2nd Announcement

Theme:
REGISTRIES & STANDARDS

Venue:
Hilton Kuala Lumpur / Le Méridien Kuala Lumpur

Date:
29th May to 1st June 2014

Supported By
Platinum Sponsor
Johnson & Johnson

Gold Sponsor
stryker

Incorporating
11th CAOS Asia Meeting 2014
Malay is the principal language spoken in Kuala Lumpur, but most people speak English as well. This bustling city is home to Malay, Indian, Chinese and many other ethnic groups living together in peace and harmony.

Kuala Lumpur’s Chinatown features antique markets, shops and food stalls while Little India offers exotic flower stalls as well as authentic Indian-Muslim and Malay traditional wears.

One of the greatest pleasures in Kuala Lumpur is to indulge in our local cuisine. The cuisine ranges from Nyonya selection, to Indian curries, Malay desserts and Chinese dim sums. A variety of dishes can be easily found in hawker stalls, restaurants and high-end bistros.

Kuala Lumpur is hailed as the ‘Garden City of Lights’ for its numerous parks and tree-lined avenues. Most of these tropical enclaves are situated near the city centre and can be accessed easily. The KL Lake Gardens, also known as Perdana Botanical Gardens is the city’s premier park. It is also home to the Orchid & Hibiscus Garden, Deer Park, KL Butterfly Park and KL Bird Park. For those seeking for adventure, head over to Bukit Nanas Forest Reserve – the only permanent forest reserve in the heart of KL. Experience the 70-metre boardwalk or join a guided tour to take a closer look at our tropical rainforest.

One of Kuala Lumpur’s greatest charms is her ability to combine the modern with the historical. The city’s steady growth and high-tech flair is underscored by her most famous sight: the Petronas Twin Towers that stands at a height of 451.9m in the heart of Kuala Lumpur. The 88-storey building features glass and steel on the outside, and a traditionally-inspired interior, reflecting Malaysia’s aspirations in moving forward while maintaining her national identity. Kuala Lumpur also retains her heritage, as seen in places like the ancient, sacred Batu Caves and the Moorish-style architecture of landmark buildings such as the Sultan Abdul Samad Building.
MESSAGE FROM
PRESIDENT OF MOA

Dear MOA Members, Colleagues and Industry Partners,

On behalf of Malaysian Orthopaedic Association and the Organising Committee, I invite you to the 44th Malaysian Orthopaedic Association Annual Scientific Meeting 2014.

The theme of the 2014 meeting is REGISTRIES & STANDARDS. We believe that this is close to the heart of each and every one of our members and colleagues. In light of the current economic and healthcare environment we are all practising in and the criticisms we sometimes face by the less well-informed, we feel that this is an opportune time for this theme.

It is easy to say we do the best possible treatment for our patients, but to prove it to our patients, third party payers, health economists, our colleagues, and especially to ourselves, we must invest time and effort in measuring our work. This involves using registries to maintain accurate records and this will help us to maintain standards by choosing the next possible intervention, or non-intervention in our own local environment.

I am sure that we can then prove to all concerned the important role we orthopaedic surgeons play and the benefit we bring to the health of our patients and the nation. We hope to see everyone participating and engaging in active discussion during the sessions that will undoubtedly ensue! We will continue to have in the meeting scientific sessions which will include plenary lectures and interactive symposia. I look forward to our in-training Masters' candidate orthopaedic surgeons and researchers presenting free papers and posters for the prestigious Mahmood Merican Best Masters Thesis Awards; Best Basic Science Poster Award; Subir Sengupta Best Published Clinical Paper Award and P. Balasubramaniam Best Published Translational Medicine Paper Award.

The structure of the 2014 meeting will also see a concurrent session dedicated for our associate members of nurses and medical assistants.

I have the pleasure of announcing that Computer Assisted Orthopaedic Surgery (CAOS) Asia will be joining our meeting. They will hold concurrent sessions during our conference and we thank Prof Dr David Choon for bringing CAOS Asia on board.

There is much to look forward to in our upcoming meeting. Look out for updates of the 2014 meeting in our website www.moa-home.com.

We look forward to an interactive and constructive meeting with everyone.

Yours sincerely,

DR GOBINDER SINGH
President of Malaysian Orthopaedic Association

MESSAGE FROM
ORGANISING CHAIRMAN OF CAOS ASIA

Welcome to the 11th CAOS Asia! Since the inaugural meeting in India in 2004, this annual meeting of Asia's finest aficionados of computer assisted surgery has been held in many different Asian capitals and now it is the turn of Kuala Lumpur. As Malaysians we like to think of ourselves as highly representative of all of the Asia-Pacific region due to our diverse population that originates from all corners of the Asian and Australasian continents. This has arisen from the central location of Malaysia on ancient sea trade lanes and now also modern air routes where Kuala Lumpur International Airport is almost equidistant from Sydney, Tokyo and Dubai in terms of flight time. Our local food is truly a unique blend of all cultures and incredibly rich and varied.

This year’s programme covers not only joint replacement but also spine, trauma and tumor surgery using computerised guidance systems. Pre-eminent speakers from the Asia Pacific region will be complemented by our diaspora in the West. In addition, the meeting will be held concurrently with the Malaysian Orthopaedic Association's 44th Annual Scientific Meeting which is always well attended and a great forum for interchange of ideas and learning. We have arranged for a single registration to cover both meetings to give our delegates the best coverage of topics. Please come and spend time at Hilton & Le Meridien Kuala Lumpur, the conference venue. It is centrally located within the historic zone of the city and there are extensive connections to the busy city centre and the airport.

Regards,

PROF DR DAVID CHOON SIEW KIT
Organising Chairman
11th CAOS Asia Meeting 2014
MALAYSIAN ORTHOPAEDIC ASSOCIATION

OFFICE BEARERS 2013/2014

President
Dr Gobinder Singh

President-Elect
Assoc Prof Dr Azlina Amir Abbas

Immediate Past President
Dr Faris Kamaruddin

Hon Secretary
Dato’ Dr Badrul Shah Badaruddin

Hon Treasurer
Dato’ Dr Azmi Baharudin

Council Members
Datuk Dr Mohd Asri Abd Ghapar
Assoc Prof Dr Ng Wuey Min

Auditors
Prof Dr David Choon Siew Kit
Dr Abdul Malik Hussein

44th MOA ANNUAL SCIENTIFIC MEETING

ORGANISING COMMITTEE

Organising Chairman
Assoc Prof Dr Azlina Amir Abbas

Scientific Chairman
Prof Dr Vivek Ajit Singh

AV Committee
Dr Chan Chee Ken

Scientific Committee
Section Heads

Spine
Dr Abdul Malik Hussein

Trauma
Dr Chua Yeok Pin

Hand
Prof Dr Sharifah Roohi Syed Waseem Ahmad

Foot & Ankle
Dr Low Tze Choong

ORP
MA Taram Singh Walia

Sports
Dr Shamsul Iskandar Hussein

Orthopaedic Research
Prof Dr Tunku Kamarul Zaman

Oncology
Prof Dr Vivek Ajit Singh

Paediatrics
Dr Roshan Gunalan

Golf
Dr. Abdul Hadi Husin

11th CAOS Asia MEETING

ORGANISING COMMITTEE

Organising Chairman
Prof Dr David Choon Siew Kit

President
Prof Dr Peter FM Choong, Melbourne, Australia.

Scientific Chairman
Dr Sureshan Sivananthan
INTERNATIONAL

Assoc Professor Dr Aasis Unnanuntana
Thailand

Dr Anoop Jhurani
India

Dr Ashish Babhulkar
India

Assoc Prof Dr Aziz Nather
Singapore

Dr Chumroonkiet Leelasestaporn
Thailand

Dr Ed Marel
Australia

Dr Edward Wang
Philippines

Assoc Professor Dr Henry Ahn
Canada

Dr J Maheshwari
India

Dr Jerzy (George) Sikorski
Australia

Professor Dr John Fairclough
United Kingdom

Dr Jose Antonio San Juan
Philippines

Dr Kamal Deep
United Kingdom

Assoc Professor Dr Keerati Chareancholvanich
Thailand

Professor Dr Lee Eng Hin
Singapore

Professor Dr Leung Kwok Sui
Hong Kong

LOCAL

Dr Abdul Malik Hussein
Professor Dr Abdul Razak Sulaiman
Agilan Veerasingam
Aniza Othman
Col (R) Dr Azmi Abdul Latif
Dr Chua Yeok Pin
Dr Devamalar Selvi Naicker
Dr Hasniza Zaman Huri
Dr Hishamudin Masdar
Assoc Professor Dr Ivy Chung
Dr Khaizul Faizi Muhammad
Dr Low Tze Choong
Maheinthra Kumar Pushpanathan
Manimaran Nadarajah
Professor Dr Mohammad Hassan Shukur

Assoc Professor Ir Dr Mohammed Rafiq Dato’ Abdul Kadir
Rajendran Krishnan
Ramesh Prasath Mahatan Raj
Professor Dr Saw Aik
Dr Shamsul Iskandar Hussein
Dato’ Dr K S Sivananthan
Dr Sureshan Sivananthan
Dr Suzita Mohd Noor
Professor Dr Tunku Kamarul Zaman
Professor Ir Dr Wan Abu Bakar Wan Abas
Wilson Perianayagam
Dr Wong Pooi Fong
Dr Yeap Ewe Juan
Dato’ Dr Zulkiflee Osman
### Programme Overview

<table>
<thead>
<tr>
<th>Time</th>
<th>Thursday 29th May 2014</th>
<th>Friday 30th May 2014</th>
<th>Saturday 31st May 2014</th>
<th>Sunday 1st June 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Start</td>
<td>End</td>
<td>Start</td>
<td>End</td>
<td>Start</td>
</tr>
<tr>
<td>0700</td>
<td>0730</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0730</td>
<td>0800</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0800</td>
<td>0830</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0830</td>
<td>0900</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0900</td>
<td>0930</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0930</td>
<td>1000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1000</td>
<td>1030</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1030</td>
<td>1100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1100</td>
<td>1130</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1130</td>
<td>1200</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1200</td>
<td>1230</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1230</td>
<td>1300</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1300</td>
<td>1330</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1330</td>
<td>1400</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1400</td>
<td>1430</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1430</td>
<td>1500</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1500</td>
<td>1530</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1530</td>
<td>1600</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1600</td>
<td>1630</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1630</td>
<td>1700</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1700</td>
<td>1730</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1730</td>
<td>1800</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1800</td>
<td>1830</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1830</td>
<td>1900</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1930 onwards</td>
<td></td>
<td>REGISTRATION COUNTER OPENS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Workshop 5**
- **Opening Ceremony**
- **Subir Sen Gupta Lecture**
- **Opening Keynote Lecture**
  - Maintaining Standards of Excellence in an Ever-Changing Environment by Tan Sri Dato’ Dr. P. K. Yong, Royal Selangor
- **Plenary 1 - REGISTRIES**
  - Establishing a National Arthroplasty Registry by Dr Ed Marel & Challenges in Managing Registries by Dr Simon Carter
  - Best Published Paper Award
  - Best Basic Science Poster Award

**Workshop 6**
- **Best Published Paper Award Presentations**
- **Best Basic Science Poster Award Presentations**
  - Best Published Paper Award Presentations
  - Best Basic Science Poster Award Presentations

**Workshop 7**
- **Keynote Lecture**
- **Plenary 2 - STANDARDS**
  - Setting Standards in Orthopaedic Postgraduate Education in ASEAN - Working Towards A Common Ground by Professor Lee Eng Hin

**Workshop 8**
- **Interest Group Meeting**
  - Sports
  - CAOS Knee
  - Inter Group Meeting - Paeds
  - Spine
  - CAOS Trauma
  - Orthopaedic Research 1
  - Inter Group Meeting - Oncology
  - Foot & Ankle
  - ORP 2
  - Interest Group Meeting Room Available

---

**Sunday 1st June 2014**
- **Interest Group Meeting Room Available**
- **Lunch Symposium**
- **Break for Friday Prayers / Lunch & Exhibit Visit**
- **Best Basic Science Poster Award Judging**
- **Best Published Paper Award Presentations**
- **Mahmood Merican Award Judging**
- **Interest Group Meeting**
  - Sports
  - Foot & Ankle
  - Arthroplasty

---

**Sunday 1st June 2014**
- **Interest Group Meeting**
  - Oncology
  - ORP 1
  - Interest Group Meeting Room Available

---

**Sunday 1st June 2014**
- **Lunch Symposium (Astra Zeneca)**
- **Inter Group Meeting - Orthopaedic Research**
- **Lunch & See You in 2015!**

---

**Sunday 1st June 2014**
- **Breakfast Symposium (Servier)**
- **Interest Group Meeting - Cancer & Orthopaedic Oncology**
- **Interest Group Meeting - Foot & Ankle - Arthroplasty**
- **Interest Group Meeting - Oncology**
- **Interest Group Meeting - Orthopaedic Research**
- **Interest Group Meeting - Sports**
- **Break for Friday Prayers / Lunch & Exhibit Visit**
- **Lunch Symposium**
- **Breakfast Symposium (Servier)**
- **Interest Group Meeting - Cancer & Orthopaedic Oncology**
- **Interest Group Meeting - Foot & Ankle - Arthroplasty**
- **Interest Group Meeting - Oncology**
- **Interest Group Meeting - Orthopaedic Research**
- **Interest Group Meeting - Sports**
- **Lunch Symposium**
<table>
<thead>
<tr>
<th>Time</th>
<th>Room</th>
<th>Lecture Hall 1</th>
<th>Lecture Hall 2</th>
<th>Sentral Exchange Room</th>
<th>Meeting Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>0700</td>
<td></td>
<td></td>
<td>REGISTRATION COUNTER OPENS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0800</td>
<td></td>
<td></td>
<td>Subir Sengupta Memorial Lecture</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0830</td>
<td></td>
<td></td>
<td>Plenary 1 : REGISTRIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Establishing A National Arthroplasty Registry by Dr Ed Marel</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>&amp; Challenges In Managing Registries by Dr Simon Carter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0900</td>
<td></td>
<td></td>
<td>Opening Ceremony</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0930</td>
<td></td>
<td></td>
<td>Keynote Lecture</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Maintaining Standards Of Excellence In An Ever Changing Environment</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>By Tan Sri Datuk Yong Poh Kon, Royal Selangor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1100</td>
<td></td>
<td>SPORTS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Hip Arthroscopy - An Introduction</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Disorders Of Patello Femoral Joint</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• The ACL Registry - The Philippines Experience</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1230</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1300</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1330</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1430</td>
<td></td>
<td>CAOS KNEE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• CAS Knee - Is It An Advantage?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Knee Arthroplasty - Computer Aided vs PSI</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Uniknee - The Role Of CAS / Robotics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• CAS Knee - Newer Developments</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Robotic TKR - Where Are We In 2014?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Challenges In Knee Arthroplasty</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1600</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1630</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1700</td>
<td></td>
<td>PAEDIATRIC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Paediatric Orthopaedics In ASEAN - Challenges Of Care</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Update On Safe Surgical Dislocation Of The Hip</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Latest Updates In Surgical Management Of Perthes Disease</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Acute Correction Of Juvenile Blount's Disease</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1800</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1930</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

President’s Dinner (By Invitation Only)
### Day 2 Programme
#### 31st MAY 2014

<table>
<thead>
<tr>
<th>Start</th>
<th>End</th>
<th>Lecture Hall 1</th>
<th>Lecture Hall 2</th>
<th>Lecture Hall 3</th>
<th>Meeting Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>0700</td>
<td>1800</td>
<td>REGISTRATION COUNTER OPENS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0800</td>
<td>0830</td>
<td>Breakfast Symposium (Servier)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0830</td>
<td>0900</td>
<td>Best Basic Science Poster Award Judging</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0900</td>
<td>0930</td>
<td>Best Published Paper Award Presentations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0930</td>
<td>1030</td>
<td>Mahmood Meric Award Judging</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1030</td>
<td>1100</td>
<td>Tea &amp; Exhibit Visit</td>
<td>Gastroenterology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1100</td>
<td>1230</td>
<td>SPINE Case Discussion</td>
<td>CAOS Trauma - Where We Are Today</td>
<td>ORTHOPAEDIC RESEARCH</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• New Frontiers In Tendon Research</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Current Concepts In cartilage And Bone Repair</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Does Bone Oedema Exist?: Myths And Management Of Isolated Chondral Defect</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Basic Science And Current Concepts In Osteoporosis Management</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Collaboration In Orthopaedic Research</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Gene Expression Of BMPs - Histomorphometry &amp; Osteoinductive Growth Factor Levels Of Fracture Callus vs. Iliac Crest Bone Grafts</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Stem Cell Update – Where Are We In 2014</td>
<td></td>
</tr>
<tr>
<td>1200</td>
<td>1300</td>
<td>Lunch Symposium (Astra Zeneca)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1300</td>
<td>1400</td>
<td>Lunch &amp; Exhibit Visit</td>
<td>Gastroenterology</td>
<td>ORTHOPAEDIC RESEARCH</td>
<td></td>
</tr>
<tr>
<td>1400</td>
<td>1530</td>
<td>ONCOLOGY</td>
<td>CAOS SPINE - State Of The Art</td>
<td>ORTHOPAEDIC RESEARCH 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• The Significance Of OOPS Lesions</td>
<td></td>
<td>• Chemoresistances In Osteosarcoma</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Joint-Preserving Tumor Resection &amp; Reconstruction Using Image-Guided Computer Navigation</td>
<td></td>
<td>• Personalized Medicine - Potential Applications To Orthopedic Practice</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Oncological Outcome Of Patients With Deeply Located Soft Tissue Sarcoma Of The Pelvis</td>
<td></td>
<td>• Chondrocyte Senescence And Osteoarthritis</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Soft Tissue Sarcoma In The Asia Pacific Region</td>
<td></td>
<td>• The Tale Of Angiogenesis In Diabetic Foot</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Modelling Orthopaedics In The Virtual World: Computer Simulations</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Engineering Orthopaedics From Biomechanics To Biomaterials</td>
<td></td>
</tr>
<tr>
<td>1530</td>
<td>1600</td>
<td>Tea &amp; Exhibit Visit</td>
<td>CAOS FREE PAPERS</td>
<td>MOA AGM</td>
<td></td>
</tr>
<tr>
<td>1600</td>
<td>1730</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1730</td>
<td>1800</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1800</td>
<td>1830</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1930</td>
<td>Gala Dinner</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Day 3 Programme
### 1st JUNE 2014

<table>
<thead>
<tr>
<th>Start</th>
<th>End</th>
<th>Lecture Hall 1</th>
<th>Lecture Hall 2</th>
<th>Meeting Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>0700</td>
<td>1400</td>
<td>REGISTRATION COUNTER OPENS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0800</td>
<td>0900</td>
<td>Plenary 2: STANDARDS</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Setting Standards in Orthopaedic Post-Graduate Education in Asean</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>– Working Towards a Common Ground</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>By Professor Lee Eng Hin</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0900</td>
<td>1030</td>
<td>TRAUMA</td>
<td>ORP 1</td>
<td>Interest Group Meeting Room Available</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Evolution of AO Trauma In Asia Pacific</td>
<td>• Techniques in Ensuring Successful Outcomes of ACL Reconstruction</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• How To Manage Complications Of Fractures</td>
<td>• Rehabilitation of Musculoskeletal Injuries</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Malunion Around The Hip</td>
<td>• Bone Banking - What Is It?</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Malunion Of Lower Limb</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Long Bone</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Malunion Around Ankle</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Malunited Calcaneum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1030</td>
<td>1100</td>
<td>Tea &amp; Exhibit Visit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1100</td>
<td>1230</td>
<td>FOOT &amp; ANKLE</td>
<td>ORP 2</td>
<td>Interest Group Meeting Room Available</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Technical Standards In Total Ankle Replacement – What Is Correctly Done In Ankle Replacement</td>
<td>• Clinical Research – The Way To Do It</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Goals &amp; Pitfalls In Hallux Valgus Correction</td>
<td>• Dermacyn Wound Care – How Combination Therapy Works</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Goals Of Operative Reduction &amp; Fixation Of Calcaneal Fractures</td>
<td>• TCC – Total Contact Cast</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Preventing a Heart Attack: A Complimentary Medicine Method</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Cryotherapy Uses In Fracture Cases</td>
<td></td>
</tr>
<tr>
<td>1230</td>
<td>1300</td>
<td>Lunch Symposium (Available)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1300</td>
<td>1400</td>
<td>Lunch &amp; See You In 2015</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
EXHIBITOR INFORMATION

IMPORTANT DATES AND TIME

<table>
<thead>
<tr>
<th>Detail (Contractor)</th>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Official Contractor move-in</td>
<td>29th May 2014</td>
<td>0100 - 0900 hrs</td>
</tr>
<tr>
<td>Non-official Contractor move-in (For Booth at Foyer Area ONLY)</td>
<td>29th May 2014</td>
<td>0200 - 0600 hrs</td>
</tr>
<tr>
<td>Non-official Contractor move-in (For booth inside Ballroom Area ONLY)</td>
<td>29th May 2014</td>
<td>0900 - 2200 hrs</td>
</tr>
<tr>
<td>Dismantling Time For All Contractor</td>
<td>1st June 2014</td>
<td>1500 - 2000 hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Detail (Exhibitor)</th>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exhibitor move-in</td>
<td>29th May 2014</td>
<td>1400 – 2000 hrs</td>
</tr>
<tr>
<td>Show days</td>
<td>30th &amp; 31st May 2014</td>
<td>0800 – 1800 hrs</td>
</tr>
<tr>
<td></td>
<td>1st June 2014</td>
<td>0800 – 1300 hrs</td>
</tr>
<tr>
<td>Exhibitor move out</td>
<td>1st June 2014</td>
<td>1400 – 1500 hrs</td>
</tr>
</tbody>
</table>

Entry into the conference & exhibition halls without name tag is prohibited due to security reasons. Exhibitors may collect their exhibitor tags from secretariat at registration counter between 1400 – 1800 hrs on 29th May 2014 or during conference hours. Additional exhibitor tags are available at RM 200 per tag. Please download and complete the order form from conference website and email it to secretariat@moa-home.com.

OFFICIAL CONTRACTOR
Instant Tradeshows & Exhibitions Sdn. Bhd. (718308-M)
No 48, Lot 5250, Kwantong Baru, Sungai Chua
43000 Kajang, Selangor
Tel: +603 8737 2699 / +6016 201 9420  Fax: +603 8733 2699
Website: http://instantexhibition.com  Email: zainul@instantexhibition.com
Person-In-Charge: Zainulariff Fadzil

For detailed EXHIBITOR INFORMATION including booth layout, availability, additional exhibitors’s tags, moving-in/out schedule, order form or additional equipments, rules & regulations, please refer to the website www.moa-home.com/moa2014.
Please complete the following registration form. Make sure to include ALL contact information (email address, mailing address, telephone & fax) to ensure receipt of your Registration Confirmation Email. All registration MUST be accompanied with payment. Registration without payments will not be processed.

A. PERSONAL DETAILS

Title : Prof / Dr / Datuk / Dato’ / Datin / Mr / Mdm / Ms
Name on Badge : ____________________________
(Limited to 15 letters only)
Full Name as per IC / Passport : ____________________________
Institution / Hospital : ____________________________
Correspondence Address : ____________________________
Postcode : ___________ Country : ___________
Fax : ___________ Mobile Phone : ___________
Email : ___________
Profession : ☐ Orthopaedic Surgeon ☐ Masters Trainee ☐ Medical Officer ☐ Allied Health Professional
Specialty : __________________
Dietary Requirement : ☐ Vegetarian ☐ Non - Vegetarian
*If you are registering for yourself, please go to part C.

B. INSTITUTION / COMPANY SPONSOR DETAILS

Contact Person’s Name : ____________________________
Institution / Company Name : ____________________________
Mobile Number : ___________ Office Number : ___________
Email : ____________________________
*Institution / Company Sponsor details are compulsory if you are a sponsor and would like to be kept updated on this registration.

C. REGISTRATION FEES

Please tick the relevant box.

<table>
<thead>
<tr>
<th>Category</th>
<th>MOA Member</th>
<th>Non-MOA members (excluding Gala Dinner Ticket)</th>
<th>Overseas (Excluding Students)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Surgeon</td>
<td>Surgeon / Masters Trainees / Medical Officers</td>
<td>Research Asst</td>
</tr>
<tr>
<td></td>
<td>Masters Trainees, Nurses, MAs</td>
<td>Allied Health Nurses, MAs</td>
<td></td>
</tr>
<tr>
<td>Early Bird (before 31/3/2014)</td>
<td>☐ RM 700</td>
<td>☐ RM 1000</td>
<td>☐ RM 200</td>
</tr>
<tr>
<td></td>
<td>☐ RM 200</td>
<td>☐ RM 350</td>
<td>☐ RM 450</td>
</tr>
<tr>
<td>Post Early Bird (1/4 – 21/5/2014)</td>
<td>☐ RM 1000</td>
<td>☐ RM 700</td>
<td>☐ RM 700</td>
</tr>
<tr>
<td></td>
<td>☐ RM 700</td>
<td>☐ RM 1000</td>
<td>☐ RM 700</td>
</tr>
<tr>
<td>Onsite (22/5/2014 to Onsite)</td>
<td>☐ RM 1200</td>
<td>☐ RM 1500</td>
<td>☐ RM 1000</td>
</tr>
<tr>
<td></td>
<td>☐ RM 1000</td>
<td>☐ RM 1000</td>
<td>☐ RM 1000</td>
</tr>
<tr>
<td></td>
<td>☐ RM 1000</td>
<td>☐ RM 1000</td>
<td>☐ RM 1000</td>
</tr>
</tbody>
</table>

Full registration for MOA member includes Gala Dinner. Are you attending the Gala Dinner? ☐ Yes / ☐ No

If you are a (Non-MOA member/spouse/partner/industry) and would like to join us for the Gala Dinner, the dinner ticket is RM 180. ☐ RM 180

TOTAL AMOUNT DUE _______________

If you are a MOA Member please circle which category: Life Member / Fellow Member / Assoc Member. IC No : ____________________________

If your membership detail is not filled in or is no longer current, your registration will automatically be processed as a Non-MOA Member.

*To apply for MOA Membership (for both member & associate member), each applicant must give 2 weeks for their membership application to be approved and therefore only they will qualify as a MOA Member / Assoc Member.

If you wish to update your membership immediately or check your status, please contact MOA office at +603 4025 1300 / moa@moa-home.com

D. PAYMENT

Please select payment mode : ☐ Bank-in Of Cash or Cheque (Cheque No : ___________ ) ☐ Letter Of Guarantee
☐ Online Transfer or Telegraphic Transfer ☐ Local Purchase Order (LPO)
☐ Sponsored by Company

For immediate registration, online registration & payment is available at www.moa-home.com
PAYMENT
All payments are to be issued in favour of MALAYSIAN ORTHOPAEDIC ASSOCIATION
Bank Name : Malayan Banking Berhad
Bank Address : Kuala Lumpur Main, Wilayah Persekutuan, Malaysia
Account Number : 514011010094
Swift Code : MBBEMYKL
Accepted payment mode : Online Credit Card Payment
Bank-in of Cash or Cheque
Online Transfer or Telegraphic Transfer
Letter of Guarantee by Companies, Hospitals or Institutions
Local Purchase Order (LPO) by Malaysia Government Hospitals

CONFERENCE SECRETARIAT
MALAYSIAN ORTHOPAEDIC ASSOCIATION
c/o BLOOM COMMUNICATIONS
P1-2-1, Andalucia, Pantai Hill Park,
Jalan Pantai Permai, Bangsar South,
59200 Kuala Lumpur, Malaysia.
Tel : +603 2242 0902 / +6016 203 6018    Fax : +603 6207 6795
Email : secretariat@moa-home.com     Website : www.moa-home.com

All registered conference attendees will be emailed confirmations. Print your confirmation letter and bring it with you on the day of
the conference for a smooth registration process.

CANCELLATION AND REFUND POLICY
The secretariat must be notified in writing of all cancellations. Refund will be made only after the conference and only applicable
under following circumstances.
Cancellation on or before 15th April 2014 : 50% refund
Cancellation after 15th April 2014 : No refund.
If no refund is required but a change in participant registration is needed, then the Secretariat must be informed in writing via email
to secretariat@moa-home.com.

MOA MEMBERSHIP
The registration price for MOA Members is only applicable if your MOA membership is still valid. If your membership detail is not
filled in or is no longer current, your conference registration will automatically be processed as a Non-MOA Member.
To check your membership status, please contact MOA office at +603 4025 1300 / moa@moa-home.com. If you wish to apply or
renew your membership, you may download the form from MOA website at www.moa-home.com.

LETTER OF INVITATION
Upon request, the Organising Committee will issue a letter of invitation. The sole purpose is to facilitate the delegates’ travel and
visa arrangements. The invitation does not imply provision of financial or other support. Please email the Secretariat at
secretariat@moa-home.com should you need a letter of invitation.

CERTIFICATE OF ATTENDANCE
A certificate of attendance will be issued to all delegates. CPD points will be awarded.

LIABILITY
The Organising Committee will not be liable for personal accidents, loss or damage to private property of the participants during
duration of the Conference. Participants should make their own personal arrangements.

DISCLAIMER
Whilst every attempt is made to ensure that all aspect of the conference as mentioned in this announcement will take place as
scheduled, the Organising Committee reserves the right to make last minute changes should the need arise.
Conference Secretariat
Malaysian Orthopaedic Association
c/o Bloom Communications
P1-2-1, Andalucia, Pantai Hill Park
Jalan Pantai Permai, Bangsar South
59200 Kuala Lumpur, Malaysia
Tel: +603 2242 0902 / +6016 203 6018
Fax: +603 6207 6795
Email: secretariat@moa-home.com

Official Conference Venue
Hilton & Le Meridien Kuala Lumpur
2 & 3 Jalan Stesen Sentral
50470 Kuala Lumpur
Malaysia
Tel: +603 2264 2264 (Hilton) / +603 2263 7888 (Le Meridien)
Fax: +603 2264 2266 (Hilton) / +603 2263 7222 (Le Meridien)

Registration
All delegates are required to register at the Registration Counter, located at Level 6, to collect their name badge, certificate of attendance, congress bag, souvenir programme book and other materials.

Participant Registration Counter, Speaker Counter & Speaker Ready Room Opening Hours

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thursday</td>
<td>29th May 2014</td>
<td>1200 - 1800 hrs</td>
</tr>
<tr>
<td>Friday</td>
<td>30th May 2014</td>
<td>0700 - 1800 hrs</td>
</tr>
<tr>
<td>Saturday</td>
<td>31st May 2014</td>
<td>0700 - 1800 hrs</td>
</tr>
<tr>
<td>Sunday</td>
<td>1st June 2014</td>
<td>0700 - 1400 hrs</td>
</tr>
</tbody>
</table>

Getting Around During Your Stay
The Light Rail Transport system (LRT) operates in the city centre and the suburbs. Monorail is an inner-city public transportation system which connects the most important business, hotels and shopping districts in the city centre. Metered taxis can be found easily in the cities and at hotels.

Weather & Clothing
The climate in Malaysia is hot and humid throughout the year. Temperature ranges from an average of 21°C to 32°C. Average annual rainfall varies from 200cm to 250cm. Light clothing is generally recommended while a jacket is advisable if you are going to cooler places. Malaysia is a Muslim country and although we are more liberal, it is advisable for tourists not to wear outfits that are too revealing as a form of respect to the local customs. The dress code at the conference is formal.

Language
Bahasa Melayu (Malay) is the local language. English is widely spoken. Information boards and signs are also written in English. Chinese dialects such as Mandarin, Cantonese and Hokkien are also widely spoken.

Currency
The local currency is Malaysian Ringgit (MYR, also known locally as RM). Currency exchange centres can be found throughout the city.

Health & Medical Care
Kuala Lumpur is the home to some of the best hospitals of international standards with Joint Commission International (JCI) and Malaysian Society for Quality in Health (MSQH) accreditation. There are clinics and hospitals throughout the city centre. Hospitals have 24-hour Accident & Emergency Units. Pharmacies are also available from 0900H to 1800H and can easily be found in major shopping centres.

Insurance
Delegates are advised to arrange their own adequate travel and medical insurance against medical treatments, accidents, cancellation of bookings etc.

ACCOMMODATION

Hilton Kuala Lumpur
MYR 410++

Le Meridien Kuala Lumpur
MYR 410++
http://www.lemeridienkualalumpur.com/

Aloft Kuala Lumpur Sentral
MYR 380 nett
http://www.aloftkualalumpursentral.com/

The Gardens Hotel & Residences
MYR 350++
10 minutes by taxi
http://www.stgiles-hotels.com/TheGardens/

Legend
Restaurant
Room Rates Per Night (Starting From)
Distance from Conference Venue
Website
President’s Dinner
Date: 30th May 2014
Time: 7.30pm
Venue: Majestic 1 & 2, Majestic Hotel

Gala Dinner*
Date: 31st May 2014
Time: 7.30pm
Venue: Clarke Ballroom, Le Meridien

* By invitation only.

Date: 29th May 2014  |  Time: Tee-off at 12.30pm
Venue: Kuala Lumpur Golf & Country Club (KLGCC)  |  Fees: RM 350 per golfer

For more information, please visit the conference website at http://moa-home.com/moa2014

MOA Golf Tournament

If you wish to go for any of the tours below, please contact the appointed travel agent:

Jane Lee
Angel Tours (KL) Sdn Bhd
Suite 2705, 27th Floor, Central Plaza, Jalan Bukit Bintang, Kuala Lumpur 50250 Malaysia
Tel: +6019 238 1663 / +6019 210 5920  |  Email: angelkul@streamyx.com

* Bookings must be made one day before intended tour. As the tour prices may vary slightly, kindly reconfirm with the travel agent when the booking is being made.

City Tour 1: Kuala Lumpur Skyline & Underwater World
Price: RM 150.00 (Adults)
       RM 120.00 (Children 3 – 11 Years Old)
Tour Start: 1000 hrs – 1030 hrs at hotel lobby
            1400 hrs – 1430 hrs at hotel lobby
Tour Size: Minimum 2 adults
Language: English / Malay / Mandarin / Cantonese
Mode: Fully air-conditioned combi / coach
Duration: Approx. 6 hours

Highlights (Entrance Fees Included):
• Petronas Twin Tower (KLCC)
• KL Tower
• Bukit Bintang Area
• Cocoa House
• Batik & Leather Shop
• Underwater World

City Tour 2: Batu Caves & Country Side Tour
Price: RM 70.00 (Adults)
       RM 55.00 (Children 3 – 11 Years Old)
Tour Start: 0900 hrs – 0930 hrs at hotel lobby
            1400 hrs – 1430 hrs at hotel lobby
Tour Size: Minimum 2 adults
Language: English / Malay / Mandarin / Cantonese
Mode: Fully air-conditioned combi / coach
Duration: Approx. 3.5 hours

Highlights (Entrance Fees Included):
• Ambassadors Row – Jalan Ampang
• Batu Caves
• Malaysian Pewter Factory
• Handicraft Centre (Batik Printing)
• Malaysian Famous Local Food Shop
• Gem Stones / Unique Watch Shop

City Tour 3: Flora & Fauna Nature Tour
Price: RM 150.00 (Adults)
       RM 120.00 (Children 3 – 11 Years Old)
Tour Start: 1000 hrs – 1030 hrs at hotel lobby
            1400 hrs – 1430 hrs at hotel lobby
Tour Size: Minimum 2 adults
Language: English / Malay / Mandarin / Cantonese
Mode: Fully air-conditioned combi / coach
Duration: Approx. 3.5 hours

Highlights (Entrance Fees Included):
• Orchid & Hibiscus Garden
• Deer Park
• Lake Garden
• Butterfly Park
• Bird Park
• Tun Abdul Razak Memorial

* Registration for MOA members includes gala dinner ticket. Non-MOA members or accompanying person may purchase tickets at RM180.
Down South
Located just 90-minute drive away from Kuala Lumpur, Melaka is a world heritage site. The historical city of Malaysia traces its origin back to the year 1400. The locals were very much influenced by Chinese merchants, Indian traders, Portuguese mariners, Dutch entrepreneurs and British colonialists. Attractions here include monuments such as the A’ Famosa, Stadthuys, St. Paul’s Church and St. John’s Fort. Enjoy the fascinating sights of Melaka on a trishaw ride.

Up North
Langkawi Island, one of the tropical islands just off the coast of Kedah, is filled with old-age myths and legends. This beautiful gem is also one of the region’s best natural attractions. Only a 45-minute flight from Kuala Lumpur, you are sure to enjoy the white sandy beaches, tropical chalets and resorts on this duty-free island.

East Malaysia (Borneo)
Situated on the island of Borneo and a 2-hour flight from Kuala Lumpur, Sabah is surrounded by stunning tropical islands and vibrant nature. It is the ideal destination for eco-adventurers. While you are here, take the challenge to climb the highest mountain in South East Asia, Mount Kinabalu or dive at the world-famous Sipadan Island. Also on the mystical island of Borneo, Sarawak is a land of ancient rainforests, gigantic caves, abundant wildlife and indigenous tribes.

East Coast
Rich in nature, Pahang’s top attractions include Cameron Highlands, Genting Highlands and Taman Negara – the national park. Berjaya Hills, a serene hill resort that is located in this state has a French-themed resort and a Japanese Village. The East Coast of Malaysia has beautiful islands such as Redang Island and Perhentian Island.

Extend Your Stay
Conference participants with more time to spare can enjoy a trip to some of the country’s popular destinations situated outside the city. Immerse in the endless beauty of Malaysia that will make your visit truly memorable.
Official Journal of the
Malaysian Orthopaedic Association

The journal is indexed/abstracted by EMcare, MyAIS, MyCite, Index Copernicus, Google Scholar, WPRIM and PubMed Central

**Advertise here to get results!**

<table>
<thead>
<tr>
<th>Type of publication (Full color)</th>
<th>Cost (Per Issue)</th>
<th>July 2014</th>
<th>Issues Nov 2014</th>
<th>Mac 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Back Outside Cover</td>
<td>RM3,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Front Inside Cover</td>
<td>RM 2,500</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Back Inside Cover</td>
<td>RM 2,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Full Ordinary Page</td>
<td>RM1, 500</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Cost for 3 Issues</td>
<td>RM4, 500</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Email address: morthoj@gmail.com