11.00am Metal ion levels post primary unilateral exeter total hip arthroplasty. Praveen Vijaysegaran</p> | <p>11.20am Comparison between two methods for arthroscopic reattachment of avulsion of the tibial spine (ACL) in children and adolescents. Minoo Patel</p> | <p>10.59am Role of mechanical stability in metaphyseal fracture healing in mice. Lidia Koval</p> | |
| <p>11.10am Metal ion levels in arthroplasty: A comparison of resurfacing hip and total knee prostheses. Sam Young</p> | <p>11.30am The effect of graft width and femoral intercondylar notch size on post operative knee extension after anterior cruciate ligament reconstruction. Ben Levy</p> | <p>11.06am Can the healing of bone fractures in small animal model be accelerated by inverse dynamization? Nicole Loechel</p> | |
| <p>11.20am Variations in the trunnion surface topography between different commercially available hip replacement stems. Selin Munir</p> | <p>11.40am Femoral tunnel widening after single bundle anterior cruciate ligament reconstruction: A comparison between transtibial and antero-medial portal techniques. Nathan White</p> | <p>11.13am Effect of mechanical environment on the BMP-2 dose response of large segmental defect healing. Vaida Glatt</p> | |
| | | <p>11.20am Q&A</p> | |

session 2 10.30am–12.30pm

| Room TBA | Room TBA | Room TBA | Room TBA |
|---|---|--|--|
| arthroplasty – hip/knee Chairman – Dermot Collopy | sports knee Chairman – Greg Witherow | trauma – basic/ biomechanics/upper limb Chairmen – Michael Schuetz, Mellick Chehade, Keith Mayo | masterclass Surgical Specialties |
| <p>11.30am CR and PS monoblock trabecular metal tibial tibial components vs cemented nexgen implants in TKA. a 5-year RSA study. Kjell Nilsson</p> | <p>11.50am Return to sport outcomes after revision anterior cruciate ligament reconstruction. Julian Feller</p> | <p>11.30am ICL Assessment and management of fractures around elbow. Jong-Keon Oh</p> | Continues |
| <p>11.40am Stable fixation of hydroxyapatite-coated tibial components in an international radiostereometric analysis study. Dermot Collopy</p> | <p>12.00pm ICL ACL outcomes, graft choice and return to play. Christopher Kaeding</p> | <p>11.45am Stable fixation and early mobilisation for distal radius fractures. Minoo Patel</p> | |
| <p>11.50am Ten-year comparison of oxidized zirconium and cobalt-chromium femoral components in total knee arthroplasty. A randomized controlled trial. Justin Roe</p> | | <p>11.52am Prediction of re-displacement after gamp of distal radius fracture: A retrospective study. David Dyer</p> | |
| <p>12.00pm The trabecular metal tibia in elderly osteoporotic individuals with 3 to 10 year follow up. Aso Mohammed</p> | | <p>11.59pm Percutaneous anterior humeral plating – ‘the best of both worlds’? David Miller</p> | |
| <p>12.10pm ICL Dilemmas in primary TKR case based panel discussion. Dermot Collopy/Panel</p> | | <p>12.06pm Effect of homogeneous versus heterogeneous circumferential repairs on flexor tendon strength in cadavers. Umair Ansari</p> | |
| | | <p>12.13pm Chronic anterior monteggia injuries in adults treated by ulnar osteotomy and annular ligament reconstruction. Kuzma Jerzy</p> | |
| | | <p>12.23pm Q&A</p> | |
| 12.30pm–1.30pm Lunch | | | |

session 3 1.30pm–3.00pm

| Room TBA | Room TBA | Room TBA | Room TBA |
|---|--|---|---|
| arthroplasty – revision hip/knee Chairman – Richard De Steiger | sports knee Chairman – Greg Witherow | trauma – ao seminar Chairman – Marinis Pirpiris | tumour Chairman – Peter Steadman |
| 1.30pm Functional outcome of revision total knee arthroplasty following failed unicompartmental knee arthroplasty. Chris Ironside | 1.30pm ICL Planning a research paper. Bruce Reider | CHALLENGES IN FRACTURE MANAGEMENT – PART 1 1.30pm Pelvic ring fractures – case studies – consensus, tips, tricks and pitfalls. Keith Mayo | 1.30pm A minimum two years follow up of 100 implants using the integral leg prosthesis (ILP). Munjed Al Muderis |
| 1.40pm Mid to long-term results of cemented collarless double-taper stems for femoral revision hip replacement in the elderly patient. Tim Cordier | 2.00pm The role of iliotibial band release in treating patellofemoral osteoarthritis. Bruce Caldwell | 1.45pm Nailing proximal femoral fractures – case studies – consensus, tips, tricks and pitfalls. Jong-Keon Oh | 1.40pm Minimally invasive stabilization of upper limb pathological fractures with an intramedullary polymer. Steffen Heck |
| 1.50pm Medium to long-term results of dual mobility hip implant in revision procedures for instability. Olivier Guyen | 2.10pm Releasing the iliotibial band: A 13 year postoperative review of 30 knees. Bruce Caldwell | 2.00pm Distal femoral – case studies – consensus, tips, tricks and pitfalls. Sean Nork | 1.50pm Reinforced metal osteosynthesis with bone metastases and its prospects. Volodymyr Protsenko |
| 2.00pm Disconcerting incidence of radiolucent lines around ultra-porous tritanium acetabular components. Dermot Collopy | 2.20pm Bone marrow access in cartilage repair: comparison of microfracture, nanofracture, K-wire and drill in the adult ovine model. Dominik Schaffner | 2.15pm Plateau fractures – case studies – consensus, tips, tricks and pitfalls. Keith Mayo | 2.00pm Beware the lump in the foot! – predictors of recurrence and survival in bone and soft tissue sarcomas of the foot and ankle. Andrew Salipas |
| 2.10pm Migration of porous tantalum components used for reconstruction of major acetabular deficiencies. Lucian Bogdan Solomon | 2.30pm Avulsion of proximal hamstrings: Is non-operative treatment justified? David Wood | 2.30pm ASK THE EXPERT Lower limb trauma cases for discussion – invite participants to submit cases. PANEL: Keith Mayo, Jong-Keon Oh, Sean Nork, Michael Schuetz, AOTS Faculty | 2.10pm How does extremity sarcoma affect the employment status of patients upon diagnosis? Melissa Tang |
| 2.20pm Custom acetabular implants for revision arthroplasty: What are the results? Charlotte Allen | 2.40pm PANEL DISCUSSION – HAMSTRING TENDON INJURIES Arthroscopic reconstruction is now the treatment of choice. PANEL: Bruce Reider, Timothy Hewett, Christopher Kaeding, David Wood, Peter Annear and Julian Feller | | 2.20pm The use of the Toronto extremity salvage score as a measure of function in recently diagnosed extremity sarcoma patients: Sociodemographic considerations and acceptability. Melissa Tang |

session 3 1.30pm–3.00pm

| Room TBA | Room TBA | Room TBA | Room TBA |
|---|--|---|--|
| <p>arthroplasty – revision hip/knee Chairman – Richard De Steiger</p> | <p>sports knee Chairman – Greg Witherow</p> | <p>trauma – ao seminar Chairman – Marinis Pirpiris</p> | <p>tumour Chairman – Peter Steadman</p> |
| <p>2.30pm Fastidious organisms – how two bottles may save the surgeon's day. Christopher Reitz</p> | <p>Continues</p> | <p>Continues</p> | <p>2.40pm Biomechanical testing of a novel tendon junction for use in tendon grafting and transfers. Steve Marchalleck</p> |
| <p>2.40pm ICL Dilemma in revision hip and knee arthroplasty case based discussion. Richard De Steiger/Panel</p> | | | <p>2.50pm Risk Factors for giant cell tumor recurrence: A retrospective cohort study. Angelo Leano</p> |
| <p>3.00pm–3.30pm Afternoon tea</p> | | | |

session 4 3.30pm–5.00pm

See overleaf ►►

session 4 3.30pm–5.00pm

| Room TBA | Room TBA |
|--|---|
| outreach – apoa Chairman – Stephen Quain | trauma – ao seminar Chairman – Marinis Pirpinis |
| 3.30pm Total arthroplasty in Indigenous Australians in the Top End 2008 – 2012. Brent Matthews | CHALLENGES IN FRACTURE MANAGEMENT – PART 2 |
| 3.40pm Pacific Islands Orthopaedic Association training programme – the first two modules. Patrick Houasia | 3.30pm Plafond fractures – case studies – consensus, tips, tricks and pitfalls. Sean Nork |
| 3.50pm Can training in infection control modify and improve orthopaedic clinical practice? Alex Munamua | 3.50pm Strategies in the management of chronic osteomyelitis and infected nonunions – case studies – consensus, tips, tricks and pitfalls. Jong-Keon Oh |
| 4.00pm Transformation of club foot care in the Solomon Islands using Ponsetti technique. Stephen Kodovaru | 4.10pm Non union – consensus, tips, tricks and pitfalls. Sean Nork |
| 4.10pm Orthopaedic Outreach in Madagascar. Simon Zilko | 4.30pm ASK THE EXPERT Complex/non union case discussions – invite participants to submit cases. PANEL: Keith Mayo, Jong-Keon Oh, Sean Nork, Michael Schuetz, AOTS Faculty |
| 4.20pm Indonesian orthopaedics – successes and future prospect. Putu Astawa | |
| 4.30pm Australian influence in Indonesian orthopaedics Joe Ghabrial | |
| 4.40pm Partnerships between Orthopaedic Outreach, Royal Darwin Hospital and Indonesia: Building sustainable staffing models. Di Brown | |
| 4.50pm Initiating a trauma meeting in Indonesia. Ben Jeffcote | |
| 5.00pm RACS International Committee: Its role and relationship. John Batten | |
| 5.10pm A personal perspective on the assistance provided in Kiribati. John Tuffley | |
| 5.20pm Orthopaedic Outreach: Review and future directions. Graham Hextell | |
| End of ASM 2013 | |



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