

Provisional Program

Conference Disclaimer



76TH AOA ASM AND 66TH NZOA ASM – CAIRNS 2016

9–13 October, Cairns Convention Centre

asm.aoa.org.au



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Australia



New Zealand Orthopaedic Association
Level 12, Ranchhod Tower,
39 The Terrace,
Wellington 6011,
New Zealand

Monday 10 October

Monday 10 October

Session 1 8.00am–10.00am

Room	Room	Room
Arthroplasty LESSONS FROM THE REGISTRIES Moderator – Bill Walter	General Moderator – Phong Tran	Trauma Moderators – Zsolt Balogh, Marinis Pirpiris, Andrew Oppy and Chris Morrey
8.00am Mortality after hip and knee replacement: a review of 103 cases from ANZ ASM Nigel Broughton	8.00am Does ASA grade correlate to pre-surgical anaesthetic time in patients undergoing hip fracture surgery? Nida Awan (Jai Sungaran)	8.00am Venous thromboembolism with lower limb immobilization for Achilles tendon injury – an unresolved problem Liam Dunbar (Irene Braithwaite)
8.08am The impact of patient and surgical factors for primary knee arthroplasty infection: an analysis of 64,566 joints from the New Zealand Joint Registry Simon Young	8.08am Patient education: how useful are the AOA branded patient education pamphlets Andrew Beischer	8.10am Introducing a novel treatment option for juxta-articular segmental bone loss: 3D printed custom titanium truss strut implants combined with the masquelet technique Matthew Randell (Kevin Tetsworth)
8.16am Effect of implant fixation on 30-day mortality following primary total hip arthroplasty: a review of the New-Zealand Joint Registry data Jean-Claude Theis	8.16am Redefining the outpatient model of care for simple orthopaedic fractures Wenley Chang (Richard Page)	8.20am Patient specific 3D printed titanium truss strut implants combined with the masquelet technique for segmental bone loss: preliminary results of treatment Annabel Stabler (Kevin Tetsworth)
8.24am DISCUSSION	8.24am Enhancement of bone allograft using sugar-based polymer/BMP-2 coating Tegan Cheng (David Little)	8.30am Implementation of a trauma list, comparing outcomes in trauma patients managed on an emergency board compared to a dedicated trauma board Matthew Knight (Chris Morrey)
8.30am The effect on long term survivorship of surgeon preference for posterior stabilized or minimally stabilized total knee replacement: an analysis of 63416 cases from the AOANJRR Christopher Vertullo	8.32am Who, where, what, and where to now? A snapshot of publishing patterns in Australian orthopaedic surgery Nicholas Croker (David Dewar)	8.40am Evaluating the utility of accessory lateral tibial plateau radiographs in posterolateral tibial plateau fracture reduction: an anatomic and radiographic study Angus Jennings

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8.38am Revision rates after primary total hip joint arthroplasty: joint registry analysis of spectron hip Laura Singleton (Gary Hooper)	8.40am Improving the response rate the collection of PROMs in the outpatient setting – a prospective cohort study Andy Ho (Phong Tran)	8.50am Functional outcomes of surgically managed acetabular fractures in patients over 60 years of age Pierre Navarre
8.46am Cemented and cementless femoral stem fixation in THR for patients aged 75 years and older: a comparison of the best performing stems in this age group Andrew Shimmin	8.48am Routine collection of PROMS for all elective patients at the Western – our successes and failures after 4 years Christa Purdie (Phong Tran)	9.00am What is the evidence base for post-operative weightbearing following pelvic fracture surgery? Mark Rickmann
8.54am Cemented vs cementless cups in total hip arthroplasty, a review of the AOA NJRR Dirk van Bavel	8.56am The dichotomy in referral expectations relating to emergent orthopaedic referral: a survey of senior orthopaedic and emergency staff Steven Kent (David Dewar)	9.10am mutli-centred cohort study of Vancouver Type B2 peri-prosthetic fractures in cemented femoral implants treated with ORIF without revision Peter Smitham
9.02am The Birmingham hip resurfacing (BHR) does not have a lower revision rate than the best conventional total hip replacements (THR) in men under the age of 65 in the Australian Orthopaedic Association National Joint Replacement Registry (AOANJRR) James Stoney	9.04am The effect of an orthopaedic trauma list on elective cancellations: a unicenter retrospective analysis Nicholas Jorgensen (Arvind Puri)	9.20am THE BOUNCE EFFECT: A study of musculoskeletal injury profile from trampoline injuries Nanda Kumar (James Reidy)
9.10am DISCUSSION	9.12am Morbidity and mortality at 12 months after proximal humeral fractures in the elderly Maritsa Papakonstantinou (Martin Richardson)	9.30am A retrospective observational analysis of subchondral screw distance in volar locking plate fixation of distal radius fractures: association with loss of reduction, change in tilt and radiological outcomes David Ma (Bernard Schick)

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Room	Room	Room
Arthroplasty LESSONS FROM THE REGISTRIES Moderator – Bill Walter	General Moderator – Phong Tran	Trauma Moderators – Zsolt Balogh, Marinis Pirpiris, Andrew Oppy and Chris Morrey
9.20am New Zealand Joint Registry data underestimates the rate of prosthetic joint infections Mark Zhu (Simon Young)	9.20am The femoral cortical thickness ratio as a predictor of local bone mineral density David Sime (Nigel Broughton)	9.40am Minimally invasive percutaneous plating for humeral shaft fractures: an updated and expanded study of outcomes Anabelle Stabler (Kevin Tetsworth)
9.28am Are metal-on-metal prostheses associated with an increased risk of cancer? A nationwide cohort study Stephen Graves	9.28am Validity of LRINEC scoring system for diagnosing necrotising fasciitis in western population William Pangestu (Syed Haque)	9.50am The effect of patient, fracture and surgical factors on the outcomes of high energy neck of femur fractures in young patients John Rayner (TBA)
9.36am Early results of the Mater Orthopaedic Outcomes Registry pilot study Matt Lyons	9.36am Early diagnosis and treatment of necrotizing fasciitis in 36 patients: "The Laboratory Risk Indicator For Necrotizing Fasciitis" (LRINEC) scoring system Kelly Vince	
9.44am GUEST SPEAKER Implant Registry pros and cons Michael Dunbar	9.44am 2016 QLD ASM – BEST CLINICAL PAPER Pain pressure thresholds predict total knee arthroplasty outcome at 6 weeks, 6 months and 12 months post-operatively Jaber Khalid	
9.52am DISCUSSION	9.52am 2016 QLD ASM – BEST SCIENCE PAPER Concept to design: an attractive approach to total wrist replacement Chris Jeffery	

10.00am–10.30am Morning tea

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Monday 10 October

Monday 10 October

Session 2 10.30am–12.30pm

Room	Room	Room
Arthroplasty THR IMPLANT POSITION AND APPROACHES Moderator – Ed Marel	Spine/General Moderator – Sue Liew	Trauma Moderators – Marinis Pirpiris, Zsolt Balogh, Martin Richardson and Chris Morrey
10.30am An analysis of acetabular component position in primary total hip arthroplasty: review of post-operative radiographs and comparison with re-admission for dislocation Jack Lahy (Richard de Steiger)	10.30am Spinal epidural abscess – a tertiary referral centre experience Emma Lewis (Sue Liew)	10.30am Hip preserving procedures for post-traumatic and degenerative conditions: is femoral osteotomy still an option? Jaimie Quintero
10.38am Acetabular cup positioning using a patient specific computational model Gianmarco Regazzola	10.38am Introduction of the Barricaid annular closure device – caution with new technology Emma Johnston	10.45am Proximal humeral nonunion – is there light at the end of the tunnel? Merng Koon Wong
10.46am Accuracy of patient specific functional acetabular component positioning in total hip replacement Andrew Shimmin	10.46am In-hospital morbidity and mortality for operative and non-operative management of Type 2 Odontoid fractures in the elderly Michael O'Donnell (Nathan Hartin)	11.00am Adjuvant treatments in acute fracture surgery – is bone grafting really worth it? Jaimie Quintero
10.54am Is there an acetabular safe zone? An investigation into functional acetabular orientation of THR's and their associated clinical issues. Leonard Walter	10.54am Vertebral body augmentation reliably reduces morbidity in osteoporotic spine fractures Kim-Soon Oh	11.15am Continual Professional Development in orthopaedic fracture care – continued learning or periodic examination Merng Koon Wong
11.02am DISCUSSION	11.02am Pedicle screw fixation and spinal deformity progression in spine injuries Gur Aziz Singh Sidhu (M Yamin)	11.30am Errare humanum est? (Errors and mistakes in trauma and orthopaedics from an orthopaedic surgeon's perspective). Jaimie Quintero
11.10am Computerised navigation in total hip arthroplasty: the Australian experience William Donnelly	11.10am Complications of cortical screw fixation in the lumbar spine. A 3-year learning curve Tharsa Thillainadesan (David Edis)	11.45am Fellowship training – what to do when government funding does not cut the mustard Merng Koon Wong

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Arthroplasty THR IMPLANT POSITION AND APPROACHES Moderator – Ed Marel	Spine/General Moderator – Sue Liew	Trauma Moderators – Marinis Pirpiris, Zsolt Balogh, Martin Richardson and Chris Morrey
11.18am Validation of a novel CAT based algorithmic method for measuring the anterior and medial offset of the femoral head Chirag Patel	11.18am Outcomes of lumbar facet syndrome treated with oral diclofenac or methylprednisolone facet injection: a randomized trial Sae-Jung Surachai	12.15pm From cuneiform clay tablet to the iPhone – a short history of knowledge and education Jaimie Quintero
11.26am Comparison of intra-operative methods for determining leg length and offset in total hip arthroplasty Todd Mason (Chatar Goyal)	11.26am NZOA – REGISTRAR PAPER DAY WINNER Do forced air warmers increase operative field contamination? Alex Carslaw (Tim Lynskey)	
11.34am The femoral head centre is not level with the superior tip of the greater trochanter Ed Marel	11.34am Pressure dressings on hip arthroplasty wounds – how much pressure? Wenley Chang (Richard Page)	
11.42am DISCUSSION	11.42am Is big better?! A pilot study investigating cup impaction mechanics during total hip arthroplasty Alana Forster (Geoff Anderson)	
11.50am How good are we at predicting stem anteversion intraoperatively? Richard Boyle	11.50am Short-term and long-term results of the metal ion levels post total knee arthroplasty Amin Masoumi (Ross Crawford)	
11.58pm Native femoral anteversion in the THA population Jonathan Baré	11.58am The anterior approach for a non-image-guided intra-articular hip injection Brett Moreira (David Young)	

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Monday 10 October

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Session 2 10.30am–12.30pm

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Arthroplasty THR IMPLANT POSITION AND APPROACHES Moderator – Ed Marel	Spine/General Moderator – Sue Liew	Trauma Moderators – Marinis Pirpiris, Zsolt Balogh, Martin Richardson and Chris Morrey
12.06pm Accurate reproduction of femoral centre of rotation using 3D templating and a patient specific guide Andrew Shimmin	12.06pm Does knee position at wound closure affect patella height post total knee arthroplasty Lawrence Tee (Alasdair Sutherland)	
12.14pm 2015 AORA BEST PAPER The effect of gluteus maximus tendon release on the position of the sciatic nerve during the posterior approach to the hip Andrew Kanawati (Fiona Stewart)	12.14pm Risk factors for 90 day surgical site infection (SSI) in hip and knee arthroplasties in New Zealand: July 2013–June 2015 Simon Young	
12.22pm DISCUSSION	12.22pm Improvement in Quality and Safety Marker (QSM) performance in the New Zealand Orthopaedic Surgical Site Infection Improvement (SSII) Programme: 2013–2015 Simon Young	

12.30pm–1.30pm Lunch

Session 3 1.30pm–3.00pm

Room
Opening Ceremony

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Monday 10 October

Monday 10 October

Session 4 3.30pm–5.00pm

Room	Room	Room
Arthroplasty THR IMPLANT OPTIONS Moderator – David Campbell	Foot and Ankle/General Moderator – Paul Smith	Outreach Moderator – Graham Gumley
3.30pm The effect of hooded polyethylene liners and femoral head size on revision rate in metal on poly primary total hip arthroplasty. An analysis of 189,869 operations in the Australian Orthopaedic Association National Joint Replacement Registry Adrian Bauze	3.30pm Radiographic severity of arthritis predicts outcome following total ankle replacement Simon Chambers	3.30pm Trauma training in Ho Chi Mihn City – an Australian influence Andrew Beischer
3.38pm A randomised controlled trial using RSA to compare migration of highly porous solid backed acetabular components to porous components with ancillary screw fixation Donald Howie	3.38pm Management of proximal 5th metatarsal fractures with a single intramedullary screw Angus Crombie (Ben Forster)	3.40pm Cairns Hospital experience providing orthopaedic services to Indigenous communities and the Torres Strait Island populations Paul Muscio
3.46pm INVITED GUEST SPEAKER An RSA Study of the ADM acetabular component Michael Dunbar	3.46pm Measuring recovery after ankle fractures: a systemic review of the psychometric properties of scoring systems Alex Kerridge (Nigel Broughton)	3.50pm An established program supporting orthopaedic surgical service and education in Madang, PNG John Griffiths
3.54pm A prospective Roentgen Stereophotogrammetric Analysis (RSA) study of the Stryker Accolade II cementless hip stem to 2 years post-surgery Dermot Collopy	3.54pm Subtalar arthroscopy and fluoroscopy in percutaneous fixation of intra-articular calcaneal fractures: long term outcomes Gin Way Law (Kevin Koo)	4.00pm Outreach in PNG – from a provincial service visit to examining and credentialing in Port Moresby Andrew Ellis
4.02pm Interim results of a RSA study assessing subsidence and rotation after paragon hip stem arthroplasty. predictor for a stable future Rami Sorial	4.02pm Diagnosis and treatment of peroneal muscle herniation causing superficial peroneal nerve compression syndrome; a novel clinical examination and cadaveric study Adam Parr (Robert Pozzi)	4.20pm Orthopaedic presentations in the New Guinea Provinces. A management strategy Felix Diaku

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Monday 10 October

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Session 4 3.30pm–5.00pm

Room	Room	Room
Arthroplasty THR IMPLANT OPTIONS Moderator – David Campbell	Foot and Ankle/General Moderator – Paul Smith	Outreach Moderator – Graham Gumley
4.10pm DISCUSSION	4.10pm Arthroscopy-assisted surgery for tibial plateau fractures and related complications Yi-Sheng Chan	4.30pm Pacific Islands Orthopaedic Association: a growing family Patrick Houasia
4.20pm Short-term incidence of radiographic evidence of osteolysis in the Avenir Müller (AM) femoral stem (Zimmer Biomet) in total hip arthroplasty Shanil Yapa (David Wood)	4.18pm Bovine lactoferrin increases bone regeneration in a rat critical-sized calvarial defect model Ryan Gao (Jillian Cornish)	4.40pm An overview of Orthopaedics in Lautoka; Orthopaedic surgical training in Fiji Vaigalo McCaig
4.28pm Fifteen-year results with ceramic on ceramic total hip arthroplasty in patients less than fifty-five years old Bill Walter	4.26pm Chronic osteomyelitis – bacterial flora, antibiotic sensitivity and treatment challenges in Papua New Guinea Jerzy Kuzma	4.50pm–5.30pm Outreach Annual General Meeting
4.36pm Long term survival of the Exeter cemented hip arthroplasty in the young adult population Anubhav Sathu	4.34pm Improving the Orthopaedic Ward Round – a prospective cohort study Adrian Talia (Phong Tran)	
4.44pm Polyimide (MP-1TM): a new bearing material for total hip replacement James Burn	4.42pm A promising modulus appropriate bioactive implantable material: SrP-TNTZ Paul Smith	

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Monday 10 October

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Session 4 3.30pm–5.00pm

Room	Room	Room
Arthroplasty THR IMPLANT OPTIONS Moderator – David Campbell	Foot and Ankle/General Moderator – Paul Smith	Outreach Annual General Meeting
4.52pm DISCUSSION	4.50pm NZOA HONG KONG AMBASSADOR PAPER Cost-benefit analysis of intra-articular injection of tranexamic acid in total knee arthroplasty Chan Ping Keung	
5.00pm End of day		

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Tuesday 11 October

Tuesday 11 October

Session 1 8.00am–10.00am

Room	Room	Room
Arthroplasty	Hand	Trauma
OUTCOMES AND PATIENT FACTORS Moderator – William Donnelly	Moderators – Michael Sandow and Michael Boland	Moderators – Marinis Pirpiris, Zsolt Balogh, Andrew Oppy and Cameron Cooke
8.00am The influence of body mass index on microarchitecture and bone remodeling of subchondral bone in knee osteoarthritis patients. Christopher Jones	8.00am The dart throwers motion: radioscapulohumeral fusion versus four corner fusion Sina Babazadeh (Richard Page)	8.00am Marketing, compliance and orthopaedic surgeons – is spruiking ever acceptable in the introduction of new technologies? Merng Koon Wong
8.08am Longitudinal validation of Patient Impact on Life Questionnaire as a prioritisation tool for hip and knee osteoarthritis Laura McAulay (Murali Reddy)	8.10am Effect of scapholunate ligament section on the kinematics of the type 1 and type 2 lunare wrists David Morris (Greg Bain)	8.15am Avoiding bias in orthopaedic trauma research studies: why bother? Theodore Miclau
8.16am Effect of Body Mass Index (BMI) on peri-operative outcome post total hip and knee arthroplasty Tim Chuang (Tim Lynskey)	8.20am Biomechanical analysis of headless compression screws – reverse or replace? Simon Donald (Richard Lawson)	8.30am Is there a role for educational partnerships in the provision of orthopaedic trauma education in orthopaedic training programs? Jaime Quintero
8.24am Predictors and outcomes in patients aged ≥ 80 years undergoing hip and knee joint replacement Tyler Mow (Peter Choong)	8.30am Chitosan-based biopolymer supported Adelaide repair mechanically equivalent to the gold standard circumferential supported Adelaide repair in flexor tendon injury: an in vitro porcine mechanical study Anders Sideris (Tim Peltz)	8.45am Prosthetic selection and fiscal responsibility: what can and should surgeons do? Theodore Miclau
8.32am Patient selection for surgery and preoperative PROMS data Michael Solomon	8.40am Tooth knuckle injuries in Far North Queensland Chris Conyard (Jeremy Loveridge)	9.00am Senior surgeon outliers – does this ever happen and what can one do? Merng Koon Wong

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Tuesday 11 October

Tuesday 11 October

Session 1 8.00am–10.00am

Room	Room	Room
Arthroplasty OUTCOMES AND PATIENT FACTORS Moderator – William Donnelly	Hand Moderators – Michael Sandow and Michael Boland	Trauma Moderators – Marinis Pirpiris, Zsolt Balogh, Andrew Oppy and Cameron Cooke
8.40am DISCUSSION	8.50am Predicting serious complications and high treatment costs in tooth knuckle injuries: a systematic review Hamish Smith (Jeremy Loveridge)	9.15am Orthopaedic trauma research: developing responsible and sustainable programs in resource-limited environment Theodore Miclau
8.50am Complications post primary hip and knee arthroplasty. When and where are they identified? Nicholas Maister (Richard Page)	9.00am A comparison of gonadal scatter radiation exposure beneath various lead aprons in seated hand surgeons using conventional C-arm fluoroscopy Anthony Murray (Ian Incoll)	9.30am The AO Alliance – a new resource in the trauma educational domain. Its achieved so far and the funding opportunities for the Asian Pacific region? Jaime Quinetro
8.58am Compliance and outcomes in a 'virtual clinic' for long term follow-up of patients after hip and knee replacement Michael O'Brien (Nigel Broughton)	9.10am Microbial counts in hands with and without nail polish after surgical skin preparation – a randomised control trial Sarah Shumborski (Ian Incoll)	9.45am Australia's role in the provision of trauma care and education in the Asia Pacific region Meng Koon Wong
9.06am Long-term follow-up for hip and knee arthroplasty: A survey of the Arthroplasty Society of Australia members Charles Gallagher (Jonathan Mulford)	9.20am Correction deformity and restoration of hand function when the consequences of deep burns through the use of distraction transosseous devices Sergey Yakovlev	

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Tuesday 11 October

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Session 1 8.00am–10.00am

Room	Room	Room
Arthroplasty OUTCOMES AND PATIENT FACTORS Moderator – William Donnelly	Hand Moderators – Michael Sandow and Michael Boland	Trauma Moderators – Marinis Pirpiris, Zsolt Balogh, Andrew Oppy and Cameron Cooke
9.14am DISCUSSION	ETHICS AND PROFESSIONALISM IN HAND SURGERY Moderator – 9.30am–10.00am	
9.20am Clexane vs Aspirin – the results of two double blinded randomised control trials using tranexamic acid and the anterior hip replacement approach Andrew Fraval (Phong Tran)	9.30am The Australian perspective David Gilpin	
9.28am Tranexamic acid in hip and knee arthroplasty: a literature review with recommendations for administration Afsana Hasan (David Campbell)	9.40am The New Zealand perspective Michael Boland	
9.36am Implementation of tranexamic acid protocol at a Metropolitan Tertiary Hospital – a cohort study Christopher Newman (Phong Tran)	9.50am DISCUSSION	
9.44am Operating time for total knee arthroplasty in public versus private sectors – where does the efficiency lie? Richard Cowley (Simon Young)		
9.52am DISCUSSION		

10.00am–10.30am Morning tea

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Tuesday 11 October

Tuesday 11 October

Session 2 10.30am–12.30pm

Room			
Hip Fractures Plenary Moderators – Ian Harris and Jacqui Close 10.30am–11.30am			
10.30am	Hip fracture rates and outcomes in the elderly Australians: trends in the 21st century and projections for the future	Dawei Huang (Alexander Fisher)	
10.37am	Health outcomes for older persons with fractures of the hip – a health economics focus	Mellick Chehade	
10.45am	ANZ Hip Fracture Registry 1st Annual Report	Ian Harris	
11.00am	ANZ Clinical Care Standards and Quality Indicators for hip fracture	Jacqui Close	
11.15am	A typical femur fractures: how to manage them	Theodore Miclau	
Arthroplasty Plenary INTRODUCING NEW TECHNOLOGY Moderator – David Morgan 11.30am–12.30pm			
11.30am	INVITED SPEAKER Introducing New Surgical Technology	Michael Dunbar	
11.40am	Changing approach and implant – just do it	David Campbell	
11.50am	Lets be sensible with innovation	Andrew Shimmin	
12.00pm	The introduction of innovation in arthroplasty	Fares Haddad	
12.10 pm	DISCUSSION		
12.30pm–1.30pm Lunch			

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Tuesday 11 October

Tuesday 11 October

Session 3 1.30pm–3.00pm

Room	Room	Room	Room
Arthroplasty THR REVISION Moderator – Warwick Bruce	APOA FOCUS ON EDUCATION ORTHOPAEDIC CURRICULUM STRUCTURE IN THE ASIA PACIFIC COUNTRIES IS HARMONISATION OF THE VARIOUS PROGRAMS FEASIBLE? Moderators – Ted Mah, Graham Mercer and Ian Incoll	Tumour Moderator – Peter Steadman and Gerard Powell	Paediatrics Moderators – Michael Stening and George Thompson
1.30pm Novel RSA measurements of acetabular fracture stability treated with tantalum acetabular components John Abrahams (Donald Howie)	1.30pm Current status of orthopaedic training across the AP Ted Mah	1.30pm KEYNOTE SPEAKER Evidence base medicine in orthopaedic oncology Miguel Ayerza	1.30pm KEYNOTE LECTURE George Thompson
1.38pm The Contour acetabular cage: A valuable option for large acetabular defects. A case series with 1- to 7-year follow-up. Ben Treffene	1.45pm Orthopaedic Curriculum – Australian perspective – AOA 21 Ian Incoll	2.00pm Computer-assisted navigation for pedestal cup positioning: radiographic and early clinical outcomes Samuel Duff (Richard Carey-Smith)	1.50pm Combination sclerostin antibody and zoledronic acid treatment outperforms either treatment alone in a mouse model of osteogenesis imperfecta David Little
1.46pm Custom triflange acetabulum augment for acetabular revision with substantial bone loss. A mid-term review Gary Hooper	2.00pm Orthopaedic Curriculum – Hong Kong perspective Bobby Kin Wah Ng	2.07pm An update: rates of infections in silver-coated megaprotheses in limb salvage surgery Geraldine Goh (Richard Carey Smith)	1.57pm Modified dunn procedure for slipped capital femoral epiphysis, 151 consecutive cases: role of femoral head perfusion monitoring and post-operative bonescan Oliver Birke
1.54pm Cement-within-cement femoral stem exchange revision using the collarless double taper stem Daniel Mandziak	2.15pm Orthopaedic Curriculum – Philippine perspective Julyn Aguilar	2.15pm Vascular tumours Peter Steadman	2.04pm Optimisation of the telescopic rod using 3D Computer Aided Design (CAD) software and Finite Element Analysis (FEA) Irene Yang (David Little)
2.02pm TBA	2.30pm Harmonisation of Orthopaedic Curriculum in the AP – Malaysia and APOA perspective David Choon	2.25pm Sarcoma and the Haka Micheal Hanlon	2.11pm Training the next generation of surgeons in reconstructive hip surgery Leena Zhou (Kerr Graham)

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Tuesday 11 October

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Session 3 1.30pm–3.00pm

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Arthroplasty THR REVISION Moderator – Warwick Bruce	APOA FOCUS ON EDUCATION ORTHOPAEDIC CURRICULUM STRUCTURE IN THE ASIA PACIFIC COUNTRIES IS HARMONISATION OF THE VARIOUS PROGRAMS FEASIBLE? Moderators – Ted Mah, Graham Mercer and Ian Incoll	Tumour Moderator – Peter Steadman and Gerard Powell	Paediatrics Moderators – Michael Stening and George Thompson
2.10pm DISCUSSION	2.45pm SUMMARY, OPEN DISCUSSION, Q&A AND CONSENSUS OPINION?	2.35pm My life in orthopaedic oncology Ian Dickinson	2.18pm DISCUSSION
2.20pm A comparison of periprosthetic femoral fracture patterns between cemented and uncemented femoral stems Michael Nasserallah (Nigel Broughton)	3.00pm–3.30pm APOA Annual General Meeting	2.50pm Sarcoma in courts Peter Steadman	2.23pm Hip dysplasia screening in a rural health district: An analysis of practice with respect to hip dysplasia screening in the Hunter New England Local Health District Suzanne Wright (Eric Ho)
2.28pm Revision of total hip arthroplasty for periprosthetic fracture Richard de Steiger			2.30pm Paediatric clavicular osteomyelitis Mark Huang (Haemish Crawford)
2.36pm Revision for femoral component breakage after THR: analysis from the AOANJRR Mark Rickman			2.37pm Children bouncing to the emergency department Monica Chen (Nicole Williams)
2.44pm ICL Periprosthetic fractures: current paradigms Fares Haddad			2.44pm APOS ASM FOR BEST PAPER Short term outcomes after lower limb surgery for cerebral palsy Sue Stott
2.52pm DISCUSSION			2.51pm DISCUSSION

3.00pm–3.30pm Afternoon tea

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Tuesday 11 October

Tuesday 11 October

Session 4 3.30pm–5.00pm

Room

Plenary

THREE MOST IMPORTANT RECENT PAPERS IN MY SPECIALTY THAT HAVE CHANGED ORTHOPAEDIC PRACTICE

Moderators – Ian Harris and Fares Haddad

3.30pm	Introduction	Ian Harris
3.40pm	Knee	Christopher Vertullo
3.50pm	Hand	David Gilpin
4.00pm	Trauma	Zsolt Balogh
4.10pm	Tumour	Peter Choong
4.20pm	Arthroplasty	Fares Haddad
4.30pm	Paediatrics	George Thompson
4.40pm	Shoulder/Elbow	Greg Bain
4.50pm	General	Ian Harris
5.00pm	End of day	

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Wednesday 12 October

Wednesday 12 October

Session 1 8.00am–10.00am

Room

Registry Science Plenary

Moderators: Richard de Steiger and Stephen Graves

8.00am	Young hips	Richard de Steiger
8.05am	Young knees	Peter Lewis
8.10am	DISCUSSION	
8.20am	Hip arthroplasty update	Stephen Graves
8.25am	Knee arthroplasty update	Peter Lewis
8.30am	Shoulder arthroplasty update	Richard Page
8.35am	Ankle arthroplasty update	Andrew Beischer
8.40am	DISCUSSION	
8:50am	Recent developments from the New Zealand Registry	Simon Young
9.05am	Knee Osteotomy Registry	Chris Vertullo
9.10am	ACL Registry pilot data	Richard Clarnette
9.15am	Spine Registry	Michael Johnson
9.20am	ACORN	Sam Macdessi
9.25am	ANZ Hip Fracture Registry	Ian Harris
9.30am	Publishing registry studies	Fares Haddad
9.40am	Registries vs RCTs	Maria Inacio
9.50am	What is (and what should be) Level 1 evidence?	Ian Harris

10.00am–10.30am Morning tea

Name in () indicates senior author of the paper who will be present for the presentation

Wednesday 12 October

Wednesday 12 October

Session 2 10.30am–12.30pm

Room

Ethics and Professionalism Plenary

Moderator – Andreas Loeﬂer and Jean-Claude Theis

An appraisal of surgeons:

Grant Gillett	NZOA Presidential Guest Speaker
Jan Verhaar	AOA RACS Keynote Speaker
Kevin Black	AOA Presidential Guest Speaker
Scott Chapman	Partner TressCox Lawyers
Angela Grein	AOA Invited Guest Speaker
Peter Moore	President AORA
Roy Carey	AOA Member
David Teuscher	Immediate Past President – AAOS
David Macintosh	AOA Member
Jason Frank	AOA RACS Keynote Speaker

PANEL DISCUSSION

12.30pm–1.30pm Lunch

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Wednesday 12 October

Wednesday 12 October

Session 3 1.30pm–3.00pm

Room	Room	Room
Arthroplasty PERI PROSTHETIC INFECTION Moderator – Dermot Collopy	Medico Legal Moderators – Drew Dixon and John Harrison	Hip Reconstruction Moderator – Jonathan Baré
1.30pm Obesity and surgical site infection in primary total knee arthroplasty Chris Wilson	1.30pm KEYNOTE SPEAKER In what respect does the physically injured patient with a financial claim differ from non-claimant patients? George Sikorski	1.30pm INVITED LECTURER Adolescent hip disorders Jit Balakumar
1.38pm Arthroplasty in the tropics: sweating out the risks of TKR Infection Drew Armit (Ben Parkinson)	1.50pm What is the evidence that ageing surgeons are dangerous? David Morgan	1.45pm In-vivo kinematics of femoroacetabular impingement Tom Ward (P Smith)
1.46pm Routine MRSA wound swabs before and after arthroplasty – do they change, do they alter clinical management and should we perform them? Ben Gooden	2.05pm The placebo effect in surgery Ian Harris	1.55pm Does hip impingement planning software improve patient outcomes in patients who have had surgery for femoroacetabular impingement? Stephanie Baddock (Paul Smith)
1.54pm Antibiotic resistance in prosthetic joint infection: are patients protected? Mark Zhu (Simon Young)	2.20pm Medico-legal causation: what parameters apply following injury and what treatment is reasonable and necessary and is it causally related to the accident? Drew Dixon	2.05pm The level of evidence for hip arthroscopy Nicholas Pergaminelis (Phong Tran)
2.02pm DISCUSSION	2.35pm KEYNOTE SPEAKER Risk management in knee replacement and the role of navigation George Sikorski	2.15pm INVITED LECTURER The history of femoroacetabular impingement in orthopaedic surgery David Young

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Wednesday 12 October

Wednesday 12 October

Session 3 1.30pm–3.00pm

Room	Room	Room
Arthroplasty PERI PROSTHETIC INFECTION Moderator – Dermot Collopy	Medico Legal Moderators – Drew Dixon and John Harrison	Hip Reconstruction Moderator – Jonathan Baré
2.10pm Proof of concept of a biosensor for rapid detection and antibiotic sensitivity determination of staphylococcus aureus Thomas McIntire (Peter Choong)		2.30pm Patient-reported outcome questionnaires in hip arthroscopy Jesse Renouf (Phong Tran)
2.18pm CSA-90: a novel antimicrobial for orthopaedics Rebecca Mills (David Little)		2.40pm Return to dance after Bernese periacetabular osteotomy for developmental hip dysplasia in elite dancers Matthew Boyle
2.26pm ICL Implant retention with arthroplasty infections Fares Haddad		2.50pm The role of hip arthroscopy in investigating and managing the painful hip resurfacing arthroplasty Brett Moreira (David Young)
2.34pm Success of debridement and implant retention in periprosthetic joint infection – does the surgeon matter? Mark Zhu (Simon Young)		
2.42pm DISCUSSION		

3.00pm–3.30pm Afternoon tea

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Wednesday 12 October

Wednesday 12 October

Session 4 3.30pm–5.00pm

Room

AOA Awards

AOA Research Foundation Annual General Meeting

AOA Annual General Meeting

AOA Members' Forum

Room

NZOA Annual General Meeting

5.00pm End of day

Thursday 13 October

Thursday 13 October

Session 1 8.00am–10.00am

Room	Room	Room
Arthroplasty TKR FUNCTION AND OUTCOMES Moderator – David Liu	Knee Moderator – Keith Holt	Shoulder and Elbow Moderators – Allan Wang and Simon McMahon
8.00am Patient specific recovery expectations following total knee replacement Rajitha Gunaratne (Riaz Khan)	8.00am Method to control the elasticity of femoral components and match it to the elastic properties of the distal femur Reto Lerf	8.00am Factors associated with revision in reverse total shoulder replacement: a National Registry analysis Richard Page
8.08am GUEST SPEAKER Optimizing patient satisfaction post TKR Michael Dunbar	8.08am Unexplained pain following total knee arthroplasty is rotational malalignment the problem? Simon Young	8.10am Revision of reverse shoulder arthroplasty Ashish Gupta
8.16am Multifactorial analysis of dissatisfaction after primary total knee replacement Myles Coolican	8.16am A sequela to Mark Snyder's Zero in on Zero AOA presentation. Male predisposition to staphylococcal periprosthetic joint infection after primary total knee arthroplasty Hil Yin Choi (Peter McEwen)	8.20am ICL Preventing infection in total shoulder arthroplasty Ken Cutbush
8.24am DISCUSSION	8.24am 2016 ANZAC FELLOWSHIP Total knee arthroplasty in the 21st century: why do they fail? A fifteen-year analysis of 11,135 knees Simon Young	8.30am Single vs two stage reconstruction of severe glenoid bone defects with reverse shoulder arthroplasty – surgical technique and clinical outcomes Ashish Gupta
8.30am Predictors and functional implications of change in leg length following total knee arthroplasty Jason Chinnappa (Samuel Macdessi)	8.32am Objective measure of activity level after TKR with the use of the 'Fitbit' device Ben Gooden	8.40am Rates of shoulder arthroplasty at 5 years in a large rotator cuff cohort Anthony Maher (Michael Caughey)

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Thursday 13 October

Thursday 13 October

Session 1 8.00am–10.00am

Room	Room	Room
Arthroplasty TKR FUNCTION AND OUTCOMES Moderator – David Liu	Knee Moderator – Keith Holt	Shoulder and Elbow Moderators – Allan Wang and Simon McMahon
8.38am The effect of total knee arthroplasty on active knee extension during treadmill walking Aaron Beach (David Parker)	8.40am DISCUSSION	8.50am ICL Activity after Reverse TSR – what should you advise? Allan Wang
8.46am Minimum 2-year follow-up of a medial ball and socket knee replacement William L Walter	8.48am The influence of knee compartment, anatomical subregion and arc of motion on meniscal translation in healthy knees and following meniscal repair during weight bearing knee flexion Gianmarco Regazzola (David Parker)	9.00am 5 year results from the New Zealand Rotator Cuff Registry – an update Anthony Maher (Michael Caughey)
8.54am DISCUSSION	8.56am The complimentary roles of the anterolateral ligament and the lateral meniscal posterior root in the control of rotational laxity of the knee Timothy Lording	9.10am Revision of rotator cuff repair after infection Josie Sinclair
9.00am Outcomes of primary total knee arthroplasty in patients with Parkinson's disease Eugene Wong (David Parker)	9.04am Arthroscopic repair of posterior horn root tears of the medial meniscus – encouraging mid-term results despite the presence of Outerbridge grade 3 and 4 cartilage damage. Andrew Witherow (Peter Myers)	9.20am 3T MRI: is arthrogram still indicated for investigation of rotator cuff pathology Philip Rowell (Bernard Tamba-Lebbe)
9.08am How does coronal balancing of posterior-stabilized TKA, within the functional range of motion (0-90°), impact patient-reported outcomes at 1 year post operatively? Jasan Dannaway (David Parker)	9.12am Lateral meniscal repair using the FasT-Fix meniscal repair system: a cadaveric safety assessment of the common peroneal nerve Nick Marson (David Slattery)	9.30am In vivo shoulder arthroscopic temperatures: comparison between two types of radiofrequency ablation system Matthew Wilkinson

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Thursday 13 October

Thursday 13 October

Session 1 8.00am–10.00am

Room	Room	Room
Arthroplasty TKR FUNCTION AND OUTCOMES Moderator – David Liu	Knee Moderator – Keith Holt	Shoulder and Elbow Moderators – Allan Wang and Simon McMahon
9.16am The potential role of cognitive behavioural therapy in managing patient dissatisfaction after primary total knee replacement Myles Coolican	9.20am Meniscal allograft transplantation – mid-term results with a minimum 4 year follow-up Ahmed Mahmoud (Peter Myers)	9.40am ICL Sutures, anchors and tissue reaction in the glenohumeral joint Richard Page
9.24am DISCUSSION	9.28am Predictors of patient reported outcome measures (PROMs) and failure after arthroscopic meniscal repair: a systematic review Daniel Yeo (David Parker)	9.50am Autologous tenocyte injection for the treatment of compensating occupationally related lateral epicondylitis: a retrospective case study Jeff Hughes
9.30am A retrospective study – patella tendon length after TKR with and without infrapatellar fat pad resection Siamak Seresti (TBA)	9.36am DISCUSSION	
9.38am ICL The medial pivot concept in TKA – building the evidence Fares Haddad	9.44am 2016 VICTORIAN BRANCH ASM – BEST PAPER Efficacy of arthroscopic partial menisectomy in the over 50's Shane Clark (Alistair Sutherland)	
9.46am Cementless versus cemented tibial fixation in posterior stabilised total knee replacement – a randomised trial Nils Oscar Nivbrant (Riaz Khan)	9.52am Regression modelling combining MR measurements and patient anthropometry to predict graft diameter in ACL reconstruction Vincent Vinh Gia An (Brett Fritsch)	
9.54am DISCUSSION		

10.00am–10.30am Morning tea

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Thursday 13 October

Thursday 13 October

Session 2 10.30am–12.30pm

Room	Room	Room
Arthroplasty TKR ALIGNMENT AND NAVIGATION Moderator – Scott Fletcher	Knee Moderator – David Hale	Shoulder and Elbow Moderators – Michael Sandow and Thin Hong
10.30am INVITED SPEAKER Using Portable Accelerometers to screen and monitor arthroplasty patients Michael Dunbar	10.30am Iliotibial band augmentation of undersized hamstring grafts for ACL reconstruction Gareth Davies (Tim McMenimen)	10.30am Surgical management of chronic high-grade acromioclavicular dislocations – a systematic review James Churchill (Eugene Ek)
10.38am Anatomy of the distal femoral rotational alignment for total knee arthroplasty: an MRI based study Jeevaka Amaranath (Rami Sorial)	10.38am The diameter of single bundle, hamstring autograft does not significantly influence revision rate or clinical outcomes after anterior cruciate ligament reconstruction Samuel Macdessi	10.40am ICL My technique for AC joint reconstruction: when and how I do it Ken Cutbush
10.46am Femoral rotational axes variation across demographic and radiological measures David Dickison	10.46am 5 year survival of endoscopic ACL reconstruction with live donor hamstring tendon allograft in juveniles and adolescents Justin Roe	10.50am Humeral shaft fractures – factors correlated with non union Frances Harkin (Nigel Broughton)
10.54am DISCUSSION	10.54am Reintervention after anterior cruciate ligament preserving surgery with Liagmys™ Laurenz Jaberg (Philipp Henle)	11.00am ICL 3D planning in complex shoulder surgery Michael Sandow
11.00am Blood loss in total knee arthroplasty – patient specific vs. navigated vs. conventional instrumentation Chris Wilson	11.02am ACL reconstruction – hybrid graft vs double bundle hamstring graft David Kelly (Peter Annear)	11.15am ICL Glenoid fractures surgical approach and internal fixation of extraarticular and intraarticular fractures Thin Hong
11.08am Systematic reviews of alignment in knee arthroplasty: can we trust the evidence? Riza Gultekin (Scott Fletcher)	11.10am DISCUSSION	11.30am ICL Labral tears, paralabral cysts: treatment considerations Stephen Roche

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Thursday 13 October

Thursday 13 October

Session 2 10.30am–12.30pm

Room	Room	Room
Arthroplasty TKR ALIGNMENT AND NAVIGATION Moderator – Scott Fletcher	Knee Moderator – David Hale	Shoulder and Elbow Moderators – Michael Sandow and Thin Hong
11.16am Non-functional radiology is unable to predict deformity correctability in total knee arthroplasty: implications for pre-operative surgical planning David Liu	11.20am The effect of knee position at the time of anatomic ACL graft tensioning on postoperative knee extension and anterior tibial translation Peter McEwen	11.45am ICL Biceps lesions – when to tenotomy; where to tenodesis? Peter MacDonald
11.24am The accuracy of intramedullary femoral alignment in total knee replacement in the presence of ipsilateral hip replacement Michael Reid	11.28am Femoral aperture fixation v's cortical suspensory fixation for soft tissue ACL reconstruction: An in-vivo computer navigation study Mark Porter	12.00pm ICL Elbow fractures and complex instability Greg Bain
11.32am DISCUSSION	11.36am 20 year outcomes of ACL reconstruction with hamstring tendon autograft. Does age matter? Justin Roe	12.15pm ICL Management of the stiff elbow Stephen Roche
11.40am Coronal alignment in total knee arthroplasty – a comparison of hand-held accelerometer based navigation with patient specific instruments and standard instruments Price Gallie	11.44am The influence of posterior medial meniscocapsular lesions on tibiofemoral joint laxity with ACL deficiency and reconstruction Andy Williams	
11.48am Do patient specific jigs improve accuracy of component placement in total knee arthroplasty? Jeevaka Amaranath (Rami Sorial)	11.52am Predicting patient reported outcomes at one year following ACL reconstruction Vincent Vinh Gia An	

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Thursday 13 October

Thursday 13 October

Session 2 10.30am–12.30pm

Room	Room	Room
Arthroplasty TKR ALIGNMENT & NAVIGATION Moderator – Scott Fletcher	Knee Moderator – David Hale	Shoulder and Elbow Moderators – Michael Sandow and Thin Hong
11.56am Patient specific musculoskeletal anatomy and kinematics following TKA and their relationship to patient reported outcomes Brett Fritsch	12.00pm Implementation of a Universal Youth ACL Prevention Program in Australia: a cost-benefit analysis Christopher Vertullo	
12.04pm No difference in two-year functional outcomes using kinematic versus mechanical alignment in TKA – a randomized controlled clinical trial Bill Farrington	12.08pm DISCUSSION	
12.12pm DISCUSSION	12.18pm INVITED SPEAKER Management of the dislocated knee: best practice 2016 Bruce Levy	
12.20pm INVITED SPEAKER Robotics is the future – ask your pilot Michael Dunbar		

12.30pm–1.30pm **Lunch**

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Thursday 13 October

Thursday 13 October

Session 3 1.30pm–3.00pm

Room	Room	Room
EFORT Symposium SHORTENING LENGTH OF STAY Moderator – Andreas Loeffler and David Campbell	Knee Moderator – David Wood	Shoulder and Elbow Moderators – Allan Wang and Michael Caughey
1.30pm Jan Verhaar President EFORT	1.30pm INVITED SPEAKER ICL Is ACL reconstruction a joint preserving procedure: the Mayo experience Bruce Levy	1.30pm ICL Decision making in glenohumeral dislocation Stephen Roche
1.40pm Per Kjaersgaard-Andersen Second Vice President EFORT	2.50pm ICL The role of lateral soft tissues in controlling anterior translation and internal rotation of the tibia in ACL reconstruction Andy Williams	1.45pm ICL Arthroscopic remplissage – how I do it, when I use it Peter MacDonald
1.50pm Kevin Black Immediate Past President American Orthopaedic Association	2.10pm DISCUSSION	2.00pm CLINICAL CASE SESSION PANEL: Stephen Roche, Peter MacDonald, Thin Hong, Ken Cutbush
2.00pm Jean-Claude Theis President, NZOA	2.25pm ICL Reducing rates of inappropriate knee arthroscopy through clinical leadership Ian Harris	2.35pm Induction of tendon stem cells toward tenogenic differentiation and tendon formation by uniaxial mechanical loadings without growth factors Minghao Zheng (Allan Wang)
2.10pm David Liu AOA Member	2.35pm ICL Arthroscopy of the knee with degenerative change – what the literature shows and what it does not Christopher Vertullo	2.45pm ICL Techniques of arthroscopic rotator cuff repair, including the role of biologics Peter MacDonald

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Thursday 13 October

Thursday 13 October

Session 3 1.30pm–3.00pm

Room	Room	Room
EFORT Symposium SHORTENING LENGTH OF STAY Moderator – Andreas Loeffler and David Campbell	Knee Moderator – David Wood	Shoulder and Elbow Moderators – Allan Wang and Michael Caughey
2.20pm Jacqui Close President, ANZ Society for Geriatric Medicine	2.45pm DISCUSSION	
2.30pm PANEL DISCUSSION		
3.00pm Meeting concludes		

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