

Opening Ceremony Programme





Wednesday, 18th November, 2009

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| 1700 hrs | PRE-OPENING REFRESHMENT
Venue: Level 3 Galleria Foyer, Grand Copthorne Waterfront |
| 1755 hrs | Guests to be seated |
| 1800 hrs | OPENING CEREMONY
President's Welcome address by Dr Peter Lee
Chairman, Organising Committee
President, Singapore Orthopaedic Association |
| 1810hrs | Signing of MOU for Collaboration Between Chapter of Orthopaedic Surgeons & SOA |
| 1820 hrs | Citation and introduction of 2009 SOA Lecturer, Prof Mitsuo Ochi by Dr Peter Lee

2009 SOA Lecture "Past, Present and Future of Cartilage Repair"
By Prof Mitsuo Ochi |
| 1855 hrs | Cocktail Reception |



Programme Details





**THURSDAY
19th NOVEMBER 2009**

Thursday, 19th November, 2009

0730 - 1700 hrs **REGISTRATION**
Venue: Level 4 Grand Ballroom, Foyer

2nd N BALACHANDRAN PROFESSORSHIP LECTURE
Chairman: Arjandas Mahadev
Time: 0800 - 0900 hrs
Venue: Level 4 Grand Ballroom 1, Grand Copthorne Waterfront

0800 – 0900hrs 50 years of Paediatric Sports Carl Stanitski

Symposium 1 - Cartilage Repair Clinical Results
Chairman: James Hui
Time: 0900 – 1000hrs
Venue: Level 4 Grand Ballroom 1, Grand Copthorne Waterfront

0900 – 0920hrs Ebm for Cell Based Therapy
Norimasa Nakamura

0920 – 0940hrs ACI Augmented with Stem Cell
Channarong Kasemkijwattana

0940 – 1000hrs Safety in Stem Cell Transplantation
Shigeyuki Wakitani

1000 – 1030hrs **TEA BREAK**

Symposium 2 - Cartilage Basic Science
Chairman: James Hui
Time: 1030 - 1200hrs
Venue: Level 4 Grand Ballroom 1, Grand Copthorne Waterfront

1030 – 1050hrs Porcine Model for Cartilage Repair: from Chondrocytes to Stem
Cells
Chang Chih-Hung

1110 – 1130hrs Use of PRP in Cartilage/Meniscus Repair Fact or Fiction
Norimasa Nakamura

1130 – 1150hrs Extracellular Matrix Modulation on Cartilage Tissue Engineering
Chang Chih-Hung

Thursday, 19th November, 2009

LUNCH SYMPOSIUM

Time: 1200 – 1300hrs

Venue: Level 4 Grand Ballroom 1, Grand Copthorne Waterfront

1200 – 1300hrs

LUNCH SYMPOSIUM

“ APOS Therapy – A Novel Therapeutic Approach That Reduces Load and Improves Gait Patterns in Patients with Knee OA”

By Dr Debi Ronen

Sponsored by APOS Singapore

Symposium 3 - Cartilage Disorders in Children

Chairman: James Hui

Time: 1300 – 1400hrs

Venue: Level 4 Grand Ballroom 1, Grand Copthorne Waterfront

1300 – 1315hrs

Sports injuries in Children from a Team Physician Perspective
JK Lim

1315 – 1330hrs

OCD - Controversy and Confusion
Carl Stanitski

1330 – 1345hrs

Treatment of OCD
Ted Ganley

Symposium 4 – Paediatric ACL Injuries

Chairman: James Hui

Time: 1400 – 1500hrs

Venue: Level 4 Grand Ballroom 1, Grand Copthorne Waterfront

1400 – 1415hrs

Assessment and Natural History
Carl Stanitski

1415 – 1430hrs

Treatment
Ted Ganley

1430 – 1445hrs

Response of Damaged of Cartilage in ACL Injury
Norimasa Nakamura

1445 – 1500hrs

Q&A

1500 – 1530hrs

TEA BREAK

Thursday, 19th November, 2009

FREE PAPER SESSION 1A (Paeds)

Chairman: Siow Hua Ming

Time: 1530 – 1709hrs

Venue: Grand Ballroom I, Level 4, Grand Copthorne Waterfront

- 1530 – 1536hrs** Correlation of Radiographic Features with Neurovascular Injury in Isolated Type III Extension Type Supracondylar Fracture in Paediatric Population in KKH between 2005-2008
Alex Teo
- 1536 – 1542hrs** Case Series of Morscher Osteotomy (Femoral Neck lengthening Osteotomy) Performed in a Major Paediatric Hospital in Australia
Alvin Pun
- 1542 – 1548hrs** Femoral Head Necrosis in an Elite Female Gymnast
Alvin Pun
- 1548 – 1554hrs** Percutaneous Versus Buried Wires for the Fixation of Fractures of the Lateral Humeral Condyle in Children. Is There a Difference in Outcome?
Chan Wai Mon Lester
- 1554 – 1600hrs** Unusual Patterns of the Injured Paediatric Elbow – Our Experienced Over the Last 3 Years
Elvin S.Lokino
- 1600 – 1605hrs** **DISCUSSION**
- 1605 – 1611hrs** An Update of the Management of Triplane Features: Our Experience
Roland WW Chong
- 1611 – 1617hrs** Functional Outcome in Conservatively Managed Juvenile Osteochondritis Dissecans of Talus: A Risk of Overtreating?
Lam Kai Yet
- 1617 – 1623hrs** Osteofibrous Dysplasia of the Tibia in a Young Adult Treated by Sofield Osteotomy
Lee Wei Ting
- 1623 – 1629hrs** Radial Complications Following Titanium Elastic Nail Insertion For Forearm Fractures
Reuben Soh

Thursday, 19th November, 2009

FREE PAPER SESSION 1A (Paeds)

Chairman: Siow Hua Ming

Time: 1530 – 1709hrs

Venue: Grand Ballroom I, Level 4, Grand Copthorne Waterfront

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|-----------------------|---|
| 1629 – 1635hrs | An Unusual Case of Posterior Hip Dislocation in a Young Racewalker: Possible Biomechanics and Clinical Implications
<i>Shyan Lii Goh</i> |
| 1635 – 1640hrs | DISCUSSION |
| 1640 – 1646hrs | The Epidemiology of Childhood Fractures in Singapore
<i>Siow Wei Ming</i> |
| 1646 – 1652hrs | Escalators, Rubber Clogs and Severe Foot Injuries in Children
<i>Tey Inn Kuang</i> |
| 1652 – 1658hrs | Gradual Correction of Severe Equines Deformities of the Article: A Comparison of Using the Ilizarov Apparatus and the Taylor Spatial Frame
<i>Thirukumaran Subramaniam</i> |
| 1658 – 1704hrs | The OS Subfibulare and its Implications on Brostrom Gould Repair for Patient's with Lateral Ankle Instability
<i>Timothy Teo</i> |
| 1704 – 1709hrs | DISCUSSION |

Thursday, 19th November, 2009

FREE PAPER SESSION 1B (Elective/Adult Reconstruction)

Chairman: Darren Tay

Time: 1530 – 1714hrs

Venue: Grand Ballroom II, Level 4, Grand Copthorne Waterfront

- 1530 – 1536hrs** Bi-Compartmental Versus Total Knee Arthroplasty for Primary Knee Osteoarthritis: Early Results of a Randomised Controlled Trial
Baclig Phillipe Yap
- 1536 – 1542hrs** Prediction of Sagittal Pelvic Rotation on Plain Pelvic Radiograph: A Comparison of 3 Methods in Cadaveric Pelvis
Chan Ping Keung
- 1542 – 1548hrs** Assessment of Bone Remodelling After Tibial Prosthesis Implantation – A Computational Modelling Study
Chong Yok Rue Desmond
- 1548 – 1554hrs** A 2 Year Follow-up Study on the Effect of a Novel Biomechanical Device and Treatment Methodology for Reduced Pain and Improved Function in Patients with Knee Osteoarthritis
Debi Ronen
- 1554 – 1600hrs** Arthroscopic ACL Reconstruction Using Quadriceps Tendon Graft, 14 Years Experience
Fawzy Mohamed Issa
- 1600 – 1605hrs** **DISCUSSION**
- 1605 – 1611hrs** Osteoarthritis 5 years After Anterior Cruciate Ligament Reconstructions – IKDC & Lysholm & Tegner Scores Can Predict Progression
Jonathan Tan
- 1611 – 1617hrs** Determinants and Outcomes of Peri-Prosthetic Infections: An Eight Year Clinical Review
Kevin Kok
- 1617 – 1623hrs** Arthroscopic Lateral Release: Is It an Effective Procedure in the treatment of Patellofemoral Joint Pain?
Kuo Chung-Liang
- 1623 – 1629hrs** Computer-aided Surgery in Total Knee Arthroplasty: Intra-Operative Computer Alignment Does Not Correlate with Post-Operative Radiographs
Puah Ken Lee

Thursday, 19th November, 2009

FREE PAPER SESSION 1B (Elective/Adult Reconstruction)

Chairman: Darren Tay

Time: 1530 – 1714hrs

Venue: Grand Ballroom II, Level 4, Grand Copthorne Waterfront

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|-----------------------|---|
| 1629 – 1635hrs | Early Clinical Outcome Study of RP-Flex Prosthetic Design in Patients Undergoing Total Knee Arthroplasty
<i>Sathappan S Sathappan</i> |
| 1635 – 1640hrs | DISCUSSION |
| 1640 – 1646hrs | Outcome of Unicompartmental Knee Arthroplasty in Patients with Severe Flexion Contracture and with Severe Varus Deformity
<i>Sunil Dhingra</i> |
| 1646 – 1652hrs | High Volume Knee Surgeons Achieve Better Clinical and Quality-of-Life Scores – Results of a Single Hospital Registry
<i>Tan Sok Chuen</i> |
| 1652 – 1658hrs | Computer Navigated Revision Total Knee Arthroplasty after High Tibial Osteotomy: A Case Series
<i>Tan Yijia Bryan</i> |
| 1658 – 1704hrs | Femoral Tunnel- Interference Screw Diversion Angle in Anterior Cruciate Ligament Fixation using Two Different Portals: A Comparative Study
<i>Vivek Pandey</i> |
| 1704 – 1709hrs | Management of Severe Varus and Valgus Knee Using LCS Rotating Platform Total Knee Arthroplasty
<i>Xie Yusen</i> |
| 1709 – 1714hrs | DISCUSSION |



**FRIDAY
20th NOVEMBER 2009**

Friday, 20th November, 2009

Donald Gunn Lecture

Chairman: Arjandas Mahadev

Time: 0800 – 0900hrs

Venue: Level 4 Grand Ballroom 1, Grand Copthorne Waterfront

0800 – 0900hrs

Donald Gunn Lecture

Citation on Donald Gunn Lecturer,

By Dr P Thiagarajan

Donald Gunn Lecture

“A Personal Journey from the Hip to the Foot”

By Prof Shamal Das De

N Balachandran Lecture

Chairman: Dr Arjandas Mahadev

Time: 0900 – 1000hrs

Venue: Level 4 Grand Ballroom 1, Grand Copthorne Waterfront

0900 – 1000hrs

N Balachandran Lecture

1000 – 1030hrs

TEA BREAK

1030 – 1200hrs

Young Orthopaedic Investigator Award (YOIA)

Venue: Level 4 Grand Ballroom 1, Grand Copthorne Waterfront

1200 – 1300hrs

LUNCH

Symposium 5 – Meniscus Injuries

Chairman: Arjandas Mahadev

Time: 1300 – 1400hrs

Venue: Level 4 Grand Ballroom 1, Grand Copthorne Waterfront

1300 – 1315hrs

Discoid Meniscus

Ted Ganley

1315 – 1330hrs

Meniscus Injuries in Young Athletics

Carl Stanitski

1345 – 1400hrs

Q&A



Symposium 6 – Patella Instability in Adolescents

Chairman: Arjandas Mahadev

Time: 1400 – 1500hrs

Venue: Level 4 Grand Ballroom 1, Grand Copthorne Waterfront

1400 – 1415hrs Assessment and Natural History

Carl Stanitski

1415 – 1430hrs Treatment

Theodore Ganley

1430 – 1445hrs Q&A

1500 – 1530hrs TEA BREAK

1800hrs SOA Banquet

Friday, 20th November, 2009

FREE PAPER SESSION 2A (Trauma)

Chairman: Dave Lee

Time: 1530 – 1714hrs

Venue: Grand Ballroom I, Level 4, Grand Copthorne Waterfront

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| 1530 – 1536hrs | Resurfacing Middle and Distal Third Tibia Defects: The Adipofascial Flap
<i>Anthony Foo</i> |
| 1536 – 1542hrs | Epidemiology and Clinical Outcomes of Patients with Sacral Fractures Admitted to a Tertiary Trauma Center
<i>Cheng Lin Kang</i> |
| 1542 – 1548hrs | Proximal Tibiofibular Dislocation: Case Studies and Discussion.
<i>Gregory John Ceccato</i> |
| 1548 – 1554hrs | Hand Injuries Seen at an Emergency Department in Singapore
<i>Hey Hwee Weng Dennis</i> |
| 1554 – 1600hrs | Operative Treatment of Acetabulum Fractures Involving the Medial Wall with Medial Wall Spring (MWS) Plate
<i>Kenon Chua Ser</i> |
| 1600 – 1605hrs | DISCUSSION |
| 1605 – 1611hrs | Predictors of Prolonged Length of Stay and Mortality in Hip Fractures Patients
<i>Lim Chin Tat</i> |
| 1611 – 1617hrs | Pre-operative ASA Scores and Their Correlation to Post-Operative Outcomes in Proximal Femoral Fractures in Elderly Population
<i>Lim Hui Ping Michelle</i> |
| 1617 – 1623hrs | Review of Proximal Femoral Nail Antirotation in Proximal Hip Fractures in Singapore
<i>Loo Wee Lim</i> |
| 1623 – 1629hrs | Epidemiology and Clinical Outcomes of Surgically Treated Intra-Articular Calcaneal Fractures
<i>Mark Tan</i> |
| 1629 – 1635hrs | Distally Pedicled Peroneus Brevis Muscle Flap: A Versatile Lower Leg and Foot Flap
<i>Ng Yeong Huei</i> |
| 1635 – 1640hrs | DISCUSSION |

Friday, 20th November, 2009

FREE PAPER SESSION 2A (Trauma)

Chairman: Dave Lee

Time: 1530 – 1714hrs

Venue: Grand Ballroom I, Level 4, Grand Copthorne Waterfront

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| 1640 – 1646hrs | One Stage Operation for Neglected Posterior Dislocation of the Shoulder by Allograft Reconstruction, Case Report
<i>Sedeek Mohamed Sedeek</i> |
| 1646 – 1652hrs | Is Early Fixation of Hip Fractures Beneficial?
<i>Shi Haiyuan</i> |
| 1652 – 1658hrs | The Use of the Frax Model to Review Osteoporosis Treatment in Singapore- Are We Overtreating Our Patients?
<i>Tan Kian Jin Devin</i> |
| 1658 – 1704hrs | The Effect of Intermitten Hypoxic Exposure on Fracture Healing in Rat Femur using Hypobaric Chamber
<i>Yogialamsa</i> |
| 1704 – 1709hrs | Hip Fractures – The Effect of The Type of Prosthesis on the Rate of Complications and Outcome of the Patient
<i>Yong Su-ern Jenica</i> |
| 1709 – 1714hrs | DISCUSSION |

Friday, 20th November, 2009

FREE PAPER SESSION 2B (Spine)

Chairman: Benedict Peng

Time: 1530 – 1709hrs

Venue: Grand Ballroom II, Level 4, Grand Copthorne Waterfront

- 1530 – 1536hrs** Bone Mineral Densitometry Trends Over a Period of 4 Years in Post-Menopausal Asian Women Undergoing Bisphosphonate Treatment
Ang Chia Liang
- 1536 – 1542hrs** A Novel Biomechanical Device Improves Gait Patterns in Patients with Chronic Non-specific Low Back Pain (nslbp)
Debi Ronen
- 1542 – 1548hrs** Results of a Matched Pair Analysis between a Single C5/6 Level ACDF with Plates and Cage vs. Cervical Disc Replacement (Prestige) in a Cohort of Patients Aged Between 40-50 years of age
Low Mun Hon / Andy Yew
- 1548 – 1554hrs** Sacroiliitis-the Great Masquerader: Our Experience with Diagnosis and Treatment
Jehan Joethy
- 1554 – 1600hrs** Results of Surgical Correction of Large Curve (cobb angle > 70°) in Adolescent Idiopathic Scoliosis
Keith Lee
- 1600 – 1605hrs** **DISCUSSION**
- 1605 – 1611hrs** Sodium Fluoride Pet/Ct: New Application of a Bone Specific Tracer
Kenneth Sheah
- 1611 – 1617hrs** Outcome of Artificial Disc Replacement in Lumbar Spine: A Single Institution Experience
Kinjal Vidyut Mehta
- 1617 – 1623hrs** Clinical Outcome of Single Level Lumbar Artificial Disc Replacement Compared with Interbody Fusion
Lee Wei Ting
- 1623 – 1629hrs** The Effectiveness of Physiotherapy on Patients with Degenerative Cervical Spine Conditions
Hey Hwee Weng Dennis

Friday, 20th November, 2009

FREE PAPER SESSION 2B (Spine)

Chairman: Benedict Peng

Time: 1530 – 1709hrs

Venue: Grand Ballroom II, Level 4, Grand Copthorne Waterfront

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|-----------------------|--|
| 1629 – 1635hrs | A Prospective Cohort Study: Incidence of Deep Vein Thrombosis in Patients Undergoing Spinal Surgery
<i>Mizan Marican</i> |
| 1635 – 1640hrs | DISCUSSION |
| 1640 – 1646hrs | Prevalence of Erectile Dysfunction in Patients under 50 years of Age Undergoing Surgery for Lumbar Spine Disease without Concomitant Risk Factors - A Prospective Study
<i>Mohd Mashfiqul Arafin Siddiqui</i> |
| 1646 – 1652hrs | Treatment of Degenerative Cervical Disc Disease with the Discover Cervical Disc Prosthesis - Intermediate Results
<i>Ramesh S/O Subramaniam</i> |
| 1652 – 1658hrs | Clinical Outcomes of Patients Surgically Treated for Cervical Myelopathy: a 2 years Retrospective Study
<i>Seng Chusheng</i> |
| 1658 – 1704hrs | Experience with the Use of Acupuncture in Acute Musculo-Skeletal Pain in the Neck and Back.
<i>Yeo Khee Quan</i> |
| 1704 – 1709hrs | DISCUSSION |



**SATURDAY
21st NOVEMBER 2009**

Saturday, 21st November, 2009

Debate - Osteoarthritis: Biological or Artificial

Time: 0800 - 0900hrs

Venue: Level 4 Grand Ballroom 1, Grand Copthorne Waterfront

Symposium 7 – Patello-Femoral Pathology

Chairman: Siow Hua Ming

Time: 0900 - 1000hrs

Venue: Level 4 Grand Ballroom 1, Grand Copthorne Waterfront

0900 - 0915hrs

Resurfacing the Patello-Femoral Joint
James Hui

0915 – 0930hrs

Natural History of Patello-Femoral Dysplasia
Carl Stanitski

0930 – 0945hrs

Minimally Invasive Ways of Treating Patello – Femoral Pathology
Saw Khay Yong

1000 – 1030hrs

TEA BREAK

Saturday, 21st November, 2009

FREE PAPER SESSION 3A

Chairman: Goh Seo Kiat

Time: 1030 - 1146 hrs

Venue: Grand Ballroom I , Level 4, Grand Copthorne Waterfront

- 1030 – 1036hrs** Recurrent Admissions for Diabetic Foot-Related Complications – Factors and Prevention
Ang Chia Liang
- 1036 – 1042hrs** East-West Cross-Cultural Validation of Survival Prognostication Normogram to Decide on Most Appropriate Surgical Procedure in Bone Metastasis
Chan Wai Mon Lester
- 1042 – 1048hrs** A Novel Biomechanical Device Improves Gait Patterns and Clinical Measurements in Patients with Knee OA
Debi Ronen
- 1048 – 1054hrs** A Novel Biomechanical Device Improves Gait Patterns and Limb Symmetry in Patients Following Unilateral Total Knee Replacement
Debi Ronen
- 1054 – 1100hrs** Reconstruction of Acetabulum with Severe Bone Deficiency with Revision Hip replacement, Developmental Dysplasia and Trauma Using a Modular Cage System and Compression Impaction Grafting
Fawzy Mohamed Issa
- 1100 – 1105hrs** **DISCUSSION**
- 1105 – 1111hrs** Management of Adult Achondroplasia Periprosthetic Fractures – A Diagnostic and Therapeutic Challenge
Joel Ho
- 1111 – 1117hrs** Distal Radius Fractures – Our Experience with 375 cases
Kevin Koo
- 1117 – 1123hrs** Comparison of Radiological and Clinical Outcomes of Anterior Cervical Discectomy and Fusion using Autograft and Allograft
Kuo Chung-Liang
- 1123 – 1129hrs** Surgical Hand Antisepsis - Providone Iodine Hand Scrub Versus Alcohol-based Chlorhexidine Gluconate Hand Rub
Lai Kah Weng

Saturday, 21st November, 2009

FREE PAPER SESSION 3A

Chairman: Goh Seo Kiat

Time: 1030 - 1146 hrs

Venue: Grand Ballroom I , Level 4, Grand Copthorne Waterfront

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| 1129 – 1135hrs | Subacromial/subdeltoid Bursitis with Giant Rice Bodies Formation as Initial Presentation of Rheumatoid Arthritis – A Case Report
<i>Lee Keng Thiam</i> |
| 1135 – 1141hrs | The Use of Proximal Femoral Locking Plate in Complex Proximal Femur Fractures - A Clinical Experience
<i>Lee Wei Ting</i> |
| 1141 – 1146hrs | DISCUSSION |

Saturday, 21st November, 2009

FREE PAPER SESSION 3B

Chairman: Andy Wee

Time: 1030 - 1146hrs

Venue: Grand Ballroom II, Level 4, Grand Copthorne Waterfront

- 1030 – 1036hrs** Hip Osteoarthritis Secondary to Septic Arthritis in an Intravenous Buprenorphine Abuser Requiring Hip Resurfacing – A Case Report and Current Literature Review
Liang Zhen Chang
- 1036 – 1042hrs** Do High-Flexion Designs Optimize Knee Range of Motion Following total Knee Arthroplasty?
Marc Ong Weijie
- 1042 – 1048hrs** Autologous Chondrocyte Implant: Review of 8 Patients
Mark Tan
- 1048 – 1054hrs** Charcot Osteoarthropathy of the Foot and Ankle; A Surgical Treatment Algorithm
Mizan Marican
- 1054 – 1100hrs** Subtalar Arthroscopy: Results of a Single Centre Prospective Study
Mohd Mashfiqul Arafin Siddiqui
- 1100 – 1105hrs** **DISCUSSION**
- 1105 – 1111hrs** Tibiotalocalcaneal Arthrodesis: A Retrospective Study.
Ng Yung Chuan Sean
- 1111 – 1117hrs** Total Hip Arthroplasty in Patients with Chronic Autoimmune Inflammatory Arthroplasties
Roland Chong
- 1117 – 1123hrs** Arthroscopic Revision Surgery Following Open Bankart Repair
Sedeek Mohamed Sedeek
- 1123 – 1129hrs** Use of Pedobarograph in Subtalar Arthroereisis for Flat Foot
Thirukumaran Subramaniam
- 1129 – 1135hrs** The Incidence of Deep Vein Thrombosis Following Total Hip Arthroplasty
Wong Keng Lin Francis

Saturday, 21st November, 2009

FREE PAPER SESSION 3B

Chairman: Andy Wee

Time: 1030 - 1146hrs

Venue: Grand Ballroom II, Level 4, Grand Copthorne Waterfront

1135 – 1141hrs Improved Knee Scores with Computer Aided Gap Balancing in Total Knee Arthroplasty - 2 Year Results of a Randomized Control Trial

Pang Hee Nee

1141 – 1146hrs **DISCUSSION**

1200 **LUNCH/END OF MEETING**