SOUVENIR PROGRAMME

College of Surgeons
Academy of Medicine of Malaysia

Annual General Meeting
& Annual Scientific Meeting

Mentoring a Modern Surgeon

23rd - 25th May 2014

Pullman Kuching, Sarawak
Malaysia

Supported By

SARAWAK CONVENTION BUREAU
## Contents

College of Surgeons, AMM – Office Bearers 2013 - 2014 .................................................. 2
Organising Committee ........................................................................................................ 2

Message from the President of the College of Surgeons, AMM ...................................... 3

Message from the Organising Chairman ........................................................................... 4

41\textsuperscript{st} A M Ismail Orator ....................................................................................... 5

\textit{Citation on Datuk Dr Yeo H Poh Hong by Prof Dr David Choon} .................................. 5

Invited Faculty .................................................................................................................... 6

Pre-Congress Workshops ................................................................................................... 7

Programme at a Glance ...................................................................................................... 10

Daily Programme .............................................................................................................. 10

Reports: ............................................................................................................................. 18

\begin{itemize}
  \item Basic Surgical Skills National Competition for Medical Students 2014
  \item Miles Training Centre, University of Malaya
\end{itemize}

Conference Information .................................................................................................... 23

Floor Plan & Trade Exhibition ......................................................................................... 24

Acknowledgements .......................................................................................................... 25
College of Surgeons, AMM
Office Bearers 2013 - 2014

President
Dr Peter Wong Toh Lee

Senior Vice President
Associate Professor Dr Hanafiah Harunarashid

Hon Secretary
Professor Dr April Roslani

Hon Treasurer
Dato' Dr Rohan Malek

Council Members
Professor Dr Chin Kin Fah
Professor Dr David Choon Siew Kit
Associate Professor Dr Ismail Sagap
Professor Dr Liew Ngoh Chin
Professor Dato' Dr Lokman Saim
Professor Dr Nur Aishah Taib
Professor Dr Rohaizak Muhammad
Associate Professor Dr Andrew Tan Khian Khooon

Organising Committee

Chairman
Professor Dr Liew Ngoh Chin

Scientific Committee
Associate Professor Dr Hanafiah Harunarashid
Associate Professor Datuk Dr Ismail Sagap
Professor Dr Chin Kin Fah
Professor Dr Liew Ngoh Chin

Business Manager
Dr Tikfu Gee

Social Programme
Dr Peter Wong Toh Lee
Professor Dr Nur Aishah Taib

Publicity
Dr Lee Limi

Committee Members
Dato’ Dr Rohan Malek
Professor Dr April Roslani
Dr R Krishnan

Local Liaison
Dr Clarence Lei
Dr Teh Guan Chou

Pre-Congress Workshops
Dato’ Dr Rohan Malek
Dr Tikfu Gee
Professor Dr Nur Aishah Taib
Dr Luk Tien Loong

Post-Congress Workshops
Professor Dr Chin Kin Fah
Greetings from Sarawak!

The College of Surgeons, Academy of Medicine of Malaysia, warmly welcomes you to the Annual Scientific Meeting on 23rd to 25th May 2014, at the Pullman Hotel, Kuching, Sarawak.

In response to a popular request, “Cat City” (Kuching) is chosen as the conference venue. In Kuching, you can see a Cat monument erected in the Padungan area. In the older parts of the city, there are many souvenir shops, temples, historical buildings and museums. The Sarawak State Assembly Building is easily visible as an imposing landmark opposite to the Kuching Waterfront. In the outskirts of the city there are places of tourist attractions such as the Sarawak Cultural Village, ‘orang utan’ at the Semenggoh Nature Reserve and the Bako National Park. Sarawak, also known as the “Land of Hornbills”, has much more to offer. For those who are adventurous and wish to explore further, they can join tours to wildlife parks, caves, Iban longhouses or to the interiors where the Penan people live.

This conference provides an opportunity for Malaysian surgeons to foster close friendships among themselves and facilitate their interaction with their guests and delegates. Several social events are being organised; such as the Pre-Congress Golf Competition and the Gala Dinner.

The Annual Scientific Meeting is an important event for our College. It offers an opportunity for the College to play its role in surgical education and training. It serves as a platform whereby the College, as an umbrella body for the surgical societies, can bring together surgeons from the different specialties and different associations; whether from the universities, the public or the private sector.

The Organising Committee has worked hard for the meeting to cover a variety of interesting topics; ranging from surgical education and training in general, to specific areas of interest. The specialties involved, include Urology, Upper GI, Colorectal, Breast & Endocrine, Vascular and Trauma Surgery.

The meeting is well supported by many pre and post-congress workshops which cater to the different needs of the medical students, surgical trainees, surgical specialists and subspecialists. The affiliated surgical societies for Urology, Breast & Endocrine, Vascular, Colorectal and Upper GI, contributed significantly. Similarly, the Silent Mentor organisation, University Malaya Medical Centre, University Kebangsaan Malaysia Medical Centre and surgeons from the public and private sectors, provide invaluable support to the conference.

“Selamat Datang dan Terima Kasih”.

Dr Peter Wong Toh Lee
Message from the Organising Chairman

I would like to wish you a warm welcome to this 2014 Annual Scientific Meeting of the College of Surgeons, Academy of Medicine of Malaysia.

If there is any wonder at all why we chose Kuching again as the venue, these are the reasons. We have wanted a place which is simple, quiet and close to nature, to deliberate on current, complex and controversial issues away from the hustle and bustle of a big city. Kuching fits in well because the city has good amenities, is green and the state tourism bureau is very supportive of large conventions.

In line with this year’s Visit Malaysia Year, we want our members to travel a little further and to enjoy the natural beauty that this country has to offer. To those who have not been to Borneo, this will be a great opportunity.

More importantly, the President of the College is Dr Peter Wong who hails from Sarawak and there is no better place than his hometown to host this event. I am sure he will help to organise some interesting and memorable social events.

This year’s theme is ‘Mentoring A Modern Surgeon’. The theme sounds ‘technical’ with emphasis on training and education. To attract wider participation, especially the young and budding surgeons, the Organising Committee has decided to concentrate on ‘evolution of surgical techniques’ and ‘knowledge on new surgical frontiers’. The symposia are mostly problem-based and speakers are from different specialties, discussing common topics such as new techniques, sepsis or tumours. These talks are general and difficult to prepare and we thank all speakers for their willingness to undertake such tasks.

This year, we have an unprecedented number of invited faculties and the registrants have exceeded 500. Besides our own leaders in surgery, we have many excellent speakers who travel from far like other parts of Asia, United Kingdom, Australia and the USA. We have also many representatives from overseas Colleges who have come all the way to lend their support. To all of them, we would like to say a big thank you. To the participants, especially the younger surgeons, we wish them a fruitful learning experience and I hope they will participate actively and bravely raise their doubts or queries.

Let us not forget that 2014 is VMY and please take the opportunity to explore Sarawak.

Thank you.

Professor Dr Liew Ngoh Chin
Datuk Dr Yeok Poh Hong is one of the most influential doctors of his generation. An orthopaedic doctor by training, his genius for making friends and providing service to the community has seen him play a pivotal role in Malaysian medicine.

Datuk Dr Yeoh was amongst the first graduates of the nascent Medical School of University Malaya in Kuala Lumpur, graduating in 1973. He then went on to achieve the FRCS in the minimum time and topped it off by obtaining the coveted MCH Ortho from Liverpool University in 1980.

Being one of the earliest orthopaedic surgeons to practise in Malaysia, Datuk Dr Yeoh set the pace and led the way in orthopedic surgery during the infant years of this specialty in Malaysia. This ability to build bridges and form bonds saw his election to the highest posts as the President of the Malaysian Medical Association, the College of Surgeons of Malaysia and the Malaysian Orthopedic Association. This culminated in his crowning glory; appointment as the Master of the Academy of Medicine from 1998 to 2002.

Datuk Dr Yeoh has received numerous honorary fellowships from the College of Surgeons of South Africa, America, England, Singapore, and Glasgow. He has since, retired from his leading role in Universiti Kebangsaan Malaysia but maintains his interest in academia on the Board of Governors of the International Medical University.

Despite his multiple achievements and obvious position of influence, Datuk Dr Yeoh remains a quiet and self-effacing person whose stated intention is to help others. Datuk Dr Yeoh is without doubt, a most worthy speaker for the A M Ismail Oration.
Invited Faculty

AUSTRALIA
Mark Smithers

HONG KONG
Michael Li

INDIA
S V S Deo

KOREA
Joh Jin Hyun
Min Byung Soh

THE NETHERLANDS
Ronald Marc Van Dam

PHILIPPINES
Jesus Fernando Inciong

SINGAPORE
Asim Shabbir
Pankaj Kumar Handa

TAIWAN
Huang Chih Kun

UNITED KINGDOM
David Galloway
Gareth Evans
Michael Griffin

USA
Carlos A Pellegrini
Michael Marohn

MALAYSIA
Abdullah Sani Mohamed
Adina Abdullah
Anne John Rachel
April Roslani
Chan Siew Hong
Chin Kin Fah
Ch'ng Gaik Siew
Clarence Lei
Ee Boon Leong
Hanafiah Harunarashid
Hanif Hussein
P Kandasami
Khatijah Lim Abdullah
R Krishnan
Leong Yu Khong
Lim Beng Kiat
Lim Meng Shi
Luk Tien Loong
Lum Siew Kheong

Manisekar Subramaniam
Mohamed Ezani Md Taib
Naresh Govindarajan
Ng Char Hong
Ng Chirk Jen
Nik Ritza Kosai
Normayah Kitan
Nur Aishah Taib
Oliver Hautmann
Ong Teng Aik
Rohaizak Muhammad
Rohan Malek
Selvalingam Sothilingam
Tan Wee Jin
Teh Guan Chou
Teo Soo Hwang
Tho Lye Mun
Tikfu Gee
Zainal Ariffin Azizi
1. **ADVANCED UROLOGY WORKSHOP ON BPH**

**Coordinator:** Rohan Malek  
**Venue:** Giza, Pullman Kuching, Sarawak

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 - 1015</td>
<td>Registration</td>
</tr>
</tbody>
</table>
| 1015 - 1020| Introduction  
Rohan Malek, Chan Siew Hong  
Panellists: Teh Guan Chou, Clarence Lei, Lim Meng Shi |
| 1020 - 1040| Epidemiology Of BPH, Natural History, Pathophysiology  
Mohd Hafidzul Jasman |
| 1040 - 1100| Male Lower Urinary Tract Symptoms – BPH And Overactive Bladder (OAB)  
Vijayan Manogran |
| 1100 - 1120| Industry Sponsored: Risk Factors For Disease Progression  
Chan Siew Hong |
| 1120 - 1140| Investigations And Diagnosis Of BPH Including Role Of Urodynamic Study  
Khoo Say Chuan |
| 1140 - 1200| Prostatic Specific Antigen (PSA) And BPH Progression  
J R Sathiyananthan |
| 1200 - 1220| Industry Sponsored: A New Approach To PSA Monitoring  
Murali Sundram |
| 1220 - 1240| Management Of Acute Urinary Retention And Other Complications Of BPH  
Azhar Amir Hamzah |
| 1240 - 1300| Medical Management Of BPH  
Azhan Yusoff |
| 1300 - 1330| Industry Sponsored Lunch Talk: Rationale For Combination Therapy  
Rohan Malek |
| 1330 - 1400| Lunch |
| 1400 - 1420| Transurethral Resection Of Prostate (TURP) And Its Complications  
Cyril Natarajan |
| 1420 - 1440| Role Of Lasers And Minimally Invasive Treatment For BPH  
Sivalingam Sivaprakasam |
| 1440 - 1500| Overview Of Key Publications In BPH  
Tan Guan Hee |
| 1500 - 1600| Vivas (only for exam candidates) |
2. VARICOSE VEINS AND DVT WORKSHOP

Coordinators: Luk Tien Loong, Liew Ngoh Chin
Faculty: Joh Jin Hyun, Pankaj Kumar Handa
Venue: Colosseum 2, Pullman Kuching, Sarawak

Objective
This workshop is meant for doctors and nurses in medical and surgical wards who are involved in DVT prevention and the related problems of varicose veins and varicose ulcers.

This is a practical workshop with opportunity for hands-on experience and discussions with experienced proctors. There will be a few short introductory lectures followed by hands-on workshop.

Learning Objectives
At the end of the workshop, participants will be able to
1. Understand the prophylactic measures available for DVT prevention
2. Understand the role of duplex scan in the diagnosis and treatment of venous diseases
3. Understand the current use of RFA device for varicose veins management
4. Understand the role of sclerotherapy and multi-layer compression in chronic venous diseases
5. Have a hands-on experience on the use of stockings, IPC and multi-layered compression device in DVT prevention and treatment of venous ulcers

Programme

<table>
<thead>
<tr>
<th>Time</th>
<th>Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>0900 - 1030</td>
<td><strong>Lectures (20 minutes each)</strong></td>
</tr>
<tr>
<td>1.</td>
<td>Overview Of DVT- Epidemiology, Pathogenesis, Risk Luk Tien Loong</td>
</tr>
<tr>
<td>2.</td>
<td>Overview Of Chronic Venous Disease – Epidemiology, Pathogenesis, Management Naresh Govindarajanthran</td>
</tr>
<tr>
<td>3.</td>
<td>DVT Prevention Strategies Pankaj Kumar Handa</td>
</tr>
<tr>
<td>4.</td>
<td>Endovenous Therapy Joh Jin Hyun</td>
</tr>
<tr>
<td>1030 - 1100</td>
<td>Tea</td>
</tr>
<tr>
<td>1100 - 1500</td>
<td><strong>Hands-On Workshop</strong></td>
</tr>
<tr>
<td>6-</td>
<td>Groups Of A-F (5 participants in each group)</td>
</tr>
<tr>
<td>Learning Strategies:</td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>Demonstration Of Different Appliances And Allow Participants Hands-on Experience On Use Of Appliances</td>
</tr>
<tr>
<td>2.</td>
<td>Video Presentation</td>
</tr>
<tr>
<td>3.</td>
<td>Live Ultrasound – Normal Veins And Superficial Vein Reflux</td>
</tr>
<tr>
<td>6-</td>
<td>Stations:</td>
</tr>
<tr>
<td>1.</td>
<td>Compression Stockings Pankaj Kumar Handa</td>
</tr>
<tr>
<td>2.</td>
<td>Intermittent Pneumatic Compression Device Lee Limi</td>
</tr>
<tr>
<td>3.</td>
<td>Ultrasound Of Veins Naresh Govindarajanthran</td>
</tr>
<tr>
<td>4.</td>
<td>Radiofrequency Ablation Of Varicose Veins Joh Jin Hyun</td>
</tr>
<tr>
<td>5.</td>
<td>Multi-Layer Compression Of Varicose Ulcers Tan Kia Lean</td>
</tr>
<tr>
<td>6.</td>
<td>Injection Sclerotherapy Of Lower Limb Varices/Telangiectasias Luk Tien Loong</td>
</tr>
</tbody>
</table>
3. BASIC LAPAROSCOPIC SURGERY SKILLS COURSE

**Venue**
Colosseum 1, Pullman Kuching, Sarawak

**Facilitators**
Wong Lai Meng, Chin Kin Fah, Siow Sze Li, Ong Kheng Wah, Mark Harding, Zubaidah, Nik Ritza Kosai, Tikfu Gee

<table>
<thead>
<tr>
<th>Time</th>
<th>Programme</th>
</tr>
</thead>
</table>
| 1300 – 1400 | Fundamental Lectures  
  a. Principles Of Laparoscopic Surgery  
  b. Principles Of Pneumoperitoneum  
  c. Instruments, Staplers And Energy Devices |
| 1400 – 1430 | Video Session Of Tasks And Common Surgeries |
| 1430 – 1600 | Hands-on Practical Session And Assessment  
  a. Task 1: Peg Transfer  
  b. Task 2: Loops  
  c. Task 3: Pattern Cut  
  d. Task 4: Suturing  
  e. Task 5: Endoscopic Stapling |
| 1600 – 1615 | Tea |
| 1615 – 1700 | Animal Tissue Stapling And Anastomosis |
| 1430 – 1700 | Pre And Post Training Skills Assessment With Laparoscopic Simulator (Symbionix) |

Successful candidates will be given a certificate of course completion. 
Others will be given a certificate of participation.
# Programme At A Glance

<table>
<thead>
<tr>
<th>DATE</th>
<th>23rd May 2014 Friday</th>
<th>24th May 2014 Saturday</th>
<th>25th May 2014 Sunday</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time</td>
<td>Meet-the-Experts (1)</td>
<td>Meet-the-Experts (2)</td>
<td>Meet-the-Experts (3)</td>
</tr>
<tr>
<td>0700 - 0730</td>
<td>Meet-the-Experts (4)</td>
<td>Meet-the-Experts (5)</td>
<td>Meet-the-Experts (6)</td>
</tr>
<tr>
<td>0730 - 0800</td>
<td>Meet-the-Experts (7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0800 - 0900</td>
<td>PLENARY 1</td>
<td>PLENARY 4</td>
<td>PLENARY 8</td>
</tr>
<tr>
<td>0900 - 1000</td>
<td>SYMPOSIUM 1</td>
<td>SYMPOSIUM 5</td>
<td>SYMPOSIUM 10</td>
</tr>
<tr>
<td></td>
<td>SYMPOSIUM 2</td>
<td>SYMPOSIUM 6</td>
<td>SYMPOSIUM 11</td>
</tr>
<tr>
<td>1000 - 1100</td>
<td>Tea / Poster Viewing / Exhibition</td>
<td>SYMPOSIUM 7</td>
<td>WORKSHOP</td>
</tr>
<tr>
<td>1100 - 1200</td>
<td>OPENING CEREMONY &amp; 41st A M ISMAIL ORATION</td>
<td>ETHICON PRIZE PRESENTATIONS</td>
<td>HOW I DO IT SESSION</td>
</tr>
<tr>
<td>1200 - 1300</td>
<td>Lunch Satellite Symposium [Takeda]</td>
<td>Lunch Satellite Symposium [Fresenius Kabi]</td>
<td>Lunch</td>
</tr>
<tr>
<td>1300 - 1400</td>
<td>Friday Prayers</td>
<td>Lunch Satellite Symposium [Fresenius Kabi]</td>
<td>Lunch</td>
</tr>
<tr>
<td>1400 - 1500</td>
<td>PLENARY 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1500 - 1600</td>
<td>SYMPOSIUM 3</td>
<td>SYMPOSIUM 7</td>
<td></td>
</tr>
<tr>
<td>1600 - 1700</td>
<td>Tea Satellite Symposium [B-Crobes Marketing]</td>
<td>SYMPOSIUM 8</td>
<td></td>
</tr>
<tr>
<td>1700 - 1800</td>
<td>41st ANNUAL GENERAL MEETING</td>
<td>SYMPOSIUM 9</td>
<td>FREE PAPER PRESENTATIONS</td>
</tr>
<tr>
<td>1800 - 1900</td>
<td></td>
<td>Tea &amp; Poster Viewing</td>
<td></td>
</tr>
<tr>
<td>1930 - 2230</td>
<td>FACULTY DINNER (by invitation only)</td>
<td>GALA DINNER</td>
<td></td>
</tr>
</tbody>
</table>
**Daily Programme**  
**23rd May 2014, Friday**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
<th>Details</th>
</tr>
</thead>
</table>
| 0700 – 0800 | **MEET-THE-EXPERTS (1)**  
*Moderator: Saladina Jaszle Jasmin*  
Breast: How I Do It – Principles Of BCS Site The Scar And Planning  
S V S Deo, Ng Char Hong | MACHU PICCHU |                                                                                                   |
| 0700 – 0800 | **MEET-THE-EXPERTS (2)**  
*Moderator: Rohan Malek*  
Urology: PSA, Prostate Specific Antigen And You!  
1. When To Do and When Not To Do PSA  
Chan Siew Hong  
2. How To Interpret PSA Result  
Lim Meng Shi  
3. Prostate Biopsies: What To Expect And The Complications  
Clarence Lei  
4. PSA Screened Prostate Cancer: Treatment Overview And Complications  
Teh Guan Chou | GIZA          |                                                                                                   |
| 0800 – 0830 | **PLENARY 1**  
*Chairperson: Peter Wong Toh Lee*  
Mentoring A Modern Malaysian Surgeon: Challenges And Solutions  
P Kandasami | COLOSSEUM 1   |                                                                                                   |
| 0830 – 0900 | **PLENARY 2**  
*Chairperson: April Roslani*  
Minimally Invasive Surgery: Is Open Surgery A Pre-Requisite?  
Min Byung Soh | COLOSSEUM 1   |                                                                                                   |
| 0900 – 1030 | **SYMPOSIUM 1**  
*Chairpersons: Abdul Jamil Abdullah, Nik Ritza Kosai*  
Training in Minimally Invasive Surgery, Expectation of a Modern Surgeon  
1.1 Gastrointestinal Surgery: From Conventional Laparoscopy To SILS  
Michael Li  
1.2 Training In Urology: From Open To Robotics  
Rohan Malek  
1.3 Vascular: From Open To Endovascular  
Zaïnal Ariffin Azizi  
1.4 Thyroid: From Open To Endoscopy  
Rohaizak Muhammad | COLOSSEUM 1   |                                                                                                   |
| 0900 – 1030 | **SYMPOSIUM 2**  
*Chairpersons: Mohamed Yusof Abdul Wahab, R Krishnan*  
Surgical Care  
2.1 Nutrition In Malnourished Surgical Patients  
Jesus Fernando Inciong  
2.2 Modern Concept Of Intravenous Fluid Resuscitation In Surgical Patients  
Lum Siew Kheong  
2.3 Principles And Practice Of Early Recovery After Surgery (ERAS)  
Mark Smithers  
2.4 VTE In Surgical Patients  
Pankaj Kumar Handa | COLOSSEUM 2   |                                                                                                   |
| 1030 – 1100 | Tea / Poster Viewing / Exhibition                                        |                |                                                                                                   |
| 1100 – 1215 | **OPENING CERemonY & 41ST A M ISMAIL ORATION**  
‘Contentment as a Surgeon – The Challenges’  
*Orator: Datuk Dr Yeoh Poh Hong*  
*Citation by: Professor Dr David Choon* | COLOSSEUM 1   |                                                                                                   |
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 1215 – 1300  | **LUNCH SATELLITE SYMPOSIUM** *(Takeda)*  
*Chairperson: R Krishnan*  
TachoSil for Haemostasis And Sealing In Abdominal Surgery  
Ronald Marc Van Dam |
| 1300 – 1430  | Friday Prayers                                                       |
| 1430 – 1500  | **PLENARY 3**  
*Chairperson: Chin Kin Fah*  
Evolution Of Minimally Invasive Surgery: Conventional Laparoscopy To Robotics  
Michael Li |
| 1500 – 1630  | **SYMPOSIUM 3**  
*Managing Post-Operative Complications*  
*Chairpersons: Nik Mohd Azim, Andre Das*  
3.1 Management Of Ischaemic Colitis  
Luk Tien Loong  
3.2 Managing Intra-Abdominal Sepsis After Colorectal Surgery  
Michael Li  
3.3 Managing Voice Change After Thyroid Surgery  
Abdullah Sani Mohamed  
3.4 Managing Jaundice Post Laparoscopic Cholecystectomy  
Tan Wee Jin |
| 1500 – 1630  | **SYMPOSIUM 4**  
*Patient Safety and Education*  
*Chairpersons: David Choon, Yushak Abdul Wahab*  
4.1 Prevention Of Surgical Site Infection  
Michael Marohn  
4.2 Surgical Audit  
David Galloway  
4.3 Managing Surgical Misadventures  
P Kandasami  
4.4 Evidence Based GI Practice  
Mark Smithers |
| 1630 – 1730  | **TEA SATELLITE SYMPOSIUM** *(B-Crobes Marketing)*  
*Chairperson: Liew Ngoh Chin*  
Role Of Microbial Cell Preparation In Modulating GUT Function In Randomized Clinical Trials  
Chin Kin Fah |
| 1730 – 1830  | **41st ANNUAL GENERAL MEETING**                                    |
| 1930 – 2230  | **FACULTY DINNER** *(by invitation only)*  
THE RAINTREE RESTAURANT,  
BORNEO CONVENTION CENTRE KUCHING |
## Daily Programme
### 24th May 2014, Saturday

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Chairpersons</th>
</tr>
</thead>
</table>
| 0730 – 0830 | **MEET-THE-EXPERTS (3)**
Moderator: Sarinah Basro  
Breast: How I Do It – How To Cover Large Defects  
S V S Deo, Ng Char Hong | COLOSSEUM 2 |                          |
| 0730 – 0830 | **MEET-THE-EXPERTS (4)**
Moderator: Luk Tien Loong  
Vascular: Vascular Emergency  
Ee Boon Leong, Hanif Hussein, Hanafiah Harunarashid | GIZA |                          |
| 0730 – 0830 | **MEET-THE-EXPERTS (5)**
Moderator: Ismail Sagap  
Robotics In Colorectal Surgery  
Min Byung Soh | MACHU PICCHU |                          |
| 0830 – 0900 | **PLENARY 4**
Chairperson: Nur Aishah Taib  
Genetic Predisposition In Cancers – Targeting The High Risk Surgical Patient  
Gareth Evans | COLOSSEUM 1 |                          |
| 0900 – 0930 | **PLENARY 5**
Chairperson: Ramesh Gurunathan  
Surgical Treatment Of Achalasia Since The Advent Of Laparoscopy  
Carlos A Pellegrini | COLOSSEUM 1 |                          |
| 0930 – 1100 | **SYMPOSIUM 5**
Breast Surgery  
Chairpersons: Imisairi Abd Hadi, Nur Aishah Taib  
5.1 Breast Cancer Genetic Predisposition And Management In Malaysia  
Teo Soo Hwang  
5.2 Genetic Counselling And Testing In Ministry Of Health  
Ch’ng Gaik Siew  
5.3 Hereditary Breast Cancer Services – Models Of Care  
Gareth Evans  
5.4 Challenges In The Surgical Management Of Young Breast Cancer Patients  
S V S Deo  
5.4 | COLOSSEUM 1 |                          |
| 0930 – 1100 | **SYMPOSIUM 6**
Surgery in Trauma  
Chairpersons: Hanafiah Harunarashid, Lum Siew Kheong  
6.1 Chest Trauma: Updates In Management  
Mohamed Ezani Md Taib  
6.2 Decision Making In Blunt Abdominal Trauma  
R Krishnan  
6.3 Managing Polytrauma  
Oliver Hautmann  
6.4 Managing Trauma In Children  
Anne John Rachel | COLOSSEUM 2 |                          |
| 1100 – 1130 | Tea / Official Poster Round / Exhibition | |                          |
| 1130 – 1230 | **ETHICON PRIZE PRESENTATIONS**
Chairpersons: Hanafiah Harunarashid, April Roslani | COLOSSEUM 1 |                          |
| 1230 – 1330 | **LUNCH SATELLITE SYMPOSIUM [Fresenius Kabi]**
Chairperson: Chin Kin Fah  
Practical Use Of PN Therapy In Surgical Patients: Case Scenarios  
Jesus Fernando Inciong | COLOSSEUM 1 |                          |
### Daily Programme

**24th May 2014, Saturday [cont’d]**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1330 – 1400</td>
<td><strong>PLENARY 6</strong>&lt;br&gt;Chairperson: Liew Ngoh Chin&lt;br&gt;Venous Disease: Advances In Endovenous Therapy&lt;br&gt;Joh Jin Hyun</td>
</tr>
<tr>
<td>1400 – 1430</td>
<td><strong>PLENARY 7</strong>&lt;br&gt;Chairperson: Tikfu Gee&lt;br&gt;Metabolic And Bariatric Surgery: From The Past To The Present&lt;br&gt;Huang Chih Kung</td>
</tr>
<tr>
<td>1430 – 1600</td>
<td><strong>SYMPOSIUM 7</strong>&lt;br&gt;Advanced Laparoscopic Surgery&lt;br&gt;Chairpersons: Shahrun Niza Abdullah Suhaimi, Azmi Md Nor&lt;br&gt;- 7.1 Laparoscopic Oesophagectomy&lt;br&gt;Mark Smithers&lt;br&gt;- 7.2 Comparison Between Open Versus Laparoscopic Gastrectomy For Early And Advanced Gastric Cancer: The Preliminary Experience&lt;br&gt;From University Malaya Medical Centre&lt;br&gt;Chin Kin Fah&lt;br&gt;- 7.3 Laparoscopic Colectomy And Total Mesocolic Excision&lt;br&gt;Min Byung Soh&lt;br&gt;- 7.4 Laparoscopic Vs Retroperitoneoscopic Adrenalectomy&lt;br&gt;Normayah Kitan</td>
</tr>
<tr>
<td>1430 – 1600</td>
<td><strong>SYMPOSIUM 8</strong>&lt;br&gt;Metabolic and Bariatric Surgery&lt;br&gt;Chairpersons: Ong Kheng Wah, Nor Hisham Muda&lt;br&gt;- 8.1 Bariatric Surgery In Asia And Malaysia&lt;br&gt;Nik Ritza Kosai&lt;br&gt;- 8.2 Risks And Benefits Of Bariatric Surgery: Current Evidence&lt;br&gt;Asim Shabbir&lt;br&gt;- 8.3 Metabolic Surgery In The Treatment Of Type II Diabetes&lt;br&gt;Tikfu Gee&lt;br&gt;- 8.4 Endobarrier: A New Treatment For Obesity?&lt;br&gt;David Galloway</td>
</tr>
<tr>
<td>1600 – 1630</td>
<td>Tea &amp; Poster Viewing</td>
</tr>
<tr>
<td>1630 – 1800</td>
<td><strong>SYMPOSIUM 9</strong>&lt;br&gt;Advances in Oncology&lt;br&gt;Chairpersons: Lu Ping Yan, Sarojah Arulanantham&lt;br&gt;- 9.1 Targeted Therapy: Principles And Practice&lt;br&gt;Tho Lye Mun&lt;br&gt;- 9.2 Managing GIST&lt;br&gt;Chin Kin Fah&lt;br&gt;- 9.3 Hormonal Therapy In Breast Cancer&lt;br&gt;Leong Yu Khong&lt;br&gt;- 9.4 Chemoradiotherapy In Colorectal Cancer&lt;br&gt;Tho Lye Mun</td>
</tr>
<tr>
<td>1630 – 1800</td>
<td><strong>FREE PAPER PRESENTATIONS</strong>&lt;br&gt;Chairpersons: Ismail Sagap, Nur Aishah Taib</td>
</tr>
</tbody>
</table>
Daily Programme  
24th May 2014, Saturday [cont’d]

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1930 - 2230</td>
<td><strong>GALA DINNER</strong></td>
</tr>
<tr>
<td>1830 - 1930</td>
<td>Arrival of Guests and Delegates</td>
</tr>
<tr>
<td></td>
<td>Photography (with dancers)</td>
</tr>
<tr>
<td></td>
<td>Sarawak Native Welcome</td>
</tr>
<tr>
<td>1930 - 2000</td>
<td>Dinner is served</td>
</tr>
<tr>
<td></td>
<td>Cultural Performance (with live native music instruments)</td>
</tr>
<tr>
<td>2000 - 2030</td>
<td>Welcome Speech by Prof Dr Liew Ngoh Chin, Organising Chairperson</td>
</tr>
<tr>
<td></td>
<td>Speech by Dr Peter Wong Toh Lee, President, CSAMM</td>
</tr>
<tr>
<td>2030 - 2100</td>
<td>Singing</td>
</tr>
<tr>
<td></td>
<td>Pop &amp; Jazz Band Performance (1)</td>
</tr>
<tr>
<td>2100 - 2110</td>
<td>Presentations of:</td>
</tr>
<tr>
<td></td>
<td>- Ethicon Prize</td>
</tr>
<tr>
<td></td>
<td>- Best Poster Prizes</td>
</tr>
<tr>
<td></td>
<td>- SM Alhady Gold Medal</td>
</tr>
<tr>
<td></td>
<td>- Medical Student Basic Surgical Skills Competition</td>
</tr>
<tr>
<td>2110 - 2200</td>
<td>Pop &amp; Jazz Band Performance (2)</td>
</tr>
</tbody>
</table>
# Daily Programme

**25th May 2014, Sunday**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>0730 – 0830</td>
<td>MEET-THE-EXPERTS (6) &lt;br&gt;<em>Moderators: Chin Kin Fah, Yeap Chee Loong</em>&lt;br&gt;Upper GI&lt;br MARK SMITHERS, HUANG CHIH KUN, MICHAEL GRIFFIN</td>
</tr>
<tr>
<td>0730 – 0830</td>
<td>MEET-THE-EXPERTS (7) &lt;br&gt;<em>Moderators: Razman Jarmin, Yoong Boon Koon</em>&lt;br&gt;Hepatobiliary: To Refer Or Not To Refer – That Is The Question&lt;br MANISEKAR SUBRAMANIAM, R KRISHNAN</td>
</tr>
<tr>
<td>0830 – 0900</td>
<td><strong>PLENARY 8</strong>&lt;br&gt;<em>Chairperson: Abdul Jamil Abdullah</em>&lt;br&gt;Safe Surgery Saves Lives&lt;br MICHAEL MAROHN</td>
</tr>
<tr>
<td>0900 – 0930</td>
<td><strong>PLENARY 9</strong>&lt;br&gt;<em>Chairperson: Azad Hassan Abdul Razak</em>&lt;br&gt;Prostatic Disease: A Modern Surgeon’s Challenge&lt;br TEO GUAN CHOU</td>
</tr>
</tbody>
</table>
| 0930 – 1100 | **SYMPOSIUM 10**<br>Critically Ill Surgical Patients<br *Chairpersons: Ng Char Hong, Lum Siew Kheong*<br>1. Early Identification Of Critically Ill Surgical Patient<br **Ng Char Hong**
2. Septic Care Bundle<br **April Roslani**
3. Managing Urosepsis<br **Selvalingam Sothilingam**
4. Management Of Mycotic Abdominal Aortic Aneurysm<br **Naresh Govindarajan** |
| 0930 – 1100 | **SYMPOSIUM 11**<br>Advances in Urology<br *Chairpersons: Murali Sundram, Zulkifli Md Zainuddin*<br>1. Imaging Of Cancers In Urology<br **Ong Teng Aik**
2. Robotic Prostatectomy<br **Lim Meng Shi**
3. Managing Urolithiasis<br **Clarence Lei**
4. Radiation Cystitis<br **Chan Siew Hong** |
| 0930 – 1000 | **WORKSHOP**<br>Cancer Communication Skills<br *Moderators: Yip Cheng Har, Astina Firzah Aziz*<br>1. Understanding The Evidence And Risk Communication<br **Nur Aishah Taib**
2. Patient Decision Aid Training Session<br **Ng Chirk Jenn, Khatijah Lim Abdullah, Adina Abdullah** |
<p>| 1100 – 1130 | Tea |</p>
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 1130 - 1230 | HOW I DO IT SESSION  
   Moderators: Syed Mohd Noori, Ong Kheng Wah  
   1. Thoracoscopy In Chest Trauma  
      Tikfu Gee  
   2. Laparotomy In Liver Injury  
      Manisekar Subramaniam  
   3. Management Of Oesophageal Perforation  
      Michael Griffin  
   4. Arteriovenous Fistula  
      Lim Beng Kiat |
| 1230 - 1330 | Lunch |
The College of Surgeons, Academy of Medicine of Malaysia, in collaboration with the Advanced Surgical Skills Centre (ASSC) of Universiti Kebangsaan Malaysia has pioneered this nationwide competition for medical students last year. This popular event was attended by 90 students from medical schools all over Malaysia this year. This year, there is notably more participation from the private medical colleges. The preliminary rounds were held on the weekends of 15th, 16th, 29th and 30th March 2014 respectively.

A surgical skills workshop was conducted in the morning where participants were taught on the principles of gowning and downing, the art of stitching and knot tying and the basic principles of surgical technique, instruments and safety. This was followed by the competition proper to assess the candidates’ ability to perform basic tasks.

In the end, 12 best candidates had been selected to enter the final which was held on the 26th April 2014 at the ASSC. The students were given tasks to perform which included suturing, knot tying and laparoscopic procedures. They also had fun with some games that tested their decision making, ability to work under pressure and hand-eye coordination. They were also tested on their knowledge of anatomy, using the modern interactive teaching device called the Anatomage. A laparoscopic simulator station was also included to add the challenge.

The Winners for This Year Are:

1. Siaw Jia Yng
   Penang Medical College (PMC), Champion

2. Sasafida Md Salleh
   Universiti Sains Islam Malaysia (USIM), 1st Runner Up

3. Choo Pee Terh
   Universiti Malaya (UM), 2nd Runner Up

The champion will receive the President’s Medal at the CSAMM GALA dinner in Kuching, Sarawak.

We had a fantastic feedback and the organisers wished to thank the Council of the College for the support, the judges and all those involved in making the event a success. A particular note of thank you is reserved for Prof Dato’ Dr P Kandasami Palayan for his endeavour as coordinator and Mrs Shidah Abd Lah for her excellent organisation. Finally, the CSAMM would like to record our appreciation to Johnson and Johnson Ethicon Sutures for their commitment to Surgical Education.
Minimally Invasive Laparo-Endoscopic Surgery (M.I.L.E.S) Training Centre at University Malaya Medical Centre, accredited as an ELSA (Endoscopic and Laparoscopic Surgeons of Asia) Training Centre, is a first class laparoscopic training facility providing a fast track learning experience in a humanistic manner, which includes ‘LIVE surgery by experts’, ‘Dry Lab’, ‘Animal workshops’, ‘SILENT MENTORS’ and ‘HANDS-ON’ experience. In addition, MILES Training Centre offers a range of SILENT MENTORS (medical simulation) courses in General Surgery, Urology, ENT, Neurosurgery, Plastic and Reconstructive Surgery, Cardiothoracic Surgery, Trauma, Orthopaedic and Spine, Ophthalmology, Gynaecology and Acupuncture of ‘Traditional Chinese Medicine’.

The Silent Mentors Programme, a unique voluntary body donation programme in collaboration with Tzu Chi University, Taiwan, and Xiao-En Group, forms the core teaching curriculum of this training centre, which provides medical education in a holistic approach with the concept of ‘appreciation of life and great love’.

Goals

1. To provide basic and advanced courses in learning operative (including laparoscopic) skills imparting knowledge and hands-on experience to postgraduate students, senior residents and general practicing surgeons in all surgical specialties.

2. To promote and encourage cross country sharing of advanced (Endo-laparoscopic) surgical techniques through meetings and workshops.

3. To contribute to the field of surgical advancement and knowledge through vigorous research activities and experiments providing a platform in research and development of experimental surgery with the partnership of various surgical industries:
   - NOTES (Natural Orifice Transluminal Endoscopic Surgery)
   - NOSE (Natural Orifice Specimen extraction)
   - New surgical technology and instrument

Facilities

- Seminar Hall (Clinical Auditorium with 227 pax)
- Lecture Hall
- Animal House
- Anatomy Dissection Hall (capacity of 10 workstations)
- HD Camera System (6 workstations)
- Advanced diathermy machine (6 Force Triad Machines)
- Operating theatre table (6 tables with theatre lights)

Silent Mentor Programme

Introduction

The Silent Mentor Programme set up by MILES Training Centre of University of Malaya (www.silentmentor.org), based on the model of Silent Mentor initiated by Tzu Chi University, Taiwan, which changed the mindset of people with an increase in cadaver and organ donations. With the help of Tzu Chi Foundation and funeral service provider, Xiao-En Group in Malaysia, MILES aims to provide a humanistic medical education programme with the following objectives:

1. To promote the social trend of body donation for medical teaching and research in a multicultural and multi faith society in Malaysia.

2. To enhance the standards of medical education and research.

3. To facilitate the development of excellent ethics and humanity among health care professionals.
The Programme

Home Visit and Interaction with Family Members
By visiting and interacting with the family members, students (medical officers, house officers and medical students) learn the life events and the wills of their silent mentor as a person rather than a cold cadaver for practice and look upon their silent mentor as a role model that practice altruism.

Silent Mentor Sharing Session
Students and Faculty members share their experience of the home visit and use words to depict their silent mentor on the evening before the workshop series during MILES Memorial Dinner with invited family members.

Initiation Ceremony
After the admission of the silent mentor to the MILES Training Centre, the first of the blessing of life’s final rites, the initiation ceremony with the attendance of family members, volunteers, MILES faculty members and students will be conducted at the Silent Mentor Memorial Hall, Xiao-En Memorial Park. Following blessing and paying their respect to the donor, the picture of the donor will be displayed at the Silent Mentor Memorial Hall at Xiao-En Memorial Park. After the initiation ceremony, the memorial hall is available for the family members to pay respect and for bereavement.

Professional Training Workshops
Together with the faculty members and students, the family members will have a final look at the donor with face exposed at the theatre table. At this final ‘good-bye’ session, the faculty members and students will attend the silent meditation session at their respective workstation, during which the life story of the donors will be displayed at the LCD screen at their respective workstation. In this programme, silent mentors use their body to teach. The participants gain not only medical knowledge but also the philosophy of life.

Suturing, Dressing and Coffining
A part of the blessing of life’s final rite: at the end of the professional training, the students carefully examine their silent mentors again to make sure all the wounds are appropriately closed, dress their silent mentor properly in dignity, and with their deepest gratitude place their silent mentor in gracefully designed coffin.

The Sending Off Ceremony
As part of the blessing of life’s final rite that prepares the silent mentor for cremation, family members, students and volunteers will escort the silent mentors out of UM Medical Faculty for cremation - a ceremony that signifies that the silent mentor has walked through the last stretch of the journey of their lives.

Gratitude Ceremony
The students express their gratitude to the silent mentors by placing the silent mentor’s name on the monument at the Xiao-En Memorial Park. This reinforces the students to develop a life-long philosophy of gratitude, respect and love.
Professional Silent Mentor Workshops Held In The Past

An integrated training programme for undergraduate, house officer and various specialties is to be conducted for a 4-day workshop. A number of silent mentor workshops have been conducted by MILES Training Centre of University of Malaya, in collaboration with the College of Surgeons, Academy of Medicine of Malaysia, in the past including:

1st Silent Mentor Workshop: 1st – 3rd July 2012
- Endoscopic ENT Workshop
- Plastic Surgery Workshop
- Laparoscopic Upper GI & Thyroid Workshop
- Laparoscopic Cardiothoracic Workshop
- Endoscopic Orthopaedic Workshop

2nd Silent Mentor Workshop: 21st – 24th Nov 2012
- Laparoscopic Upper GI Workshop
- Endoscopic Orthopaedic Workshop
- Laparoscopic Urology Workshop
- Breast Workshop for Master in Surgery
- Laparoscopic Colorectal Workshop

3rd Silent Mentor Workshop: 29th May – 1st June 2013
- Plastic Surgery Workshop
- Spinal Neurosurgery Workshop
- Breast Oncoplastic Workshop
- R&D – POEM Workshop
- MI Spine Surgery Workshop
- Laparoscopic Colorectal Workshop

4th Silent Mentor Workshop: 24th – 27th July 2013
- Laparoscopic Colorectal Workshop
- R&D–Peripheral Nerve Block Workshop
- Laparoscopic VAT Workshop
- Laparoscopic Upper GI Workshop
- Open Thyroidectomy Workshop
- Renal Transplant Workshop

5th Silent Mentor Workshop: 4th – 7th Dec 2013
- MAKOplasty Robotic Partial Knee Replacement Workshop
- Interventional Pain Management

- Pre-Congress Basic Surgical Skills Workshop
- Pre-Congress Advanced Trauma & Emergency Surgery Workshop
- Anaesthesiology Research Workshop

7th Silent Mentor Workshop: 22nd – 25th May 2014
- Acupuncture of TCM Workshop
- Pre-Congress Basic Surgical Skills Workshop
- Endoscopic Thyroidectomy Workshop
- Limbs Deformity Correction Workshop
Post-Congress Silent Mentor Workshop
8th Silent Mentor Workshop: 28th – 31st May 2014
~ Mastectomy & Breast Reconstruction Workshop
~ Laparoscopic Upper GI Workshop
~ Oral-maxillofacial Workshop
~ Open Thyroidectomy Workshop

Coming Silent Mentor Workshops
9th Silent Mentor Workshop: Aug 2014
10th Silent Mentor Workshop: Oct 2014

Pre-Congress Basic Surgical Skills Silent Mentor Workshops 2014

Invitation was extended via States’ Head of Department of General Surgery to all interested surgical trainees to participate in the above workshops. The workshop fees were waived and the running cost of the workshop was sponsored by the MILES Training Centre, a Charitable organisation. The motto of the workshop is ‘This cut, the final of a student on Silent Mentor, marks the beginning of a Surgeon with humanity.’

40 junior medical officers in surgery at the MOH applied for the above workshop in March and 20 were randomly selected. In view of the demand, a similar workshop was organised in April during which 20 junior medical officers were trained.
Conference Information

Conference Venue and Hotel Accommodation
Pullman Kuching, Sarawak
1A Jalan Mathies, 93100 Kuching, Sarawak
Tel : (6082) 222 888  Fax : (6082) 222 999  Website : www.pullmankuching.com

Registration
The operating times are:

- 23rd May 2014 (Thursday)  1500 to 1800 hrs
- 24th May 2014 (Friday)    0700 to 1700 hrs
- 25th May 2014 (Saturday)  0730 to 1700 hrs
- 26th May 2014 (Sunday)    0730 to 1200 hrs

Identity Badges
Delegates are kindly requested to wear identity badges during all sessions and functions.

Entitlements
Registered delegates will be entitled to the following:
- Conference Bag and Materials
- Scientific Sessions
- Coffee/Tea and Lunch
- Gala Dinner
- Admission to the Trade Exhibition

Gala Dinner [24th May 2014 – 1930 to 2230 hrs]
Delegates are requested to confirm their attendance during registration. Delegates can bring their guests at RM100 per person.

Dress code : Lounge suit

Speakers and Presenters
All speakers and presenters are requested to check into the Speaker Ready Room at least one hour prior to their presentation. There will be helpers on duty to assist with your requirements regarding your presentation. The Speaker Ready Room will be opened on:

- 23rd May 2014 (Thursday)  1500 to 1800 hrs
- 24th May 2014 (Friday)    0700 to 1700 hrs
- 25th May 2014 (Saturday)  0730 to 1700 hrs
- 26th May 2014 (Sunday)    0730 to 1100 hrs

All presentations will be deleted from the conference computers after the presentations are over.

Photography & Videotaping Policies
No photography or videotaping of the presentations is permitted during the scientific sessions.

Mobile Phones
For the convenience of all delegates, please ensure that your mobile phone is put on silence mode during the conference sessions.

DISCLAIMER
Whilst every attempt would be made to ensure that all aspects of the Conference as mentioned in this publication will take place as scheduled, the Organising Committee reserves the right to make last minute changes should the need arises.
Booth Stand | Name
--- | ---
F6 & F13 | Rotta Pharm / Madaus
F10 | Indizium Sdn Bhd
F12 | Pfizer (Malaysia) Sdn Bhd
F14 | Boston Scientific (M) Sdn Bhd
F15 | BioD Medica Sdn Bhd
F16 | Endodynamics (M) Sdn Bhd
F17 | AstraZeneca Sdn Bhd
F18 | Malaysian Healthcare Sdn Bhd
F22 | Goodlabs Medical (M) Sdn Bhd

Booth Stand | Name
--- | ---
F23 | UG Medical Services Sdn Bhd
F24 | Covidien
F25 | Sanofi-Aventis (Malaysia) Sdn Bhd
F26 & F27 | B Braun Medical Supplies
F28, F29 & F30 | Takeda Malaysia Sdn Bhd
F31 & F32 | Johnson & Johnson Medical Malaysia
F33 | Dyamed Biotech Sdn Bhd
F34 | Fresenius Kabi Malaysia Sdn Bhd
Acknowledgements

The Organising Committee of the Annual Scientific Meeting of the
College of Surgeons, Academy of Medicine of Malaysia
would like to express its appreciation to the following for their support and contributions:

Takeda Malaysia Sdn Bhd
Fresenius Kabi Malaysia Sdn Bhd
B Braun Medical Supplies
Johnson & Johnson Medical Malaysia
    Rotta Pharm / Madaus
    UMMI Surgical Sdn Bhd
    AstraZeneca Sdn Bhd
    B-Crobes Laboratory Sdn Bhd
    BioD Medica Sdn Bhd
    Boston Scientific (M) Sdn Bhd
    Covidien
    Dyamed Biotech Sdn Bhd
    Endodynamics (M) Sdn Bhd
    Goodlabs Medical (M) Sdn Bhd
    Indizium Sdn Bhd
    Malaysian Healthcare Sdn Bhd
    Pfizer (Malaysia) Sdn Bhd
    Sanofi-Aventis (Malaysia) Sdn Bhd
    UG Medical Services Sdn Bhd
    Novartis Corporation (M) Sdn Bhd