



### Provisional Program 19TH ASIA PACIFIC ORTHOPAEDIC ASSOCIATION **CONGRESS** 29 March-1 April 2016 Melbourne Convention Centre Australia



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### Business Meetings

### Official Functions

Meetings to be held at the Melbourne Convention Centre

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8.00am–9.30am	Finance Committee, Federation and Congress Subcommittees	Melbourne Convention Centre – Room TBC
8.00am–9.30am	Education Committee and Editorial Board Meetings	Melbourne Convention Centre – Room TBC
10.00am-12.00pm	APOA Executive Meeting	Melbourne Convention Centre – Room TBC
12.00pm-12.30pm	LUNCH	
12.30pm-5.30pm	First Council meeting	Melbourne Convention Centre – Room TBC
FRIDAY 1 APRIL		
12.00pm-1.00pm	New EXCO Meeting	Melbourne Convention Centre – Room 212
1.00pm-4.00pm	Second Council Meeting	Melbourne Convention Centre – Room 212

#### **TUESDAY 29 MARCH**

6.00pm-7.30pm	Welcome Reception	Melbourne Convention Centre – Room TBC
7.30pm	Young Ambassadors' Dinner (invite only)	

### WEDNESDAY 30 MARCH

7.00pm President's Dinner (invite only)

### **THURSDAY 31 MARCH**

7.00pm Congress Dinner Melbourne Convention Centre – Room TBC

### 8.00AM-9.00AM INSTRUCTIONAL COURSE LECTURES

MELBOURNE ROOM 2	ROOM 203	ROOM 204	ROOM 210	ROOM 211
PLENARY	SPINE  DEBATES ON SPONDYLOLISTHESIS  Chairman – Arvind Jayaswal and  Dato Kandiah Shanmugan Sivananthan	KNEE  ACL RECONSTRUCTION  – GRAFT SELECTION AND  OPERATIVE TECHNIQUE  Chairman – Tim Whitehead	TRAUMA  HUMERAL SHAFT FRACTURES – INDICATIONS FOR SURGERY AND OPERATIVE. TECHNIQUE Chairman – Richard Page	HIP THE INFECTED THR, DIAGNOSIS AND MANAGEMENT Chairman – TBC
	High grade spondylolisthesis: reduced fusion  Jae-Yoon Chung	Does anatomical ACLR lead to better outcomes?  Chih-Hwa Chen	Non-operative management is my preference Frankie Leung	Overview and consensus TBC
	High grade spondylolisthesis: insitu fusion Shanmugan Rajasekaran	Graft choice for ACLR. What is available and which is best?  David Rajan	ORIF/ external fixateur  Martin Richardson	Advances in bone biology around infected THR G.Atkins
	DISCUSSION	How many bundles do we need? What is the role for DB in 2016? Yoshitsugu Takeda	IM nail for clavicle fractures  Martin Richardson	Infected THR in Turkey and Middle East M.C.Unlu
	Degenerative spondylolisthesis: MIS approach  Orso Osti	How do I perform a reproducible single bundle ACLR?	Nailing priorities in multiple injuries  Stephen Doig	Infected THR in India and Far East Haroon K. T. Raza
	Degenerative spondylolisthesis: open approach Chung Chek Wong	When do you need to perform an ALL reconstruction or extra-articular tenodesis  Andre Pontoh	PANEL DISCUSSION	Infected THR in New Zeaand and Pacific  Jean-Claude Theis
	DISCUSSION			

9.30AM-10.30AM

MELBOURNE ROOM 2

### **OPENING CEREMONY**

10.30am-11.00am MORNING TEA

11.00AM-12.30PM

MELBOURNE ROOM 2

### PLENARY LECTURES

Chairmen – Ted Mah, David Choon and Mahmut Nedium Doral

Anatomical Anterior Cruciate Ligament Reconstruction - a changing paradigm Freddie Fu

The scale of the problem of road trauma in Australia Peter Choong

Challenges in setting up a trauma unit in a developing country

Shanmugan Rajasekaran

Management of the complication of infection in orthopaedic trauma

Bruce Twaddle

12.30pm-1.30pm LUNCH

### 1.30PM-2.30PM

MELBOURNE ROOM 2	ROOM 203	ROOM 204	ROOM 210	ROOM 211
KNEE SYMPOSIUM THE DISLOCATING PATELLA Chairman – Hayden Morris	SPINE  MEET THE EXPERT: HOW TO MANAGE  DIFFICULT SPINE CASES  Chairman – TBC	JBJS JOURNAL SESSION  Chairman – TBC	SHOULDER FRACTURES  HEALTHY IGNORANCE OR AGGRESSIVE INTERVENTION  Chairman – Greg Hoy	ADVANCEMENTS IN COMPUTER TECHNOLOGY IN UPPER EXTREMITY SURGERY Chairman – M. Beppu
Anatomy and pathology associated with the dislocating patellae  Hayden Morris		Issues in scholarly publication in orthopaedic surgery – how to get your manuscript published why participate in the peer review process.  Presented by the editorial board of the Journal of Bone & Joint Surgery  Marc Swiontowski Editor-in-Chief JBJS and Eng Hin Lee	Non-operative care evidence base – Profher trial in UK, 2015 outcomes  Greg Hoy	TBC Clara Wong
Treatment of the acute patella dislocation Simon Talbot			Proximal humeral fractures: aetiology and the spectrum  Greg Bain	TBC Sunton Wongsiri

1.30PM-2.30PM

MELBOURNE ROOM 2	ROOM 203	ROOM 204	ROOM 210	ROOM 211
KNEE SYMPOSIUM THE DISLOCATING PATELLA Chairman – Hayden Morris	SPINE  MEET THE EXPERT: HOW TO MANAGE  DIFFICULT SPINE CASES  Chairman – TBC	JBJS JOURNAL SESSION  Chairman – TBC	SHOULDER FRACTURES  HEALTHY IGNORANCE OR AGGRESSIVE INTERVENTION  Chairman – Greg Hoy	ADVANCEMENTS IN COMPUTER TECHNOLOGY IN UPPER EXTREMITY SURGERY Chairman – Moroe Beppu
Osteotomies for recurrent patella dislocation  Chris Kondogianis			Scapular fractures Thin Hong	TBC Young Lae Moon
Medial Patello Femoral Ligament reconstruction  Julian Feller			IM nailing  Andy Wee Teck Huat	Feasibility of four-dimensional preoperative simulation for elbow debridement arthroplasty  Michiro Yamamoto
Dislocating patellae in the paediatric population  Mark O'Sullivan			ORIF (percutaneous and scope assisted) hemi-arthroplasty and reverse TSR Peter Poon	TBC Tsuyoshi Murase
Is trochleoplasty relevant in patella instabilities?  James Hui				
PANEL DISCUSSION Hayden Morris, Simon Talbot, Chris Kondogianis, Julian Feller, James Hui and Mark O'Sullivan				

2.30PM-3.30PM

MELBOURNE ROOM 2	ROOM 203	ROOM 204	ROOM 210	ROOM 211
KNEE SYMPOSIUM  THE DEMANDS PLACED ON THE ACL IN PROFESSIONAL FOOTBALL  – WHY THEY FAIL!  Chairman – Julian Feller	<b>SPINE</b> FREE PAPERS Chairman – TBC	FOOT AND ANKLE SYMPOSIUM THE 'NOT SO SIMPLE' ANKLE FRACTURE Chairman – Harvinder Bedi	SHOULDER SYMPOSIUM  ROTATOR CUFF MANAGEMENT  IN 2016  Chairman – TBC	ELBOW SYMPOSIUM  SOFT TISSUE AND BONE TRAUMA  ABOUT THE ELBOW  Chairmen – Jeff Hughes  and John Mukhopadhyay
Rugby M.Clatworthy	Comparative study between Coflex implantation and lumbar interbody fusion in treating degenerative lumbar spinal stenosis: 5-year clinical follow-up.  Liang Chiangxiang	Is it really a Weber B?  Sanjeev Gupta	Arthroscopic rotator cuff repairs  M.Evans	Distal humerus fractures: ORIF v. Hemi v. Total  Jeff Hughes
AFL Julian Feller	Clinical evaluation of the microendoscopic intrapedicular partial pediculotomy for lumbar intervertebral foraminal stenosis  Hideaki Iba	Posterior malleolus: how I do it  Andrew Oppy	Arthroscopic repair for large tears  Deepak Bhatia	Malunion management around the elbow  John Mukhopadhyay
Soccer Jose Huylebroek	Intraoperative spinal cord monitoring during spinal surgery for concurrent spinal stenosis  Yohhei Ide	What to do with the syndesmosis  Hiroaki Minehara	Options for the massive and irrepairable rotator cuff tear  Greg Bain	Radial head replacement indications for insertion and removal  Geoff Smith
Rugby league Merv Cross	Lumbar fusion with pedicle screws  Dato Kandiah Shanmugan Sivananthan	A PRT to compare closed IM nail and PC plate in treatment of distal metaphyseal fractures of the tibia  Jiong Jiong Guo	Celgro™ collagen smart graft for rotator cuff tendon repair: a cadaveric study Ming Hao Zheng	Role of acute surgery and ligament reconstruction in elbow instability  Greg Hoy
American football Freddie Fu	Surgical outcomes of single level posterior lumbar interbody fusion for lumbar spinal stenosis with adult spinal deformity Ryoji Yamasaki			Combined and complex elbow instabilities  Greg Bain
	Bone union rate of PLIF using local bone graft in long term bisphosphonate users  Si Young Park			Management of post-trauma elbows  Eugene Ek

3.30pm-4.00pm AFTERNOON TEA

4.00PM-5.30PM

MELBOURNE ROOM 2	ROOM 203	ROOM 204	ROOM 210	ROOM 211
ACL FREE PAPERS Chairman – TBC	GENERAL FREE PAPERS Chairman – Roger Paterson	FOOT AND ANKLE FREE PAPERS Chairman – TBC	SHOULDER FRACTURES FREE PAPERS Chairman: TBC	HAND AND WRIST FREE PAPERS Chairmen – Yuan-Kun Tu and Sait Ada
Are elite athletes different? The patellar tendon or hamstring graft for ACL reconstruction?  Greg Keene	The obesity epidemic  Roger Paterson	Dermatologic disorders involving the foot Ikbal Aydingoz	Shoulder girdle injuries: epidemiology and outcome Sandeep Kumar	Brachial plexus injury – from double FFMT to triple FFMT Yuan-Kun Tu
Comparison of tunnel placement and clinical outcome between trans-tibial and trans-portal technique in ACLR  Yoshitsugu Takeda	Obesity and surgical site infection in primary TKA  Christopher Wilson	Management of charcot joint in ankle and hindfoot. A prospective case series of 33 patients S.R.Sundararajan	Floating shoulder injury: outcome of non-operative treatment in poly-trauma patients  Sandeep Kumar	Ring avulsion injuries Sait Ada
Anterior cruciate ligament reconstruction of the knee using double bundle hamstring autograft. A 10 year post operative follow-up chart review from a previous prospective randomised controlled study  Peter Annear	High thigh tourniquet: a medical innovation for resource restricted countries  Samarth Mittal	Minimally invasive reconstructive surgery  Gordon Slater	Inferior angle of scapula fractures: a review of literature and evidence based treatment guidelines Nathan Eardley-Harris	A study on TFCC status after the healing of distal radius fracture with plate fixation  Margaret Fok
Exploring the high re-injury rate in young patients undergoing anterior cruciate ligament reconstruction  Julian Feller	Are orthopaedic residents concerned about radiation protection  Lawrence Edenino	Correction of ankle and foot deformities by Ilizarov ring fixator Rajendra Kumar Kanojia	Morphology of proximal humerus fractures Afsana Hasan	Minimum 10 year outcomes of radioscapholunate fusion, with and without distal scaphoidectomy and triquetrectomy  Ngoc Buu Hau
Implementation of a universal youth ACL prevention program in Australia: a cost benefit analysis Chris Vertullo	Systematic educational review and development of a programmatic approach to assessment for Australian orthopaedic surgical training lan Incoll	Minimally invasive management of severe ankle equinus  Yeok Pin Chua	Modified anterolateral approach for internal fixation of the Holstein-Lewis humeral shaft fractures  Jone Pil Kim	Acute traumatic fractures of the lunate: a systematic review  Meenalochani Shunmugam
Symptomatic tibial screw fixation in ACL reconstruction – a retrospective comparison  Luke Bursle	Some giants we revere  William Cumming	Autologus chondrocyte implantation for failed microfracture of ankle OCD  Seung Hwan Han	Analysis of proximal humerus fracture dislocations treated with locking plates  Vivek Trikha	Dorsal plating of unstable scaphoid fractures and non-union  Arthur Turow

4.00PM-5.30PM

MELBOURNE ROOM 2	ROOM 203	ROOM 204	ROOM 210	ROOM 211
ACL FREE PAPERS Chairman – TBC	<b>SPINE</b> FREE PAPERS Chairman – TBC	FOOT AND ANKLE  FREE PAPERS  Chairman – TBC	SHOULDER FRACTURES  FREE PAPERS  Chairman: TBC	HAND AND WRIST  FREE PAPERS  Chairmen – Yuan-Kun Tu and Sait Ada
		Ballooning osteolysis in 71 failed total ankle arthoplasties – hydroxyapatite as a risk factor? <b>Gurpal Singh</b>	Minimally invasive plate osteosynthesis using helical plate for metadiaphyseal complex fractures of the proximal humerus  Jungyu Moon	Autologous tenocyte injection for chronic refractory tendinopathy: from cell biology to clinical trials  Ming Hao Zheng
		Mechanical analysis of five methods of tibiotalar arthrodesis using screw fixation technique: a cadaveric study  Yeok Pin Chua		Extensor origin repair using knotless suture anchor for the treatment of recalcitrant lateral epicondylitis  Sagar Kakatkar
		Treatment of displaced intra-articular calcaneal fracture using anatomical locking plate  Chen Yan-Yu		
		Ultrasound-guided hyaluronic acid injection for the management of morton neuroma  Kang Lee		

5.30pm END OF DAY

### 8.00AM-9.00AM INSTRUCTIONAL COURSE LECTURES/ FREE PAPERS

MELBOURNE ROOM 2	ROOM 203	ROOM 204	ROOM 210	ROOM 211
SHOULDER INSTABILITY OPTIONS AND BEST PRACTISE Chairmen – Merter Ozenci and Greg Bain	SPINE CERVICAL SPINE TRAUMA Chairmen – Wong Hee Kit and Kwan Mun Keong	TRAUMA TIBIAL PLATEAU FRACTURES, EVALUATION AND TREATMENT Chairmen – Andrew Oppy and Virginia Cabling	FRACTURE NECK OF FEMUR  Chairman – TBC	FOOT AND ANKLE  ACHILLES TENDON RUPTURE,  TO REPAIR OR NOT TO REPAIR?  Chairmen – Mahmut N. Doral  and Bruce Twaddle
The anatomy and patho-anatomy of shoulder instability  Greg Bai	Updates on management of spinal cord trauma  Gabriel Liu	Bicolumnar plating for proximal tibial fractures – when and how?  Takashi Myamoto	Femoral neck fractures in young patients  N.Magu	
Arthroscopic stabilisation Richard Pag	Cervical spine injury in athletes Peter Wilde	Postero-medial plating – tips and tricks Frankie Leung	Finding new ideas on an old problem: predicting hip fracture type based on analysis of vitamin D-parathyroid hormone-calcium axis using database study of the patients with both hip fractures  Shyan Lii Goh	
New arthroscopic techniques in shoulder instability Deepak Bhati	Odontoid fractures: what are the options for treatment?  Shanmugan Rajasekaran	Treatment options in compound tibial plateau fractures  Ram Prabhoo	Results of hip protector for prevention of hip fractures in the elderly population  Rajesh Malhotra	
Open repairs and Latarjet <b>Greg H</b> o	The use of cervical pedicle screws in treatment of cervical trauma  Kuniyoshi Abumi	PANEL DISCUSSION	Non-simultaneous bilateral fragility hip fractures in the elderly Singapore population  Ernest Kwek	
Arthroscopic Latarjet <b>Ken Cutbus</b> i			Changes in the anatomical position of the superficial and deep femoral arteries during internal fixation of intertrochanteric neck of femur fracture  Adam Coughlan	
Arthroscopic treatment of para-labral cysts causing nerve compression  Merter Ozeno	i			

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9.30AM-10.30AM

MELBOURNE ROOM 2

### **PLENARY LECTURES**

Chairmen – Bogdan Solomon and Dato Kandiah Shanmugan Sivananthan

Universal access to safe, affordable and timely surgery
– progressing the WHA resolution 68/15 into reality by 2030

**David Watters** 

Cartilage repair: what is the current evidence?

Eng Hin Lee

MIS for thoraco-lumbar spine trauma

Arvind Jayaswal

10.30am-11.00am MORNING TEA

11.00AM-12.30PM

MELBOURNE ROOM 2	ROOM 203	ROOM 204	ROOM 210	ROOM 211
HIP SYMPOSIUM  STATE OF THE ART IN PRIMARY  AND REVISION THR  Chairman – Amjad Hossain	SPINAL TUMOURS  FREE PAPERS  Chairman – TBC	SCIENCE SYMPOSIUM THE PLACE OF CELL THERAPY IN 2016 Chairmen – Ming Zheng, James Hui and Dai	SHOULDER FREE PAPERS Chairman – TBC	PAEDIATRICS SYMPOSIUM  OSTEOARTICULAR INFECTIONS IN CHILDHOOD  Chairman – Leo Donnan
Changing trends in reasons for revision THR Richard de Steiger	Evaluation of scoring systems in patients with spinal metastases from lung cancer  Jonathan Tan	Pulsed electro-magnetic fields improve the effectiveness of micro-fracture for chondral defects of the knee  Leonardo Osti	Clinical tests for diagnosis of subscapularis tendon tears  Y.Takeda	Epidemiology of osteo-articular infections Michael To
Primary stems Surapoj Menkavin	The influence of histological sub-type in predicting survival of lung cancer patients with spinal metastases  Kimberley-Anne Tan	Cultured autologous bone marrow-derived mesenchymal stem cells versus autologous chondrocyte implantation for chondral defects in the knee: the 6-year follow up of an observational cohort study  Lin Wong Keng	The influence of labrum on osseous version and diameter – a glenoid morphometric study using magnetic resonance arthrograms  Joyce Antony	Mimics and differential diagnosis of osteo-articular infections  Leo Donnan
Primary cups Wilson Wang	New liaison treatment for metastatic spinal tumors with Minimally Invasive Spine Stabilization (MISt) Kazuo Nakanishi	Manufacture of human engineered tendon in an ex-vivo bioreactor system  Ming Hao Zheng	Change in capsular volume after scope Bankart repair with capsular shift: affecting factors and correlation with outcome  Seok Won Chung	Management of acute osteo-articular infections  Saw Aik
Revision stems Y-H. Kim	Minimally Invasive Spine Stabilization (MISt) in treating metastatic spine tumor  Kenji Kano	Local experience of PRP and stem cells in orthopaedic management  Josephine Yip	Randomised trial comparing role of injection Corticosteroid and injection PRP in subacromial impingement syndrome – an MRI based study Raje Amrut Diwakar	Management of sequelae of osteo-articular infection  Ashok Johari
Revision cups M.Takagi	Surgical treatment of primary sarcoma of the spine  Jae Woo Park		Risk factor for postoperative re-tear in arthroscopically-treated large/massive cuff tears  Hisao Shimokobe	
Enhanced recovery pathways in THR Suresh Sivananthan	Are the SINS and NOMS classifications useful in predicting the need for surgery in patients with metastatic vertebral body involvement?  Owen Jenkins		Complex regional pain syndrome after arthroscopic rotator cuff repair  Ryo Tanesue	

11.00AM-12.30PM

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HIP SYMPOSIUM  STATE OF THE ART IN PRIMARY  AND REVISION THR  Chairman – Amjad Hossain	SPINAL TUMOURS  FREE PAPERS  Chairman – TBC	SCIENCE SYMPOSIUM THE PLACE OF CELL THERAPY IN 2016 Chairmen – Ming Zheng, James Hui and Dai	SHOULDER FREE PAPERS Chairman – TBC	PAEDIATRICS SYMPOSIUM  OSTEOARTICULAR INFECTIONS  IN CHILDHOOD  Chairman – Leo Donnan
			Factors affecting clinical outcome in large/massive tears with postoperative intact cuff integrity  Hiroki Ohzono	
			Comparison between suture bridge technique with or without medial tying in rotator cuff tears Hirokazu Honda	
			Factors affecting clinical outcome in large/massive cuff tears with postoperative structural failure  M Gotoh	
12 30pm=1 30pm   LUNCH				

12.30pm-1.30pm LUNCH

1.30PM-3.30PM

MELBOURNE ROOM 2	ROOM 203	ROOM 204	ROOM 210	ROOM 211
HIP SYMPOSIUM HIP PRESERVATION TECHNIQUES Chairman – TBC	SPINE SYMPOSIUM  Chairmen – Kuniyoshi Abumi, Kenneth Cheung and Chung Jae Yoon	TRAUMA SYMPOSIUM/ FREE PAPERS  MANAGEMENT OF THE MULTIPLY INJURED PATIENT  Chairmen – Onder Aydingoz and Marinis Pirpiris	MEDICO-LEGAL SYMPOSIUM Chairmen – Stephen Doig and Andrew Tang	INFECTION FREE PAPERS Chairman – K.C.Mehta
Hip preservation for young adult patients in China Hong Zhang	KEYNOTE LECTURE  Spine surgery in the Asia-Pacific region: the past, present and future  Hiroshi Yamamoto	Damage control, how I do it  Hakan Kinik	The medico-legal experience from the other side  Julian Feller	No infections in 1300 anterior cruciate ligament reconstructions with vancomycin pre soaking of hamstring grafts  Chris Vertullo
Arthroscopic hip surgery for FAI John O'Donnell	THE AGEING SPINE – WHEN TO INTERVENE AND WHEN NOT TO	Early teatment in polytrauma, is it recommended?  Jamal Ashraf	Orthopaedic rumours  Sam Patten	The clinical predictions for musculoskeletal Tuberculosis (TB) infecti Nattakorn Paopongthong
Open FAI surgery H.C.Cheng	Osteoporotic vertical column compression fracture (OVCF): diagnosis and treatment  Kwan Mun Keong	PANEL DISCUSSION	The function of a professional services review committee  Michael Johnson	Immunomodulation in osteoarticular tuberculosis non responsive to standard anti tubercular therapy protocol  Dhanasekaraprabu
Revision FAI surgery TBC	Indications for fusion in elderly patients with lumbar spinal stenosis  Gabriel Liu	TRAUMA – FREE PAPERS Chairman – TBC	The expert witness  Michael Dooley	Is there a role for sonication in treating perirosthetic joint infections?  Rita Hameister
PAO Xiaodong Chen	Degenerative lumbar spinal stenosis: when is decompression alone adequate? Dato Kandiah Shanmugan Sivananthan	Avascular necrosis of the femoral head following intramedullary nailing of femoral shaft fractures  Ji Wan Kim	The role of an orthopaedic association  Andreas Loefler	Excellent outcome with modern porous metal cups for primary total hip replacement in patients with advanced tubercular arthritis  Deepak Gautam
Rotational osteotomies of the pelvis Hasegawa	Degenerative scoliosis: what to do and how to achieve a good result Michael Johnson	Intramedullary nailing in severely bowed femurs in atypical femur fractures: analysis with 3D printed model  Ji Wan Kim	Defensive medicine and litigation  Stephen Doig	One stage primary procedure of total hip replacement in patients with active tuberculosis infection of the hip joint  Dicky Mulyadi

1.30PM-3.30PM

MELBOURNE ROOM 2	ROOM 203	ROOM 204	ROOM 210	ROOM 211
HIP SYMPOSIUM HIP PRESERVATION TECHNIQUES Chairman – TBC	SPINE SYMPOSIUM Chairman – Chris Chan Yin Wei	TRAUMA SYMPOSIUM/ FREE PAPERS  TRAUMA – FREE PAPERS  Chairman – TBC	MEDICO-LEGAL SYMPOSIUM Chairmen – Stephen Doig and Andrew Tang	INFECTION FREE PAPERS Chairman – K.C.Mehta
Femoral osteotomies Remzi Tozun	APSS DEPUY SYNTHES FELLOWSHIP PRESENTATIONS APSS 2016 CLINICAL AND TRAVELLING FELLOWS	Indices affecting outcome of neglected femoral neck fractures after valgus intertrochanteric osteotomy  Daniel Viju Varghese	The perils of social media  Sara Bird	Results of use of autoclaved original component (AOC) technique in revision of infected total knee arthroplasty  Rajesh Malhotra
Complications following rotational acetabular osteotomy for dysplasia  Sunji Nakano		Management of comminuted posterior wall acetabular fractures using tricortical iliac crest graft: A case series  Sandeep Kumar		Management of chroic osteomyelitis with a big gap by the Masquelet technique  R.Y.Sina
Early results of modified colonna capsular arthroplasty for young patients with unilateral hip dislocation  Hong Zhang		Cerclage clamping using cerclage passer for reduction of quadrilateral plate fractures: a technical note with clinical results Ki Chul Park		The effectiveness and limitation of percutaneous suction aspiration and drainage in pyogenic spondylitis  Tsunemasa, Matsubara
		Evaluation of accuracy of patient specific pre-contoured plates in acetabular fracture fixation  Lalit Maini		
2 20-rs 4 00-rs AFTERNOON TEA		Management of Morel Lavallée lesion associated with pelvi acetabular fractures Vivek Trikha		

3.30pm-4.00pm AFTERNOON TEA

### 4.00PM-5.30PM **SYMPOSIUM/ FREE PAPERS**

MELBOURNE ROOM 2	ROOM 203	ROOM 204	ROOM 210	ROOM 211
HIP FREE PAPERS – THA Chairman – YP (Yin Peng) Low	SPINE FREE PAPERS Chairman – TBC	TRAUMA FREE PAPERS Chairmen – Andrew Oppy and Marinis Pirpiris	KNEE FREE PAPERS Chairman – Dato Badr S. Badruddin and Peter Annear	INFECTION SYMPOSIUM  CHALLENGES IN THE DIAGNOSIS  AND MANAGEMENT OF  ORTHOPAEDIC INFECTIONS  Chairman – TBC
Outcome of ratational acetabular osteotomy for dysplatic hip follow-up minimam 15 years Kan Sasaki	Surgery for spinal tuberculosis: a multi-center experience of 582 cases  Shah Alam	Treatment of type 3C open tibial fractures by micro-surgical procedures  Sait Ada	The patello-femoral pain syndrome  Dato Badr S. Badaruddin	What's new in the diagnosis and management of SSI in 2016
Retrospective studies of 14 cases during 1 year from July 2014–July 2015 in Khmer-Soviet Friendship Hospital  Meng Sok	Five year longitudinal MRI follow up of a population based cohort of subjects with ossified yellow ligament: a natural history study  Jason Pui Yin Cheung	A prospective randomised trial to compare the use of closed intramedullary nailing with the percutaneous plating in the treatment of distal metaphyseal fractures of tibia  Jiong Jiong Guo	Biological and clinical evaluation of intraoperative retention of autologous chondrocytes on type I/III collagen scaffold (Ortho-ACI™) for cartilage repair  Ming Hao Zheng	Focus on the immuno-compromised patient  Dato Kandiah Shanmugan Sivananthan
Transgluteal approach to the hip in the supine position and incidence of early dislocation in a prospective cohort study Royal Adelaide Hospital  Francis Ghan	Use of three column osteotomies in severe, rigid kyphotic spinal deformities  Bhavuk Garg	Distal tibia fracture osteosynthesis with minimal invasive surgery  Tzung-Shen Hung	Osteochondral autografts – mid term follow up results  Sachin Tapasvi	Is frozen section still relevant in 2016?
A prospective randomized clinical trial in total hip arthroplasty – comparing early results between the direct anterior approach and the posterior approach	A retrospective evaluation of haemodynamic management in acute spinal cord injury patients  Owen Jenkins	Management of complex non-union of long bones using Rail external fixator Latif Zafar Jilani	Partial anterior cruciate ligament knee reconstruction with accelerated anterior cruciate ligament rehabilitation: A retrospective study of patients after 2 years  Peter Annear	Update in biofilm research  H.K.T.Raza
Low wear of highly cross-linked polyethylene in primary total hip replacement at five years  Stuart Callary	Evaluation of neurological recovery following compressive pathologies affecting thoracic and lumbar spine  Yugal Karkhur	Crossbat (combined randomised and observational study of surgery for type B ankle fracture treatment): results of a multi-centre RCT Rajat Mittal	Diagnosis of concomitant anterolateral ligament and anterior cruciate ligament injuries in the knee: is MRI a valuable tool?  Brian Devitt	
Stability of cup-cage reconstruction with over-sized cups in acute THA for osteoporotic acetabular fractures  John Abrahams	Serum levels of the inflammatory cytokines in patients with lumbar radicular pain due to disc herniation  Kun Wang	A review of ATLS and trauma management with AO technique  M Amjad Hossain	The effect of cutting and repair of the anterolateral ligament and iliotibial band on tibial axial rotation  Tim Lording	

### 4.00PM-5.30PM FREE PAPERS/ SYMPOSIUM

MELBOURNE ROOM 2	ROOM 203	ROOM 204	ROOM 210	ROOM 211
HIP FREE PAPERS – THA Chairman – YP (Yin Peng) Low	SPINE FREE PAPERS Chairman – TBC	TRAUMA FREE PAPERS Chairmen – Andrew Oppy and Marinis Pirpiris	KNEE FREE PAPERS Chairman – Dato Badr S. Badruddin and Peter Annear	INFECTION SYMPOSIUM  CHALLENGES IN THE DIAGNOSIS  AND MANAGEMENT OF  ORTHOPAEDIC INFECTIONS  Chairman – TBC
Results of single stage bilateral cementless total hip replacement for bony ankylosis in patients with ankylosing spondylitis  Vijay Kumar		Floating Knee. A retrospective analysis of 33 cases in Trauma-Orthopedic Department (E1), Preah Kossamak Hospital  Dalik Ly	Closed loop versus open loop acl reconstruction: a prospective, double blind, randomized controlled trial  Kristine Italia	
Revision total hip arthroplasty Shunji Nakano		To determine the clinico-radiological outcome and the psychometric evaluation of surgically treated schatzker type V and type VI tibial plateau fractures at tertiary care trauma centre: a prospective study  Vijay Kumar Digge	Meniscal root tears: diagnosis, classification and treatment  Sachin Tapasvi	
Reliability of radiographic criteria to detect acetabular component loosening in revision total hip replacement  Young Sung Kim		Management of malunited tibial plateau fractures S R Sundararajan	Factors causing delayed diagnosis in acute proximal hamstring rupture  Peter Annear	
Treatment of pelvic dissociation at revision surgery using porous acetabular components and ilio-ischial cages: early RSA results  John Abrahams			Judet quadriceps-plasty for knee contracture Mofakhkharul Bari	

5.30pm END OF DAY

7.00PM

CONGRESS BANQUET

### 8.30AM-10.00AM

MELBOURNE ROOM 2	ROOM 203	ROOM 204	ROOM 210	ROOM 211
TRAUMA FREE PAPERS Chairman – TBC	<b>SPINE</b> CERVICAL SPINE FREE PAPERS  Chairman – TBC	<b>TKA</b> FREE PAPERS Chairman – Dato Badrul Shah Badaruddin	TUMOURS FREE PAPERS Chairman – TBC	PAEDIATRICS FREE PAPERS Chairman – TBC
A prospective study exploring the relationship between hip capsular thickness and joint hypermobility: Forewarned is forearmed Brian Devitt	Anterior Cx decompression, fusion and stabilisation by Cx plate and screw for traumatic lower Cx spinal injury  Sharif Ahmed Jonayed	Accelerated rehabilitation after TKR: experience of 5000 cases  K.C.Mehta	Intended and achieved surgical margins in sarcoma resection: a review into the effectiveness of a state-wide sarcoma service  Sam Shales	Prediction of peak growth and growth cessation using the distal radius and ulna classification  Jason Pu Yin Cheung
A novel method of assessing gastrocnemius tightness: intra and inter-observer reliability  Yeok Pin Chua	The accuracy of pedicle screw insertion in the spine: a retrospective comparative study by the CT-based navigation system versus ISO-C navigation system.  Kazuya Uchino	Sagittal osteotomy inclination in medial open- wedge high tibial osteotomy: anteriorinclined osteotomy frequency and influence on posterior tibial slope	Primary referral pathways for paediatric sarcomas: a ten year retrospective cohort study  Geraldine Goh	Factors responsible for redisplacement of paediatric forearm fractures treated by closed reduction and cast  Rajesh Arora
Intraoperative periprosthetic fractures during bipolar hemiarthroplasty – a review of incidences and risks factors Choon Chiet Hong	The efficacy and safety of additional posterior foraminotomy for Cx spondylotic myelo-radiculopathy  Jung-Ki Ha	Recovery expectations after TKR  G D Rajitha Gunaratne	GATA3 expression is a poor prognostic factor in soft tissue sarcoma  Toshiaki Haraguchi	Pathogenesis of radial longitudinal deficiency – ultrastructural analysis of connective tissue structures  Prakash Kotwal
Functional outcome of periprosthetic fracture of femur by Neer's criteria in primary total knee arthroplasty treated with condylar locking plate  Ammar Aslam Mohd	What is the fate of pseudarthrosis detected at 1 year after anterior Cx discectomy and fusion  Jae Hwon Cha	Study of intra-operative measurements of distal femur with respect to the femoral components in Indian patients undergoing TKA Jai Thilak	Combined use of free fascularized bone graft and extracorporeally-irradiated autograft for the reconstruction of massive bone and joint defects after resection of malignant tumor  Ryuta Iwanaga	Molecular diagnosis of osteogenesis imperfecta using targeted exome sequencing  Woo Young Jang
Periprosthetic fractures in frail, elderly patients using a novel minimally-invasive knee-spanning  Peter Smitham	The long-term surgical outcome after laminectomy with fusion for patients with multi-level Cx myelopathy  Kyung-Chung Kang	Combining the sulcus line and posterior condylar axis reduces femoral malrotation in total knee arthroplasty  Simon Talbot	Functional neuro-vascularized muscle transfer for oncological reconstruction of extremity sarcoma Muramatsu Keiichi	Late open reduction of DDH hip dislocations vs early treatment with Pavlik Harness – comparison at 5 years follow-up Vinay Kulkarni
Periprosthetic fractures after mega prosthetic reconstruction surgery for oncologic limb salvage surgery – a single centre experience of 31 patients over 13 years Gurpal Singh	Can C3 laminectomy reduce inter-laminar bony fusion and preserve Cx range of motion after Cx laminoplasty  Dong-Ho Lee	Correlation between posterior tibial slope and post-operative knee flexion and relationship between tibial tray rotation and functional outcome in TKR patients – CT based prospective study  Rajkumar Natesan	Extended curettage for grades II and III giant cell tumours (GCT) of the knee  Boopalan Ramasamy	Slipped capital femoral epiphysis in children under 10 years: clinical characteristics and efficacy of physis-sparing procedures  Mi Hyun Song

### 8.30AM-10.00AM

MELBOURNE ROOM 2	ROOM 203 ROOM 204 ROOM 210		ROOM 211	
TRAUMA FREE PAPERS Chairman – TBC	SPINE CERVICAL SPINE FREE PAPERS Chairman – TBC	TKA FREE PAPERS Chairman – Dato Badrul Shah Badaruddin	TUMOURS  FREE PAPERS  Chairman – TBC	PAEDIATRICS FREE PAPERS Chairman – TBC
Does bisphosphonate based anti-osteoporosis medication affect osteoporotic spinal fracture healing? Young-Hoon Kim		Influence of the type of fixation on the stability and bone mineral density changes around tibial component after total knee replacement Feisal Shah		Titanium elastic nails in the treatment of pediatric femur fractures – case series  P Chaudhary
Surgical patterns in osteoporotic vertebral compression fractures  Tanay Prabhoo		Comparison of patient-reported and objective functional outcome in PFC-Sigma total knee arthroplasty: posterior cruciate-retaining versus posterior stabilized versus mobile-bearing designs  Hiroaki Kanazawa		Effectiveness of physeal or subphyseal distraction osteogenesis for limb lengthening in atrophic-type congenital pseudarthrosis of the tibia (CPT) with high-risk factors  Woo Young Jang
		Can old dogs learn new tricks? A comparative audit of 50 consecutive cases of conventional total knee replacement against 50 consecutive cases of total knee replacement using a futuristic system  Wilson Lee		Treatment of congenital pseudoarthrosis of tibia and fibula with combined approach of periosteal flap and bone graft  Ming Wang
		Primary total knee arthroplasty on bone defect Fachry Tandjung		Limb reconstruction in tibial hemimelia  Mofakhkharul Bari
		Incidence of DVT in hip and knee replacement patients treated by only Aspirin and mechanical device – a prospective study of 825 patients  Natesan Rajkumar		A comparative study of management of idiopathic clubfoot by accelerated and standard ponseti methods  Mazhar Abbas



### 8.30AM-10.00AM

MELBOURNE ROOM 2	ROOM 203	ROOM 204	ROOM 210	ROOM 211
TRAUMA FREE PAPERS Chairman – TBC	CERVICAL SPINE FREE PAPERS Chairman – TBC	TKA FREE PAPERS Chairman – Dato Badrul Shah Badaruddin	TUMOURS  FREE PAPERS  Chairman – TBC	PAEDIATRICS  FREE PAPERS  Chairman – TBC
		A new classification to quantify the embolic load during total knee arthroplasty  Amit Singla		Use of serial castings in previously untreated idiopathic clubfoot among filipinos  Melchor Ang
		Better functional outcomes when total knee arthroplasty patients are sent home as compared to community hospitals Hiok Yang Chan		Management of clubfoot – high quality care in a low resource setting Muhammad Amin Chinoy

10.00am-10.30am MORNING TEA

10.30AM-12.00PM

### MELBOURNE ROOM 2

### PLENARY LECTURES

Chairmen – Kuniyoshi Abumi, Mark Clatworthy and Jamal Ashraf

Restoring sagittal balance to the spine: current thinking	Wong Hee Kit		
The place for partial knee replacement	Greg Keene		
The influence of trauma systems on health care delivery	M.Fitzgerald		
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Primary THR, how to achieve success	Don Howie		
12.00pm-1.00pm LUNCH			
1.00pm EXHBIITION CLOSES			

1.00PM-3.00PM

1.00PM=3.00PM					
MELBOURNE ROOM 2	ROOM 203	ROOM 204	ROOM 210	ROOM 211	
TRAUMA SYMPOSIUM ACETABULAR FRACTURES Chairman: Max Esser	SPINE SYMPOSIUM/ FREE PAPERS UNDERSTANDING EARLY ONSET SCOLIOSIS (EOS) Chairmen – Wong Chung Chek and Gabriel Liu	KNEE SYMPOSIUM  HOW TO ACHIEVE SOFT-TISSUE BALANCE AND ALIGNMENT IN TKA  Chairman – TBC	FOOT AND ANKLE ICL CALCANEAL FRACTURES – THE PLACE OF SURGERY AND OF MIS Chairman – Andrew Higgs	PAEDIATRICS SYMPOSIUM  CURRENT PERSPECTIVES ON  THE DIFFICULT ADOLESCENT HIP  Chairman – Mark O'Sullivan	
Overview of acetabular fractures in the elderly Robert Molnar	Bracing in EOS: when and how  Keith Luk Dip Kei	Soft tissue balance in limited surface arthroplasty  Mahmut Doral	MIS percutaneous screws  Andrew Higgs	Management of adolescent AVN  Jit Balakumar	
Outcome of ORIF for acetabular fractures in patients >60y.o  Pier Navarre	Conventional growing rods: indications, tips and tricks  Arvind Jayaswal	STB and kinematic analysis by robotic surgery  Ugur Haklar	Direct sub-talar approach  Geoff Tymms	Osteotomies for adolescent hip reconstruction  Bobby KW Ng	
Initial THR for acetabular fractures Bodgan Solomon	Anterior growth modulation in juvenile idiopathic scoliosis  Wong Hee Kit	How to achieve alignment and STB in TKA  Remzi Tozun	Extensile open approach  Harvinder Bedi	The outcome and application of sub-capital realignment for slipped epiphysis  Jit Balakumar	
ACETABULAR FRACTURES, SURGICAL TECHNIQUES Chairman: TBC	Magnetic growing rods: current updates  Kenneth Cheung	CAS anatomic tibia; balanced femur technique  Mark Clatworthy	PANEL DISCUSSION	Subcapital realignment of the hip: are we there yet  In Ho Choi	
Strategies and surgical decision making for management of complex acetabular fractures <b>Matthias Russ</b>					
Modified Kocher Langenbeck approach to preserve femoral head blood supply <b>N.Magu</b>	THORACIC AND LUMBAR SPINE FREE PAPERS Chairmen – Wong Chung Chek and Gabriel Liu	The key is femoral rotation Simon Talbot		Diagnosis of femoro-acetabular impingement  Makoto Kamegaya	
	Does scoliosis affect the lumbar spine T-score accuracy in the diagnosis of osteoporosis? A review of 6969 multi-racial Asian patients Chan Hiok Yan				

1.00PM-3.00PM

MELBOURNE ROOM 2	ROOM 203 ROOM 204 ROOM 210		ROOM 210	ROOM 211
TRAUMA SYMPOSIUM  PELVIC FRACTURES  Chairman – TBC	SPINE SYMPOSIUM/ FREE PAPERS FREE PAPERS Chairmen – Wong Chung Chek and Gabriel Liu	KNEE SYMPOSIUM TKR AND NEW TECHNOLOGY Chairman – Nicolwas Budhiparama	FOOT AND ANKLE ICL CALCANEAL FRACTURES – THE PLACE OF SURGERY AND OF MIS Chairman – Andrew Higgs	PAEDIATRICS SYMPOSIUM  CURRENT PERSPECTIVES ON  THE DIFFICULT ADOLESCENT HIP  Chairman – Mark O'Sullivan
25 years of advances in operative management of pelvic fractures  Syam Morpudi	Effect of posterior multilevel vertebral osteotomies on coronal and sagittal balance in fused scoliosis deformity caused by previous surgery  H J Kim	Computer navigation  Gavin Clark		Femoral head reduction osteotomy in coxa magna deformity surgery: primary result Zhang Hong
Severe pelvic fracture outcome study from Alfred and RM Hospitals and the Victorian Trauma System  Max Esser	Posterior hemivertebra resection with transpedicular instrumentation for congenital scoliosis at a single-center in Vietnam  Nam Vo	Bicruciate retaining TKA  Sugimoto		ORTHOPAEDIC MANAGEMENT OF CEREBRAL PALSY Chairman – Paulo Selber  Observational gait analysis and gait patterns Kerr Graham
PERI-PROSTHETIC FRACTURES  Chairman – TBC  Peri-prosthetic acetabular fractures  Max Esser	Pyogenic lumbar spondylodiscitis treated with posterior instrumentation and trans foraminal lumbar interbody fusion – feasibility, safety and outcomes  S Rajasekaran	Robotics E.K.Song		Growth abnormalities and management of the cerebral palsy hip  Tae-Joon Cho
Peri-prosthetic femoral fractures in THR Jacob Munro	Short segment screw fixation with transforaminal interbody fusion in treatment of unststable thoracolumbar burst fracture  Ngoc Quyen Nguyen	MIS in TKA  Hideo Matsumoto		Calf lengthening in cerebral palsy Paulo Selber
Can Vancouver B2 peri-prosthetic fractures be successfully treated by internal fixation without revision Peter Smitham	Characteristics of thoracolumbar spine injuries and risk factors for adverse outcomes in a New South Wales spine trauma referral centre Vinay Kulkarni			Management of crouch gait  Ben Joseph

1.00PM-3.00PM

MELBOURNE ROOM 2	ROOM 203	ROOM 204	ROOM 210	ROOM 211
TRAUMA SYMPOSIUM  PERI-PROSTHETIC FRACTURES  Chairman – TBC	SPINE SYMPOSIUM/ FREE PAPERS FREE PAPERS Chairmen – Wong Chung Chek and Gabriel Liu	KNEE SYMPOSIUM TKR AND NEW TECHNOLOGY Chairman – N.Budhiparama	FOOT AND ANKLE ICL CALCANEAL FRACTURES – THE PLACE OF SURGERY AND OF MIS Chairman – Andrew Higgs	PAEDIATRICS SYMPOSIUM ORTHOPAEDIC MANAGEMENT OF CEREBRAL PALSY Chairman – Paulo Selber
Docking nail for femoral peri-prosthetic fractures Shunji Nakano	Feasibility of Paraspinal Approach for the Management of Thorocolumbar Fractures S. Rajasekaran			Management of upper limb cerebral palsy  Josephine Yip
Peri-prosthetic femoral fractures around TKR Gregorio Azores				
Peri-prosthetic tibial fractures Nicolwas Budhiparama				
3.00pm-3.15pm REFRESHMENT BREAK				

3.15PM-4.15PM

MELBOURNE ROOM 2

### **PLENARY LECTURES**

Chairman – TBC

Stem cells for knee pathology in 2016

Early management of multi-ligamentous knee injuries

Bruce Twaddle

Ethics in Orthopaedics in 2016

Mahmut N Doral



4.15PM-5.15PM

MELBOURNE ROOM 2

### **CLOSING CEREMONY**

5.15pm FAREWELL DRINKS