## Programme Overview - Day 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Venue</th>
<th>Lecture Hall A</th>
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<th>VIP Holding Room &amp; Meeting Room</th>
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<td>0700</td>
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<td>0730</td>
<td>Foundation Course 1: Precision In Targeted Biopsy: How To Optimise Your Biopsies And Handle The Bleed</td>
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<td>0800</td>
<td>MDT Round Table 1: Hepatocellular Carcinoma 1: Clinical Assessment Of HCC</td>
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<td>0830</td>
<td>MDT Round Table 2: Extreme IO Case Challenge 1</td>
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<td>0900</td>
<td>Focus Workshop 1: Tumour Ablation 1: Thermal Ablation In Hepatocellular Carcinoma</td>
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<tr>
<td>0930</td>
<td>Plenary Sessions, Opening Ceremony &amp; Keynote Lecture</td>
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<td>1000</td>
<td>Lunch Symposium By Canon Medical: The Power Of Angio CT: Seeing The Unseen</td>
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<td>1030</td>
<td>Lunch Symposium By Boston Scientific: Meet The Masters In Interventional Oncology</td>
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<td>Focus Workshop 2: Percutaneous Ablation In Lung Tumours</td>
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<td>1130</td>
<td>Future In IO 1: Stem Cell And Immunotherapy Session</td>
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<td>APCIO MEETS SIO</td>
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<td>1230</td>
<td>Future In IO 2: Extrahepatic TACE</td>
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<td>1300</td>
<td>MDT Round Table 3: Hepatocellular Carcinoma 2: Angiology And Immunology Of HCC</td>
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<td>1330</td>
<td>Special Session 1: Artificial Intelligence In Interventional Oncology</td>
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<td>1400</td>
<td>Focus Workshop 4: Tumour Ablation 3: Advanced Ablation In Oncology</td>
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<td>Special Session 2: Breast Imaging Workshop</td>
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<td>1500</td>
<td>Live Transmission: US And CT-Guided Microwave Ablation Of Superior Segment Liver Tumour</td>
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<td>1530</td>
<td>Guerbet Strategic Meeting: Asian Consensus In The Standardization Of cTACE In HCC</td>
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<td>1600</td>
<td>Special Session 3: Women In IO</td>
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<td>1630</td>
<td>Special Session 4: Spine Intervention In Oncology</td>
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<td>1700</td>
<td>Guerbet cTACE Challenge</td>
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<td>1730</td>
<td>Young Investigator Award Presentation Challenge 2</td>
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<td>1800</td>
<td>Special Session 5: Dual Energy MDCT: Principles, Technical Pitfalls And Application</td>
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<td>1830</td>
<td>APSIO Council Meeting</td>
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* Live E-Poster Presentations will be held at the Poster Judging area.
* 0830 - 1000 hrs | 1400 - 1530 hrs

**END OF DAY 1**

**Presidental Dinner (By Invitation Only)**
## Programme Overview - Day 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Venue</th>
<th>Session/Workshop</th>
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<tr>
<td>0700</td>
<td>Lecture Hall A</td>
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<tr>
<td>0730</td>
<td>Conference Hall 1</td>
<td>Industrial Breakfast Symposium By Boston Scientific TheraSphere® In Liver Radioembolisation</td>
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<tr>
<td>0800</td>
<td>Lecture Hall B</td>
<td>Foundation Course 7: Safe Sedation In IO</td>
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<tr>
<td>0830</td>
<td>Room 306</td>
<td>Foundation Course 8: TACE - Liver And Beyond</td>
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<tr>
<td>0830</td>
<td>Room 304 + 305</td>
<td>Foundation Course 9: Basics Of Thermal Ablation In Lung</td>
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<tr>
<td>0830</td>
<td>Room 303</td>
<td>Foundation Course 10: Radiation Protection In IO</td>
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<td>0830</td>
<td>Room 308</td>
<td>Top 10 Best Paper Oral Presentation</td>
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<td>0900</td>
<td>Room 309</td>
<td>Oral Presentation 6</td>
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<td>1030</td>
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<td>Oral Presentation 7</td>
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<td>1100</td>
<td>Lecture Hall B</td>
<td>Tea Break &amp; Booth Symposium By: [Boston Scientific] [Canon Medical]</td>
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<td>1130</td>
<td>Lecture Hall B</td>
<td>Focus Workshop 5: DEB-TACE In HCC</td>
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<td>Lecture Hall B</td>
<td>Extreme IO Case Challenge Premium Edition</td>
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<td>1230</td>
<td>Lecture Hall B</td>
<td>Special Session 7: Advanced Imaging In Head And Neck: State Of The Art</td>
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<tr>
<td>1300</td>
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<td>Nurse &amp; Radiographer Session: Nursing And Radiographer Roles In IR: Part 2</td>
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<tr>
<td>1330</td>
<td>Lecture Hall B</td>
<td>Oral Presentation 8</td>
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<tr>
<td>1400</td>
<td>Lecture Hall B</td>
<td>Oral Presentation 9</td>
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<tr>
<td>1430</td>
<td>Lecture Hall B</td>
<td>Lunch Symposium By Philips: 3D Angiographic Guidance In IR</td>
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<tr>
<td>1440</td>
<td>Lecture Hall B</td>
<td>Lunch Symposium By BD: Venous Intervention In Oncology</td>
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<tr>
<td>1500</td>
<td>Lecture Hall B</td>
<td>Lunch &amp; Exhibit Visit</td>
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<tr>
<td>1530</td>
<td>Lecture Hall B</td>
<td>Industry Sponsored Symposium By Canon Medical: Hybrid Angio-CT Technology</td>
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<tr>
<td>1530</td>
<td>Lecture Hall B</td>
<td>Future In IO 3: Balloon TACE In Liver Tumours</td>
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<tr>
<td>1530</td>
<td>Room 304 + 305</td>
<td>Live Transmission: DC Bead® DEB-TACE</td>
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<td>1530</td>
<td>Room 306</td>
<td>Special Session 8: IO In Asia 1</td>
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<td>Room 308</td>
<td>MDT Round Table 4: Prostatic Imaging And Interventions</td>
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<td>Room 309</td>
<td>Oral Presentation 10</td>
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<tr>
<td>1530</td>
<td>Room 302</td>
<td>Oral Presentation 11</td>
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<tr>
<td>1600</td>
<td>Lecture Hall B</td>
<td>Future In IO 4: Liver Metastases: The Next Frontier</td>
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<tr>
<td>1630</td>
<td>Lecture Hall B</td>
<td>Focus Workshop 6: Hepatocellular Carcinoma - Options Beyond Guidelines</td>
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<tr>
<td>1700</td>
<td>Lecture Hall B</td>
<td>Extreme IO Case Challenge 4</td>
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<td>1730</td>
<td>Lecture Hall B</td>
<td>Special Session 9: IO In Asia 2</td>
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<td>1800</td>
<td>Lecture Hall B</td>
<td>Focus Workshop 7: Scientific Writing</td>
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<tr>
<td>1900</td>
<td>Lecture Hall B</td>
<td>Asia Pacific Cryoablation Challenge</td>
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<td>1900</td>
<td>Lecture Hall B</td>
<td>Congress Dinner, Award Presentation &amp; Cultural Night</td>
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<tr>
<td>1900</td>
<td>Lecture Hall B</td>
<td>End of Day 2</td>
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* Live E-Poster Presentations will be held at the Poster Judging area. 0830 - 1000 hrs
# Programme Overview - Day 3

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<th>Lecture Hall A</th>
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<td>Room 306</td>
<td>Room 304 + 305</td>
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<td>0700</td>
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<tr>
<td>0730</td>
<td><strong>Industrial Breakfast Symposium By Guerbet:</strong></td>
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<td></td>
<td>Conventional TACE For Hepatocellular Carcinoma</td>
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<td>0800</td>
<td><strong>Foundation Course 11:</strong> Teaching Course In Cryoablation</td>
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<tr>
<td>0830</td>
<td><strong>Foundation Course 12:</strong> Basics In Thyroid Ablation</td>
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<tr>
<td>0900</td>
<td><strong>Foundation Course 13:</strong> Hepatobiliary Imaging Beyond Basics</td>
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<tr>
<td>0930</td>
<td><strong>Foundation Course 14:</strong> Irreversible Electroporation (IRE)</td>
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<td><strong>Foundation Course 15:</strong> Vascular And Lymphatic Concerns In IO</td>
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<tr>
<td>1030</td>
<td><strong>MDT Round Table 5:</strong> Renal And Urologic Malignancies</td>
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<tr>
<td>1100</td>
<td><strong>Focus Workshop 8:</strong> Radioembolisation In Liver Malignancies</td>
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<tr>
<td>1130</td>
<td><strong>MDT Round Table 6:</strong> Colorectal Carcinoma: Chemoresistant Colorectal Liver Metastases</td>
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<td>1200</td>
<td><strong>Focus Workshop 9:</strong> Radioiodine Brachytherapy In Olgometastatic Disease And Visceral Organs</td>
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<td><strong>Focus Workshop 10:</strong> Interventions In Biliary And Pancreatic Malignancies</td>
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<tr>
<td>1300</td>
<td><strong>Special Session 11:</strong> General Interventions For Clinical Radiologists</td>
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<td><strong>MDT Round Table 7:</strong> Functional Precision Medicine In Lung Cancer Management</td>
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<td>1400</td>
<td><strong>Focus Workshop 11:</strong> Ablations &amp; TACE Beyond Conventions</td>
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<td><strong>Focus Workshop 12:</strong> Portal Vein Interventions In IO</td>
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<td><strong>Special Session 12:</strong> Exam Tips And Tricks For Trainees &amp; Training The Trainers</td>
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<td>1530</td>
<td><strong>Morbidity And Mortality 2:</strong> My Worst Nightmare</td>
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<td><strong>Extreme IO Case Challenge 6</strong></td>
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**Closing Ceremony**
DETAILED PROGRAMME
### Lecture Hall A (Plenary Theatre)

#### Plenary Lecture

**1000 - 1200 hrs**

**PL 01**

**Plenary 1: The Journey Of IR In Malaysia**
- Abdul Samad Sakijan (MAS)

**PL 02**

**Plenary 2: 4th Pillar In Modern Oncology: Current State-Of-The-Art And Future Innovation In Interventional Oncology**
- Yasuaki Arai (JPN)

**PL 03**

**Plenary 3: Interventional Oncology: A Mainstream Clinical Practice**
- Andreas Adam (GBR)

### APCIO Meets SIO

**1200 - 1300 hrs**

**Chairpersons:** Josephine Subramaniam (MAS) / Ren-Jie Yang (CHN)

**SIO 01**

**Evolution Of Interventional Oncology And The Global Vision Of Society Of Interventional Oncology (SIO)**
- Pua Uei (SGP)

**SIO 02**

**IO As A Subspecialty And Our Path Forward**
- William S. Rilling (USA)

**SIO 03**

**Preoperative Liver Regeneration Strategies To Improve The Safety Of Major Hepatic Resection: Which One And When?**
- David C. Madoff (USA)

### Lunch Symposium By Canon Medical

**The Power Of Angio-CT: Seeing The Unseen**

**1300 - 1400 hrs**

**Chairpersons:** Tan Bien Soo (SGP) / Yasuaki Arai (JPN)

**CN 01**

**This Is It! Analyzing IO Techniques Finally Results In Angio-CT**
- Yasuaki Arai (JPN)

**CN 02**

**Value-Added Benefits Of Angio-CT In Maximising IO Services**
- Shunsuke Sugawara (JPN)

**CN 03**

**New Concepts In Interventional Oncology: The Power Of Angio-CT In Game Planning, Outcome Prediction, Region At Risk, 3D Visualisation, 3D Safety Margin, Embolic Density And Detection Of Complications**
- Alex Tang (MAS)

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### Foundation Course

**FC 1 : Foundation Course 1**

**Precision In Targeted Biopsy: How To Optimise Your Biopsies And Handle The Bleed**

**0730 - 0830 hrs**

**Course Directors:**
- Ridzuan Abd Rahim (MAS)
- Anuchit Ruamthanthong (THA)

**FC 01.1**

**CT-Guided Biopsy: How Do I Do The Dangerous Biopsies With Ease**
- Anuchit Ruamthanthong (THA)

**FC 01.2**

**Liver Biopsy: Targeting The Difficult Lesions - Tips And Tricks**
- Ridzuan Abd Rahim (MAS)

**FC 01.3**

**Handling Bleed During Biopsies: Gelfoam, Coils And Glue Make It Easy**
- Rickie Lik-Fai Cheng (HKG)

### MDT Round Table

**MDT 1 : MDT Round Table 1**

**Hepatocellular Carcinoma 1 : Clinical Assessment Of HCC**

**0830 - 1000 hrs**

**Chairpersons:**
- Hideyuki Nishiofuku (JPN)
- Tan Soek Siam (MAS)

**MDT 01.1**

**HCC: What The Hepatologist Sees?**
- Tan Soek Siam (MAS)

**MDT 01.2**

**Management Guidelines In HCC: What A Surgeon Follows? - The Surgeon’s Perspective / Choice**
- Krishnan Raman (MAS)

**MDT 01.3**

**Management Stratification In HCC: What An IR Should Know?**
- Koichiro Yamakado (JPN)

**MDT 01.4**

**Downstaging Of Hepatocellular Carcinoma With TACE**
- Yu-Fan Cheng (TPE)

**MDT 01.5**

**Phase II Trial Of Sorafenib Combined With On-Demand Transarterial Chemoembolisation For Advanced Stage Hepatocellular Carcinoma (BCLC Stage C): STAB Study**
- Hideyuki Nishiofuku (JPN)

**MDT 01.6**

**Case Presentation: Hilar HCC And Panel Discussion**
**Presenter:** Ch’ng Li Shyan (MAS)
**Panelist:** Tan Soek Siam (MAS), Krishnan Raman (MAS), Koichiro Yamakado (JPN), Matin Mellor (MAS), Yu-Fan Cheng (TPE), Hideyuki Nishiofuku (JPN), John Park Sang Joon (KOR), Thajunnisa Hassan Mohd (MAS)
Congress Day 1 - 3rd October 2019 (Thursday)

Lecture Hall A (Plenary Theatre)

MDT 3: Round Table 3
Hepatocellular Carcinoma 2: Angiology And Immunology Of HCC
1400 - 1500 hrs

Chairpersons: Luan Dinh Nguyen (VIE) / Sanjiv Sharma (IND)

MDT 03.1 Angio-Architecture, Angiosome And Hemodynamic Classifications In HCC: The Impact In A Successful cTACE
Shiro Miyayama (JPN)

MDT 03.2 Interventional Implications Of Portal Venous Hemodynamic, AV And AP Shunts In HCC
Yi-Sheng Liu (TPE)

MDT 03.3 Pathology In HCC: What The New Immunohistochemistry Entails?
Pathmanathan Rajadurai (MAS)

MDT 03.4 Immunology And Check Point Receptor Researches In HCC
Mohamed Ibrahim Abdul Wahid (MAS)

FW 3 : Focus Workshop 3
Conventional TACE In HCC
1600 - 1800 hrs

Chairpersons: John Park Sang Joon (KOR) / Toshihiro Tanaka (JPN)

FW 03.1 Lipiodol: Biochemistry And Biophysiological Characteristics Of Water In Oil Vs Oil In Water In HCC: From Bench Top To Clinical Applications
Thierry De Baere (FRA) (Guerbet)

FW 03.2 Angiology And Principles Of cTACE For HCC
Yasuaki Arai (JPN)

FW 03.3 Understanding The Principles, Roles, Indications And Contraindications In TACE - SOP Guideline CIRSE 2012: Quality Improvement Guidelines For Hepatic TACE: Strength And Weakness
Yi-Sheng Liu (TPE)

FW 03.4 My Secret Invention: Optimising Emulsification Of Lipiodol Mixture
Toshihiro Tanaka (JPN)

FW 03.5 Superselective cTACE In HCC: How Do I Do It?
Shiro Miyayama (JPN)

FW 03.6 AP And AV Shunts In cTACE: How To Handle?
John Park Sang Joon (KOR)

FW 03.7 Extrahepatic Feeders In HCC: Is It Safe To Embolise And Best Treatment Approach
Hideyuki Nishiofuku (JPN)

FW 03.8 Combined Ablation And cTACE: Technical Feasibility, How Long Do I Wait And Clinical Evidence
Pua Uei (SGP)
Lecture Hall B (Conference Hall 1)

FC 2: Foundation Course 2
Basics Of Thermal Ablation In Liver
0730 - 0830 hrs
Course Directors: Danny Cho (HKG) / Luan Dinh Nguyen (VIE)
FC 02.1 Case Selection, Pre-Procedural Preparation And Pain Control (Sedation / GA)
Luan Dinh Nguyen (VIE)
FC 02.2 Optimising Zone Of Ablation: Understanding Needle Geometry And Zone Of Ablation / Heat Sink Effect In Radiofrequency Ablation, Microwave Ablation And Cryoablation
Masatoshi Tanaka (JPN)

FW 1 : Focus Workshop 1
Tumour Ablation 1: Thermal Ablation In Hepatocellular Carcinoma
0830 - 1000 hrs
Chairpersons: Sheng-Nan Lu (TPE) / Muhammad Azeemuddin (PAK)
FW 01.1 Thermal Ablation For HCC: What’s New In 2019
Hyunchul Rhim (KOR)
FW 01.2 LeVeen™ RFA Needle Electrode: Spherical And Larger Ablation Zone
Nutch Pinjaroen (THA)
FW 01.3 RFA In Small HCC: Technical Pitfalls And Literature Reviews
Sheng-Nan Lu (TPE)
FW 01.4 RFA In Intermediate HCC: Needle Geometry, Case Selection, And Combination Techniques In Optimising Outcome And The Clinical Evidence
Peter Goh (SGP)
FW 01.5 Emprint™ Ablation System With Thermosphere™ Technology In Microwave Ablation: The Confidence Of Spherical Burn
Pua Uei (SGP)

Special Session 1
Artificial Intelligence In Interventional Oncology
1200 - 1300 hrs

Congress Day 1 - 3rd October 2019 (Thursday)

Chairpersons: Chih-Horng Wu (TPE) / Graham Munneke (GBR)
SS 01.1 Artificial Intelligence In Interventional Radiology: What Does It Entail?
Chih-Horng Wu (TPE)
SS 01.2 Artificial Intelligence In Interventional Oncology: How Can It Optimise My Practice?
Ng Kwan Hoong (MAS)
Q & A

Lunch Symposium By Boston Scientific
Meet The Masters In Interventional Oncology
1300 - 1400 hrs
Chairpersons: Richie Lik-Fai Cheng (HKG) / Ding-Kwo Wu (TPE)
BSC 01 Galil Cryoablation In IO: Transcending The Limits In Cancer Management
Afshin Gangi (FRA)
BSC 02 DEBIRI In Colorectal Cancer Liver Metastases
Toshihiro Tanaka (JPN)
BSC 03 TheraSphere® Radioembolisation In HCC: New Frontiers In Curative Intent
Matthew Johnson (USA)

FW 2 : Focus Workshop 2
Tumour Ablation 2: Percutaneous Ablation In Lung Tumours
1400 - 1500 hrs
Chairpersons: Jean Palussière (FRA) / Prijo Sidipratomo (INA)
FW 02.1 Clinical Stratification In Lung Cancer Management: Surgery Versus Focal Ablation - How Do I Decide?
Liam Chong Kin (MAS)
FW 02.2 Percutaneous Ablation In Primary And Secondary Lung Tumours: What Is The Current Practice?
Jean Palussière (FRA)
FW 02.3 Lung Ablation Is A Safe Procedure: Pitfalls In Avoidance Of Complications
Alda Tam (USA)
FW 02.4 Cryoablation In Challenging Territories: Technical Optimisation And Risk Avoidance
Tze Min Wah (GBR)

FW 4 : Focus Workshop 4
Tumour Ablation 3: Advanced Ablation In Oncology
1600 - 1800 hrs
Lecture Hall B (Conference Hall 1)

**Chairpersons:** Tze Min Wah (GBR) / Qi-Yu Zhao (CHN) / Tian-An Jiang (CHN) / Yun Cheng (CHN)

**Session 1:** Tze Min Wah (GBR) / Qi-Yu Zhao (CHN)

**FW 04.1** Image-Guided Irreversible Electroporation (IRE): The Current Status  
Tze Min Wah (GBR)

**FW 04.2** EUS-Guided Laser Ablation For Perigastroduodenal Tumours  
Tian-An Jiang (CHN)

**FW 04.3** Percutaneous Thermal Ablation: May We Do It Without Percutaneous Puncture?  
Jean Palussière (FRA)

**FW 04.4** Role Of Lung Ablation In Recurrent Disease Post Resection Of Primary Lung Tumour  
Brian Stainken (USA)

**Session 2:** Yun Cheng (CHN) / Tian-An Jiang (CHN)

**FW 04.5** RFA In Treatment Of Large HCC Adjacent To The Diaphragm  
Wei Wu (CHN)

**FW 04.6** Virtual Navigation In Liver Tumour Ablation  
Qi-Yu Zhao (CHN)

**FW 04.7** Efficacy And Safety Of Ultrasound-Guided Radiofrequency Ablation Of Parathyroid Nodules For Secondary Hyperparathyroidism  
Cheng-Zhong Peng (CHN)

**FW 04.8** Percutaneous Intraductal Chilled Saline Perfusion Assisted Thermal Ablation For Hilum Hepatocellular Carcinoma - What We Can Do If Intrahepatic Bile Duct Is Non-Dilated?  
Kai Li (CHN)

**FW 04.9** Early Assessment Of Malignant Liver Lesions After Ablation: A Comparison Of Contrast-Enhanced Ultrasound And Contrast-Enhanced MRI  
Na-He Meng (CHN)

Q & A
### Lecture Hall C (Room 306)

**FC 3 : Foundation Course 3**

**Chemoprot Insertion**

0730 - 0830 hrs

**Course Directors:** Anushya Vijayananthan (MAS) / Ch’ng Li Shyan (MAS)

**FC 03.1** *Indications And Contraindications*

Ch’ng Li Shyan (MAS)

**FC 03.2** *Case Preparation And How Do I Do The Sedation / Analgesia*

Akkawat Janchai (THA)

**FC 03.3** *Technical Approach And How Do I Do It?*

Anushya Vijayananthan (MAS)

**FC 03.4** *How Do I Manage A Failing Chemoprot*

Shuvro Roy Choudhury (IND)

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**Extreme IO Case Challenge Session 1**

0830 - 0900 hrs

**Chairperson:** Tan Bien Soo (SGP)

**Panellists:** Masatoshi Tanaka (JPN), Zuhanis Abdul Hamid (MAS), Rino Gani (INA), Erdenebulgan Batmunkh (MGL), Graham Munneke (GBR), Toshihiro Tanaka (JP), Norshazrina Sulaiman (JP)

**EIO 01**

Suyash Kulkarni (IND)

**EIO 02** *Complicated Type B Aortic Dissection Following Chemotherapy For Metastatic Cancer - Finding The True Lumen For Endovascular Repair*

Sanjiv Sharma (IND)

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**Live Transmission**

**cTACE of HCC**

0900 - 1000 hrs

**Primary Live Case Operator:** Shiro Miyayama (JPN)

**Assistant:** Nur Yazmin Yaacob (MAS)

**Live Site Moderator:** Tay Kiang Hiong (SGP)

**Chairperson:** Tan Bien Soo (SGP)

**Panellists:** Masatoshi Tanaka (JPN), Zuhanis Abdul Hamid (MAS), Rino Gani (INA), Erdenebulgan Batmunkh (MGL), Graham Munneke (GBR), Toshihiro Tanaka (JP), Norshazrina Sulaiman (JP)

**EIO 01** *A Case Of TACE and Radiotherapy Failure And Its Salvage Treatment By Lavanatinb And Sequential TACE*

Masatoshi Tanaka (JP)

**EIO 02** *Experience Of TACE In Giant And Complicated Unresectable HCC*

Kyaw Zay Ya (MMR)

**EIO 03** *A High Risk Patient With HCC At An Awkward Position*

Danny Cho (HK)

**EIO 04** *Acetabular Metastasis: You Will Run Again!*

Jean Palussiere (FRA)

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**Extreme IO Case Challenge Session 2**

1200 - 1300 hrs

**Chairpersons:** Roger Tok (MAS), Kittipitch Bannangkoon (THA)

**Panellist:** Hideyuki Nishiofuku (JPN), Bui Van Giang (VIE)

**EIO 03**

Masatoshi Tanaka (JPN)

**EIO 04**

Kyaw Zay Ya (MMR)

**EIO 05**

Danny Cho (HK)

**EIO 06**

Jean Palussiere (FRA)

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**Snapshot In IO**

1400 - 1500 hrs

**Chairpersons:** Melisa Lim (MAS) / Peter Goh (SGP)

**SNP 01**

Galil Cryoablation In Interventional Oncology: The Painless Ablation (BOSTON)

Peter Goh (SGP)

**SNP 02**

RFA Lung: How Do I Survive The Challenge? - A Stepwise Approach In Case Management

Alex Tang (MAS)

**SNP 03**

Neuroanatomic Considerations In Percutaneous Lung Ablation

Melisa Lim (MAS)

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**Live Transmission**

**US And CT-Guided Microwave Ablation Of Superior Segment Liver Tumour**

1500 - 1600 hrs

**Primary Live Case Operator:** Afshin Gangi (FRA)

**Assistant:** Roger Tok (MAS)

**Live Site Moderator:** Nur Yazmin Yaacob (MAS)

**Chairperson:** Terence Teo (SGP)

**Panellist:** Shuvro Roy Choudhury (IND), Tay Kiang Hiong (SGP), Hung-Ta Wu (TPE), Tan Soek Siam (MAS), Krishnan Raman (MAS), Marzida Mansor (MAS)
M&M 1: Morbidity And Mortality 1

My Worse Nightmare

1600 - 1800 hrs

Chairpersons: Tay Kiang Hong (SGP) / Ramon Augusto Hilarion S (PHI)

Panellist: David C. Madoff (USA) / Nur Adura Yaakup (MAS)

A. Case Presentations With Learning Objectives:
   Bad Outcome

MM 01.1 Case 1: Tan Bien Soo (SGP)

MM 01.2 Case 2: A Case Of Unfavorable Recurrence After Percutaneous RFA For Recurred HCC
   Masatoshi Tanaka (JPN)

MM 01.3 Case 3: Bleeding Pseudoaneurysm
   Muhammad Azeemuddin (PAK)

MM 01.4 Case 4: An Unusual Case Of Hemobilia Post PTBD Or Colonic Perforation From Liver RFA
   Tay Kiang Hong (SGP)

MM 01.5 Case 5: Suyash Kulkarni (IND)

B. Case Presentations With Learning Objectives:
   Good Outcome

MM 01.6 Case 6: Ngo Le Lam (VIE)

MM 01.7 Case 7: Treatment Large HCC In Indonesia
   Sahat Matondang (IND)

MM 01.8 Case 8: Case Of PET-CT Guided Microwave Ablation For Intrahepatic Cholangiocarcinoma
   Ramon Augusto Hilarion S (PHI)

MM 01.9 Case 9: Nur Adura Yaakup (MAS)

Q & A
**Lecture Hall A (Plenary Theatre)**

**Foundation Course**

- 0730 - 0830 hrs
  - **Course Directors:** Muhammad Fadli Embong (MAS) / Maizatul Jamny Mahmood (MAS)
  - **FC 04.1** Don't Touch Me! - When Not To Biopsy From The Imaging Perspective
    Maizatul Jamny Mahmood (MAS)
  - **FC 04.2** Biopsy Of Spinal Lesions: How Do I Do It?
    Muhammad Fadli Embong, (MAS)
  - **FC 04.3** Biopsy Of Bone Lesions In The Appendicular Skeleton: Pearls And Pitfalls
    Marvin T. Tamana (PHI)
  - **FC 04.4** MSK MRI Evaluation Of Bone Tumours: How Can We Assist The Surgeon?
    Maizatul Jamny Mahmood (MAS)
  - **FC 04.5** Bone Tumour Ablation: Pearls And Pitfalls
    Hung-Ta Wu (TPE)

**MDT Round Table 2**

- 0830 - 1000 hrs
  - **Chairpersons:** Bùi Văn Giang (VIE) / Marzida Mansor (MAS)
  - **MDT 02.1** Imaging Of Spinal Pain In The Oncology Patient: Benign Versus Malignant Diseases
    Roger Tok (MAS)
  - **MDT 02.2** Managing Pain In A Cancer Patient: Clinical Management Guideline
    Marzida Mansor (MAS)
  - **MDT 02.3** Sympathetic Nerve Blocks: Indications And Techniques
    Miyuki Sone (JPN)
  - **MDT 02.4** Oncological Spinal Pain Control: To Burn Or To Freeze?
    Naveen Rajadurai (MAS)
  - **MDT 02.5** Percutaneous Ablation And Cementoplasty Of Painful Osseous Metastatic Disease In Spine
    Bùi Văn Giang (VIE)
  - **MDT 02.6** Oncological Spinal Pain Control In Metastastic Diseases
    Afshin Gangi (FRA)
  - **MDT 02.7** Post Interventional Follow-up Imaging: How Do I Differentiate Between A Recurrent / Residual Disease Versus Inflammatory Changes
    Alex Lee Fook Seng (MAS)

**Future In IO 1**

**Stem Cell And Immunotherapy Session**

- 1200 - 1300 hrs
  - **Chairpersons:** Alda Tam (USA) / Miyuki Sone (JPN)
  - **FIO 01.1** Stem Cell-Based Cancer Immunotherapy: From Bench Top To Clinical Reality
    Tang Shin Yi (SGP)
  - **FIO 01.2** IO x IO: Combining Interventional Oncology And Immuno-Oncology - The Next Frontier In Oncology Management?
    Alda Tam (USA)
  - **FIO 01.3** Translational Research In IO And Immunology
    Haruyuki Takaki (JPN)

**Future In IO 2**

**Extrahepatic TACE**

- 1400 - 1500 hrs
  - **Chairpersons:** Xu Zhu (CHN) / Suyash Kulkarni (IND)
  - **FIO 02.1** TACE In Mediastinal And Lung Malignancies
    Shinichi Hori (JPN)
  - **FIO 02.2** TACE In Gynaecological Malignancies (Cervix And Uterus): Indications, Technical Pitfalls And Literature Reviews
    Yan-Li Wang (CHN)
  - **FIO 02.3** RADPLAT: The Japan Experience
    Miyuki Sone (JPN)
  - **FIO 02.4** Superselective Ophthalmic Arterial Chemo Infusion For Retinoblastoma: Promising Technique For Globe Salvage
    Suyash Kulkarni (IND)
Congress Day 1 - 3rd October 2019 (Thursday)

Lecture Hall D (Room 304 - 305)

Special Session 3
Women In Interventional Oncology

1600 - 1700 hrs

Chairpersons: Jeyaledchumy Mahadevan (MAS) / Yan-Li Wang (CHN)

SS 03.1 RESAIC: Salvage Therapy In Advanced Breast Cancer
Miyuki Sone (JPN)

SS 03.2 Chemoradiotherapy In Advanced Cervical Cancer: A Review Of Literature
Anushya Vijayananthan (MAS)

SS 03.3 Interventional Embolisation For Uterine Fibroids
Yan-Li Wang (CHN)

SS 03.4 Liquid Biopsy In Precision Medicine: Hype Of The Moment Or Hope Of The Future?
Alda Tam (USA)

SS 03.5 Essential Consideration In Adrenal Gland Ablation
Shu-Huei Shen (TPE)

Special Session 4
Spine Intervention In Oncology

1700 - 1800 hrs

Chairpersons: Amrit Koirala (NEP) / Muhammad Fadli Embong (MAS)

SS 04.1 Imaging Pitfalls In Spinal Tumours
Maizatul Jamny Mahmood (MAS)

SS 04.2 Vertebroplasty In IO: When To Do It and How Do I Do It?
Albert Goh (AUS)

SS 04.3 Managing Complications In Spine Interventions
Bùi Văn Giang (VIE)

SS 04.4 Cryoablation In Spinal Metastases
Hung-Ta Wu (TPE)
Nurse Session 1
Nursing In Interventional Radiology: An Overview
0830 - 1000 hrs

Chairpersons: Ren-Jie Yang (CHN) / Mei-Qi Wu (CHN)

NR 01 Tumour Nursing Team: Past, Present And Future
Ren-Jie Yang (CHN)

NR 02 Specialists Radiology Nursing Course And Training In
Singapore
Agnes Wong (SGP)

NR 03 Challenges In Setting Up An Interventional Radiology
Nursing Service In Public Hospital: The Malaysian
Experience
Jassmien Elmie Jamaludin (MAS)

NR 04 Teamwork In IR: Doing It The HKL Way
Ruzimah Mohamed @ Mahmood, (MAS)

Group Discussion

Nurse & Radiographer Session 1
Nursing And Radiographer Roles In IR: Part 1
1200 - 1300 hrs

Chairpersons: Agnes Wong (SGP) / Hur Ain Muhammad Seset (MAS)

NR 06 What A VIR Nurse Is Expected To Do?
Hur Ain Muhammad Seset (MAS)

NR 07 Application And Perioperative Nursing Of Y-Type
Covered Stent In Interventional Operation Of
Thoracostomach-Airway Fistula
Xiao Li (CHN)

NR 08 Nursing Care For Patients With Pulmonary Nodules
Locating By Spring Coil
Yue Gao (CHN)

NR 09 Analysis Of The Benefits Of Continuing Care On The
Patients With Liver Cancer After Intervention
Wei-Hong Li (CHN)

NR 10 Magnetic Resonance Guided Vacuum-Assisted
Breast Biopsy (MRg VABB) - The Role Of MRI
Radiographer
Wui Ai Leng (MAS)

Special Session 2
Breast Imaging Workshop
1400 - 1500hrs

Chairpersons: Kartini Rahmat (MAS) / Marлина Tanty Ramli Hamid (MAS)

SS 02.1 Breast Cancer Screening And Diagnosis In High Risk
Groups
Kartini Rahmat (MAS)

SS 02.2 Contrast-Enhanced Mammography-Guide For
Successful Reporting And Interpretation
Maninderpal Kaur Ranbir Singh (MAS)

SS 02.3 Pre-Operative Imaging And Staging Of Breast Cancer
Marлина Tanty Ramli Hamid (MAS)

SS 02.4 Vascular Architecture Evaluation With Smart
3D Superb Microvascular Imaging Can Improve
Specificity And Probably Reduce Unnecessary
Biopsy Of BI-RADS Category 4 Breast Masses
Hong-Yan Wang (CHN)

Guerbet cTACE Challenge
1600 - 1800hrs

Judges: Simon Yu (HKG), Pei-Hong Wu (China), Jin-Wook Chung
(KOR), Arun Gupta (IND), Koichiro Yamakado (JPN)

Chairpersons: TBC

GBT 01 Dr Rio Hermawan (INA)

GBT 02 Dr Satit Rojwacharabarn (THA)

GBT 03 Dr Ton Tai Nguyen (VIE)

GBT 04 Dr Izazul Hussin (MAS)

GBT 05 Dr Joemel Francisco (PHI)

GBT 06 Dr Lin Chun Yu (TPE)

GBT 07 Dr Thazin Than (MYA)

GBT 08 Dr Lin Yen Ting (TPE)
3rd October 2019
Lecture Hall E, Level 3
Kuala Lumpur Convention Centre
1600 - 1800 hrs

Panel of Judges:

Simon Yu
Chinese University of Hong Kong, China

Pei-Hong Wu
Sun Yat Sen University, China

Jin-Wook Chung
Seoul National University Hospital, South Korea

Arun Gupta
Sir Ganga Ram Hospital, India

Koichiro Yamakado
Mie University, Japan
**Congress Day 1 - 3rd October 2019 (Thursday)**

**Foundation Course**

**FC 5 : Foundation Course 5**

**Low Dose Lung Cancer Screening (LDLCS): Pitfalls And How Do I Report**

0730 - 0830 hrs

*Course Directors: Liam Chong Kin (MAS) / Zuhonis Abdul Hamid (MAS)*

FC 05.1  
**Early Lung Cancer Screening - Opportunities And Pitfalls**  
Liam Chong Kin (MAS)

FC 05.2  
**Technical Requirements, Radiation Dose And CT Changes In LDLCS**  
Zuhonis Abdul Hamid (MAS)

FC 05.3  
**Reporting Standards In LDLCS: LungRAD 2.0**  
Zuhonis Abdul Hamid (MAS)

FC 05.4  
**Follow-Up Management In Post LDLCS**  
Liam Chong Kin (MAS)

**Young Investigator Award Presentation Challenge**

0830 - 1000 hrs

*Judges: Shinichi Hori (JPN) / Matthew Johnson (USA) / Akkawat Janchai (THA) / William S. Rilling (USA)*

YIA 01  
**Pre-Operative Transarterial Embolisation In Primary And Secondary Bone Tumours**  
Junise Moideen (IND)

YIA 02  
**Hepatic Arterial Infusion With Oxaliplatin And 5-Fluorouracil For Unresectable Intrahepatic Cholangiocarcinoma**  
Kang-Lian Zheng (CHN)

YIA 03  
**Microwave Ablation In Primary Hepatocellular Carcinoma - A Single Institutional Experience**  
M.D. Pradeep (IND)

YIA 04  
**Can Adjutative HAIC Lower Tumour Recurrence Rate After Curative Hepatic Resection In Patients With Micrvascular Invasive HCC?**  
Chia-Ling Chieng (TPE)

YIA 05  
**Selective Embolisation Of Spleno-Renal Shunts For Treatment Of Hepatic Encephalopathy**  
Muthusubramanian Rajasekaran (IND)

YIA 06  
**Yttrium-90 Transarterial Radioembolisation Combined With Radiofrequency Ablation For Treatment Of Liver Cancer. Case Series**  
Nischal Kundaragi (IND)

**Oral Presentation 2**

1200 - 1300 hrs

*Moderators: Kartini Rahmat (MAS) / Nur Adura Yaakop (MAS)*

OR 009  
**Predictive Prevalence Of CYP2D6 Genetic Polymorphisms In South Asian Women Participated In 1000 Genomes Project: Optimising Safety And Effectiveness Of Tamoxifen Therapy**  
Mohitosh Biswas (BAN)

OR 010  
**Association Of P53 Codon 72 Arg/Pro Polymorphism With Breast Cancer Risk In The South Asian Population: A Meta-Analysis**  
Mohammad Safiqul Islam (BAN)

OR 011  
**The Role Of Shearwave Elastography In Prognostication Of Nodal Metastasis In Breast Cancer Patients**  
Norlia Omar (MAS)

OR 012  
**MicroRNA-432-5p Regulates Sprouting And Intussusceptive Angiogenesis Under Osteosarcoma Microenvironment By Targetting PDGFβ**  
Selvaraj Vimalraj (IND)

OR 013  
**Comparison Of Anti-Proliferative Effect Of Peel And Pericarp Of Sri Lankan Pomegranate Fruit “Delum” (Punica Granatum L.) With Different Extraction Methods On Rhabdomiosarcoma (RD) & Vero Cells**  
Udeshika Yapa Bandara (SRI)

continue on the next page
Lecture Hall F (Room 308)

Oral Presentation 4
1400 - 1500 hrs

Moderators: Zuhani Abdul Hamid (MAS) / Danny Cho (HKG)

OR 020 Bronchial Artery Embolisation: The Paradoxes
Zakhirati Zainol Abidin (MAS)

OR 021 Protective Role Of PLAT2 Inhibitor During Cigarette
Smoke Condensate Induced Anomalies In Lung
Epithelial Cells
Subodh Kumar (IND)

OR 022 Biomarker Testing For Advanced Lung Cancer By
Next-Generation Sequencing
Sanjeev Sharma (IND)

OR 023 Immune Cell Infiltration Is A Strong Prognostic
Indicator In Surgical Resection Of Small Cell Lung
Cancer
Peng Luo (CHN)

OR 024 Imaging Of Lung Tumour
Hendra Saragih (INA)

OR 025 Pre-Operative Spine Embolisation For Spinal
Tumours And Metastases: 6 Years Pusat Perubatan
Universiti Kebangsaan Malaysia Experience
Mohd Naim Mohd Yaakob (MAS)

Young Investigator Award Presentation Challenge
1600 - 1730 hrs

Judges: Shinichi Hori (JPN) / Matthew Johnson (USA) / Akkawat Janchai (THA) / William S. Rilling (USA)

YIA 11 Gold Nanoparticles Embedded Into A Metal-Organic
Framework: A New Approach Toward Cancer Therapy
Satish Pandey (IND)

YIA 12 Percutaneous Ultrasound-Guided Microwave
Ablation Is Effective For Primary Hyperparathyroidism:
A Preliminary Result
Wenjun Wu (CHN)

YIA 13 Clinical Efficacy Of Microwave Ablation Combined
With Hormone Suppressive Therapy In The Treatment Of Low-Risk Papillary Thyroid Carcinoma
Lu Qi (CHN)

YIA 14 The Clinical Effectiveness Of Cryoablation For T1b
Renal Cell Carcinoma Combined With Preoperative Transcatheter Arterial Embolisation
Yuichi Sugino (JPN)

YIA 15 A Cross-Sectional Study Of Efficacy Of Prostate Artery Embolisation (PAE) For Benign Prostate Hyperplasia (BPH) In HUKM Setting
Nik Farhan Nik Fauad (MAS)

YIA 16 Feasibility, Safety And Efficacy Of Genicular Artery Embolisation For Relief Of Knee Pain Related To Osteoarthritis
Sanjeev Kumar (IND)

YIA 17 The Role Of Minimally Invasive Treatment Methods In Patients With Bladder Neoplasms With Macrohematuria
Kaster Baizhanuly (KAZ)

YIA 18 Survival Rates, Recurrence Rates And Predictors Of Survival Among Hepatocellular Carcinoma Patients Undergoing Percutaneous Radiofrequency Ablation In A Malaysian Tertiary Hospital
Wei Lin Ng (MAS)

YIA 19 Feasibility And Safety Of Transcatheter Arterial Chemoembolisation Using HepaSphere For Breast Cancer Liver Metastases
Norifumi Kennoki (JPN)

YIA 20 The Effectiveness Of Histocryary Glue Particles For Percutaneous Transhepatic Portal Vein Embolisation In Mongolia
Gantulga Vanchinsuren (MGL)
Lecture Hall G (Room 309)

FC 6 : Foundation Course 6
Fundamentals In Hepatobiliary Interventions
0730 - 0830 hrs
Course Directors: Izazul Hussin (MAS) / John Park Sang Joon (KOR)

FC 06.1 Normal Anatomy And Variants Of The Hepatic Arterial Supply – Pearls And Pitfalls For The Young IRs
Izazul Hussin (MAS)

FC 06.2 Practical Experiences In Abnormal Feeding Vessels With Difficult Access
Kyaw Zay Ya (MMR)

FC 06.3 Biliary Anatomy Variants And Its Significance In Biliary Stenting
Shunsuke Sugawara (JPN)

FC 06.4 Portal Vein Anatomy And Its Importance In Portal Vein Embolisation
John Sang Joon Park (KOR)

Oral Presentation 1
0830 - 1000 hrs
Moderators: Ngo Le Lam (VIE) / Ridzuan Abd Rahim (MAS)

OR 001 Boesenbergin A From Boesenbergia Rotunda Inhibits The Proliferation Of Liver (HepG2 Cells) Cancer
Peter Waziri (NGR)

OR 002 Implication Of Global Histone Methylation (H3K4ME) Levels In The Prognosis Of Clear Cell Renal Cell Carcinoma
Ujjawal Sharma (IND)

OR 003 Case Series Of Spontaneous Rupture Of Hepatocellular Carcinoma Presenting With Hypotension And Haemoperitoneum
Jih Huei Tan (MAS)

OR 004 Tumour Perfusion Evaluation Of Hepatocellular Carcinoma Treated With Transarterial Chemoembolisation By Quantitative Contrast Enhanced Ultrasound
Ming Liu (CHN)

OR 005 A Randomised Phase II Study To Evaluate The Safety And Efficacy Of Oral S-1 In Combination With Sequence Hepatic Arterial Infusion Of Oxaliplatin After Transarterial Chemoembolisation In Patients With Advanced Hepatocellular Carcinoma
Di Wu (CHN)

Congress Day 1 - 3rd October 2019 (Thursday)

OR 006 Shear Wave Elastography Versus Real-Time Elastography On Evaluation The Ablation Zone Of Rabbit Liver: A Preliminary Experimental Study
Ming Xu (CHN)

OR 007 Calculating Cut Off Value Of Damping Index Using Doppler Ultrasound To Identify The Child Pugh C Patients
Nidhi Agrawal (IND)

OR 008 Prognostic Value Of Enhancement Rate By Enhanced Ultrasound In Hepatitis B Virus-Positive Hepatocellular Carcinoma Undergoing Radiofrequency Ablation
Zhou Guo (CHN)

Oral Presentation 3
1200 - 1300 hrs
Moderators: Fadhli Mohamed Sani (MAS) / Chandy Chea (CAM)

OR 014 Assessment Of Efficacy And Safety Of The Transcatheter Arterial Chemoembolisation With Or Without Apatinib In The Treatment Of Huge Hepatocellular Carcinoma
Juanfang Liu (CHN)

OR 015 Audit Of Carotid Doppler Sonography: Spectrum Of Findings At A Tertiary Hospital In North-Western Nigeria
Anas Ismail (NGR)

OR 016 Comparing Central Line Associated Bloodstream Infection (CLABSI) Rate Between Cuffed Tunneled And Non-Cuffed Tunneled Peripherally Inserted Central Catheter (PICC)
Eric Chung (MAS)

OR 017 Journey On Aneurysms - Interventional Bail Out
M.D. Pradeep (IND)

OR 018 Moya-Moya Syndrome As A Rare Cause Of Stroke: MRA And CTA Findings
Manju T Raja (MAS)

OR 019 Multiple Anomalous Pulmonary Venous Connections Where Three Pulmonary Veins Are Draining Into Right Atrium
Akshaykumar Kamble (IND)

continue on the next page
Lecture Hall G (Room 309)

Oral Presentation 5
1400 - 1500 hrs
Moderator: Anuchit Ruamthanthong (THA) / Jeyaledchumy Mahadevan (MAS)

OR 026  Symptomatic Complicated Type B Dissection - Outcomes Of Endovascular Repair, Impact On Aortic Remodeling
Sanjeev Kumar (IND)

OR 027  Early Outcomes Of Endovascular Management Of Aortic And Renal Artery Stenosis In Patients Of Takayasu’s Arteritis Presenting With Uncontrolled Hypertension And Left Ventricular Dysfunction
Sanjeev Kumar (IND)

OR 028  Successful Transvenous Coiling Of Bilateral Ophthalmic Dural Arteriovenous Fistula
Norhafizah Ehsan (MAS)

OR 029  A Case Report Of Segmental Arterial Mediolysis : A Rare Disease Manifesting As Multiple Mesenteric Aneurysms
Nattachai Kruajak (THA)

OR 030  Role Of Interventional Radiologists In Image Guided Chemopert Insertion: An Oncology Centre Experience
Abhishek Bansal (IND)

Special Session 5
Dual Energy MDCT: Principles, Technical Pitfalls and Application
1600 - 1800 hrs
Chairperson: Maninderpal Kaur Ranbir Singh (MAS) / Thajunnisa Hassan Mohd (MAS)

SS 05.1  Canon Medical
Novel Technology Of Iodine Mapping For Liver Lesion
Teoh Wey Chyi (SGP)

SS 05.2  Siemens
Dual Energy In Oncology
Chin Wai Leng (SGP)

SS 05.3  Philips
Next Generation Of Spectral CT And Revolutionary Detection-Based Technology
Eric Ting (SGP)
## Industrial Breakfast Symposium By BSC

**TheraSphere® In Liver Radioembolisation**

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>0730 - 0830 hrs</td>
<td><strong>Chairpersons:</strong> Norshazriman Sulaiman (MAS) / Sahat Matondang (INA)</td>
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<tr>
<td>BSC 04</td>
<td>Radioembolisation: Patient Selection</td>
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<td>Somrach Thamtorawat (THA)</td>
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<tr>
<td>BSC 05</td>
<td>Radioembolosation: Dose Calculation In Outcome Optimisation</td>
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<td>Ramon Augusto Hilario S (PHI)</td>
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<td>BSC 06</td>
<td>Current Status Of Yttrium - 90 In Metastatic Colorectal Cancer</td>
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<td>William S. Riling (USA)</td>
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<tr>
<td>BSC 07</td>
<td>TheraSphere® In HCC: Current Status And Result</td>
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<td>Matthew Johnson (USA)</td>
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## APSIO / CIRSE / SIR / APSCVIR Joint Session

**Training and Practice In Interventional Oncology: A Global Vision In Standardisation Of Care**

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>0830 - 1030 hrs</td>
<td><strong>Chairpersons:</strong> Alex Tang (MAS) / Andreas Adam (GBR) / Brian Stainken (USA) / Tan Bien Soo (SGP) / Ren-Jie Yang (CHN)</td>
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<tr>
<td>JS 01</td>
<td>APCIO: Past, Present And Future</td>
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<tr>
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<td>Ren-Jie Yang (CHN)</td>
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<tr>
<td>JS 02</td>
<td>APSCVIR For Asia: The Vision And Mission</td>
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<td>Tan Bien Soo (SGP)</td>
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<tr>
<td>JS 03</td>
<td>IO In CIRSE - The Challenges Ahead</td>
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<td>Afshin Gangi (FRA)</td>
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<tr>
<td>JS 04</td>
<td>Reaching To The World Beyond: SIR Giveback And Outreach Program</td>
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<td>Brian Stainken (USA)</td>
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<tr>
<td>JS 05</td>
<td>Interventional Oncology: How I Practise As A Clinician</td>
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<td>Andreas Adam (GBR)</td>
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<tr>
<td>JS 06</td>
<td>A Comprehensive Quality Assurance Program In Interventional Oncology: A Lesson Well-learned From Radiation Oncology</td>
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<td>Lizbeth Kenny (AUS)</td>
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<tr>
<td>JS 07</td>
<td>Making IR My Career: Learning From SIR In Making IR The First Choice In Young Graduates</td>
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<td>Brian Stainken (USA)</td>
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<tr>
<td>JS 08</td>
<td>Journey In IO: My Life Story</td>
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<td>Yasuaki Arai (JPN)</td>
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<tr>
<td>JS 09</td>
<td>Panel Discussion: Alex Tang (MAS), Andreas Adam (GBR), Lizbeth Kenny (AUS), Afshin Gangi (FRA), Ren-Jie Yang (CHN), Yasuaki Arai (JPN), Tan Bien Soo (SGP), Brian Stainken (USA)</td>
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## Lunch Symposium By Philips

**3D Angiographic Guidance In IR**

<table>
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<td>1300 - 1400 hrs</td>
<td><strong>Chairpersons:</strong> Gunawan Santoso (INA) / Kittipitch Bannangkoon (THA)</td>
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<tr>
<td>PHP 01</td>
<td>Emboguide In IO: My Invention And Its Applications</td>
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<td>Shiro Miyayama (JPN)</td>
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<td>PHP 02</td>
<td>Emboguide In TACE: I Love It</td>
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**Congress Day 2 – 4th October 2019 (Friday)**

### APCIO Meets APASL & APPLE

<table>
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<tr>
<td>1130 - 1300 hrs</td>
<td><strong>Chairpersons:</strong> Rosmawati Mohamed (MAS) / Josephine Subramaniam (MAS)</td>
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<tr>
<td>APL 01</td>
<td>Hepatocellular Carcinoma: Disease Burden, Clinical Surveillance Guideline And Antiviral Treatment</td>
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<td>Rosmawati Mohamed (MAS)</td>
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<td>APL 02</td>
<td>Prognostic Impact Of Transcatheter Arterial Chemoembolisation Combined With Radiofrequency Ablation In Patients With Unresectable Hepatocellular Carcinoma: A Comparison To TACE Alone Using Decision-Tree Analysis After Propensity Score Matching</td>
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<tr>
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<td>Masatoshi Tanaka (JPN)</td>
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<td>APL 03</td>
<td>Combination Strategy Of External Beam Radiotherapy And TACE</td>
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<tr>
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<td>Jinsil Seong (KOR)</td>
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<tr>
<td>APL 04</td>
<td>Targeted Drugs &amp; Immunotherapy In HCC: New Frontier In HCC Management</td>
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<tr>
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<td>Mohamed Ibrahim Abdul Wahid (MAS)</td>
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<tr>
<td>APL 05</td>
<td>Current Recommendation In The Antiviral Drugs For Hepatitis C</td>
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<td>Rino Gani (INA)</td>
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### Lunch Symposium By Philips

**3D Angiographic Guidance In IR**

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Industry Sponsored Symposium By Canon Medical

Hybrid Angio-CT Technology

1400 -1500 hrs

Chairpersons: Tay Kiang Hiong (SGP) / Izazul Hussin (MAS)

CN 04 Hybrid Angio-CT Interventional Suite: Expensive Gimmick Or Essential Tool? 
Tay Kiang Hiong (SGP)

CN 05 New Milestone In Liver Intervention 
Nutcha Pinjaroen (THA)

CN 06 Embotrack In IO: The Angiographic Google Map In Precision Medicine 
Alex Tang (MAS)

CN 07 Angio-CT In Non-Vascular Intervention: The Sky Is The Limit 
Shunsuke Sugawara (JPN)

Future In IO 4

Liver Metastases: The Next Frontier

1600 - 1730 hrs

Chairpersons: Thazin Than (MYA) / Koichiro Yamakado (JPN)

FIO 04.1 Vandetanib-Eluting Radiopaque Embolic Beads In Patients With Resectable Liver Malignancies 
Graham Munneke (GBR)

FIO 04.2 Transarterial Chemosaturation In Chemoresistant Hepatic Metastases: Technical Pitfalls And Outcomes 
Alex Tang (MAS)

FIO 04.3 Microsphere TACE For Colorectal And Breast Cancer Liver Metastases 
Shinichi Hori (JPN)

FIO 04.4 Radiofrequency Ablation Combined With Hepatic Chemoembolisation Using Degradable Starch Microsphere Mixed With Mitomycin C For The Treatment Of Liver Metastases From Colorectal Cancer: A Prospective Multicenter Study 
Koichiro Yamakado (JPN)

FIO 04.5 Transarterial Management In Liver Metastases: The Beijing Protocol 
Xu Zhu (CHN)

FIO 04.6 Hepatic Artery Infusion With Oxaliplatin Combined With 5-FU Or Raltitrexed For Colorectal Cancer Liver Metastases: Single-Center Prospective Randomised Controlled Study 
Ai-Wei Feng (CHN)
Congress Day 2 – 4th October 2019 (Friday)

Lecture Hall B (Conference Hall 1)

Industrial Breakfast Symposium By Canon Medical
Hybrid CT-Angio System In Interventional Oncology
0730 - 0830 hrs
Chairpersons: Sugawara Shunsuke (JPN) / Marvin Tamana (PHI)
CN 08 Principles And Applications Of Angio-CT In IR/IO
Alex Tang (MAS)
CN 09 Angio-CT In Liver Embolisation
Nutcha Pinjaroen (THA)
CN 10 CT-Angio In Non-Vascular Intervention
Shunsuke Sugawara (JPN)

Special Session 6
Advanced Hepatobiliary Imaging Workshop
0830 - 1030 hrs
Chairpersons: Surachate Siripongsakun (THA) / Andrew Tan (SGP)
SS 06.1 Spectrum Of Imaging Findings Of HCC From Early To
Advanced Stage In Cirrhotic And Non-Cirrhotic Liver
And The Role Of Primovist
Linda Brown (THA)
SS 06.2 C11 Acetate PET-CT In HCC: Chasing The Unseen
Andrew Tan (SGP)
SS 06.3 LI-RADS In Liver Tumour
Linda Brown (THA)
SS 06.4 Post Liver Intervention Follow-Up: Diagnostic Pitfalls
And Reporting The Right Things
Terence Teo (SGP)
SS 06.5 Imaging Of Cholangiocarcinoma And Premalignant
Lesions
Surachate Siripongsakun (THA)
SS 06.6 Imaging In Pancreatic Cancer: Early Signs That I
Should Not Miss
Linda Brown (THA)
SS 06.7 Imaging In NET: CT, MRI Or PET?
Andrew Tan (SGP)

FW : Focus Workshop 5
DEB-TACE In HCC
1130 -1300 hrs
Chairpersons: Prijo Sidipratomo (INA) / Yu-Fan Cheng (TPE)
FW 05.1 Current Technology And Bench Top Biophysiological
Studies Of DEB-TACE In HCC
Thierry De Baere (FRA)
FW 05.2 Combined Targeted Drug And DEB-TACE For HCC:
Evidence And Data Review
Arun Gupta (INA)
FW 05.3 DC Bead® TACE: The Power Of Small Size Spheres
Ding-Kwo Wu (TPE)
FW 05.4 DEB-TACE In Treatment Of Large Hepatocellular
Carcinoma
Yu-Fan Cheng (TPE)
FW 05.5 Transradial TACE In HCC: Technical Feasibility And
Outcome
Wen Zhang, (CHN)
FW 05.6 Clinical Significance Of HepaSphere™ In Advanced
Stage HCC
Tao Pan (CHN)

Lunch Symposium By BD
Venous Intervention In Oncology
1300 - 1400 hrs
Chairperson: Akkawat Janchai (THA) / Anushya Vijayanathan (MAS)
BD 01 Portfolio Of Venous Access In IO: PICC And Port
Albert Goh (AUS)
BD 02 IR To Bedside Insertion: The Benefits, Challenge And
Management, Based On Real Hospital Experience In
Australia
Albert Goh (AUS)
Discussion / Q & A

continue on the next page
Future In IO 3
Balloon TACE in Liver Tumours

1400 - 1500 hrs

Chairpersons: Haruyuki Takaki (JPN) / Kyaw Zay Ya (MYA)

FIO 03.1 Flow Diversion And Isolation Techniques For Transarterial Therapy Of Liver Tumors: Pushing The Boundaries
David C. Madoff (USA)

FIO 03.2 Balloon TACE In HCC: The Australian Experience
Gerard Goh (AUS)

FIO 03.3 Reflux Control Catheter In Transarterial Therapy
Jean-Pierre Pelage (FRA)

FW 6: Focus Workshop 6
Hepatocellular Carcinoma - Options Beyond Guidelines

1600 - 1800 hrs

Chairpersons: Sanjiv Sharma (IND) / Huei-Lung Liang (TPE)

FW 06.1 Advances In Tumour Ablation: The Combined Ablation System
Rui-Bao Liu (CHN)

FW 06.2 Evolution In Management Of Advanced HCC: The Power Of Combined Therapy
Ho Gwo Fang (MAS)

FW 06.3 Ablative Chemoembolisation (ACE)
Simon Yu (HKG)

FW 06.4 Minimally Invasive And Multidisciplinary Comprehensive Diagnosis And Treatment For HCC: 2018 Guangzhou Consensus
Pei-Hong Wu (CHN)

FW 06.5 HAIC In HCC: The Taiwan Regime
Huei-Lung Liang (TPE)

FW 06.6 Liver-Directed Concurrent Chemoradiotherapy In BCLC C Hepatocellular Carcinoma
Jinsil Seong (KOR)

FW 06.7 Transcatheter Arterial Chemoembolisation Plus Hepatic Arterial Infusion Chemoembolisation Of Oxaliplatin, 5-Fluorouracil and Folinic Acid Combined With Sorafenib For Intermediate And Advanced Hepatocellular Carcinoma
Bao-Jiang Liu (CHN)
### Lecture Hall C (Room 306)

#### FC 7 : Foundation Course 7

**Safe Sedation In IO**

0730 - 0830 hrs

**Course Directors:** Marzida Mansor (MAS) / Terence Teo (SGP)

**FC 07.1** Basics Of Analgesia And Sedation Levels  
Marzida Mansor (MAS)

**FC 07.2** Peri- And Post-Poecdural Pain Control: What Are My Options?  
Terence Teo (SGP)

**FC 07.3** Precautions In The Young, The Elderly And Patients  
With Special Medical Needs  
Marzida Mansor (MAS)

#### Extreme IO Case Challenge Session 3

0830 - 0930 hrs

**Chairpersons:** Thazin Than (MYA) / Chandy Chea (CAM)

**Panellist:** Marvin Tamana (PHI), Anuchit Ruamthanthong (THA)

EIO 07  
Koichiro Yamakado (JPN)

EIO 08  
IO In Spine Metastasis  
Bùi Văn Giang (VIE)

EIO 09  
Chandy Chea (CAM)

EIO 10  
Stent Placement In SVC Syndrome  
Erdenebulgan Batmunkh (MGL)

#### Live Transmission

**LeVeen™ RFA For Liver Tumour**

0930 - 1030 hrs

**Primary Live Case Operator:** Nutcha Pinjaroen (THA)

**Assistant:** Nik Azuan Nik Ismail

**Live Site Moderator:** Peter Goh (SGP)

**Chairperson:** Tan Bien Soo (SGP)

**Panellists:** Lizbeth Kenny (AUS), Jinsil Seong (KOR), Mohamed Ibrahim Abdul Wahid (MAS), Amir Fuad Hussain (MAS), Ramon Augusto Hilarion S (PHI), Ding-Kwo Wu (TPE), Arun Gupta (IND)

#### Extreme IO Case Challenge Premium Edition

1130 - 1300 hrs

**Chairpersons:** Yasuaki Arai (JPN), David C. Madoff (USA)

**Panellist:** Tze Min Wah (GBR), Huei-Lung Liang (TPE), Amir Fuad Hussain (MAS), Norshazrina Sulaiman (JPN), Fam Xeng Inn (MAS), Ho Gwo Fuang (MAS),

EIO 11  
Simon Yu (HKG)

### Congress Day 2 – 4th October 2019 (Friday)

<table>
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<tr>
<th>Session</th>
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</table>
| EIO 12  | Percutaneous Cryoablation For The Management Of Chronic Pain Secondary To Locally Recurrent Rectal Cancer With Bowel And Nerve Root Involvement  
David C. Madoff (USA) |
| EIO 13  | Maximise The Border Of RCC Cryoablation: Non-Touch Technique For Tumor With Collecting System Invasion  
Shu-Huei Shen (TPE) |
| EIO 14  | Hai-Dong Zhu (CHN) |
| EIO 15  | Unexpected Challenge In Chemo-Embolisation Of Retinoblastoma  
Lau Jia Him (MAS) |
| EIO 16  | Shinichi Hori (JPN) |
| EIO 17  | Kittipitch Bannangkoon (THA) |
| EIO 18  | Mechanical Thrombectomy By Aspiration System: Review In Interventional Radiology (Penumbra)  
Luan Dinh Nguyen (VIE) |
| EIO 19  | Case Of Combination Embolisation And Ablation For RCC  
Shuvra Roy Choudhury (IND) |
| EIO 20  | RFA To Segment 4 HCC With Branch Portal Vein Tumour Thrombus Result In Left Lateral Segment Infarction  
Sheng-Nan Lu (TPE) |
| EIO 21  | Intra-Arterial Therapy For Advanced Intrahepatic Cholangiocarcinoma  
Yu-Fan Cheng (TPE) |
| EIO 22  | Gunawan Santoso (INA) |
| EIO 23  | TBC |

#### Live Transmission

**DC Bead® DEB TACE For Liver Tumour**

1400 - 1500 hrs

**Primary Live Case Operator:** Pua Uei (SGP)

**Assistant:** Nik Farhan Nik Fuad

**Live Site Moderator:** Nur Yazmin Yaacob (MAS)

**Lecture Hall Chairperson:** Tan Bien Soo (SGP)

**Panellists:** Lizbeth Kenny (AUS), Jinsil Seong (KOR), Mohamed Ibrahim Abdul Wahid (MAS), Amir Fuad Hussain (MAS), Ramon Augusto Hilarion S (PHI), Ding-Kwo Wu (TPE), Arun Gupta (IND)
Lecture Hall D (Room 304+305)

FC 8 : Foundation Course 8
TACE - Liver And Beyond
0730 - 0830 hrs
Course Directors: Xu Zhu (CHN) / Shinichi Hori (JPN)
FC 08.1 Transarterial Chemotherapy In Liver And Pancreatic Tumours
Xu Zhu (CHN)
FC 08.2 TACE In Primary Breast And Lung Tumours: Technical Considerations And How Do I Do It?
Shinichi Hori (JPN)
Q & A

Radiographer Session
Advanced Angiographic Guidance In TACE
0830 - 1030 hrs
Chairpersons: Fadhli Mohamed Sani (MAS) / Chan Lai Kuan (MAS)
RGR 01 Angio-CT And Embotrack Guidance: How Do I Do It?
Sara Lim (MAS)
RGR 02 Emboguide With Cone Beam CT: How Do I Do It?
Kittipitch Bannangkoon (THA)
RGR 03 Innovation In Angio CT
Chiheb Dahmani (SGP)
Case Presentations

Merit Medical Transradial Access Workshop
1030 - 1130 hrs
Course Directors: Rickie Lik-Fai Cheng (HKG) / Pua Uei (SGP) / Wen Zhang (CHN)
TAW 01 Tips And Tricks In Starting Trans-Radial IR
Rickie Lik-Fai Cheng (HKG)
TAW 02 Advanced Transradial Access In Interventional Oncology
Pua Uei (SGP)
TAW 03 Transradial Intervention In IO: Results And Complications
Wen Zhang (CHN)

Special Session 7
Advanced Imaging In Head And Neck: State Of The Art
1130 - 1300 hrs
Chairpersons: Shahizon Azura Mohamad Mukari (MAS) / Raja Rizal Azman (MAS)
SS 07.1 The Great Pretenders: What You Should Not Call A Tumour In The Head And Neck
Kew Thean Yean (MAS)
SS 07.2 MR Spectroscopy For Brain Tumours - An Update
Raja Rizal Azman Raja Aman (MAS)
SS 07.3 Nasopharyngeal Carcinoma Staging And Pattern Of Spread
Amali Ahmad (MAS)
SS 07.4 Understanding ACR TI-RADS And its Clinical Applications
Anushya Vijayanathan (MAS)
SS 07.5 Post Treatment Imaging In Neuro-Oncology
Shahizon Azura Mohamad Mukari (MAS)
SS 07.6 Overview of PET Imaging In Brain Tumours
Subapriya Suppiah (MAS)
SS 07.7 Radiogenomics And Quantitative MRI Biomarkers For Glioma Characterisations
Norlisah Mohd Ramli (MAS)
Q & A

Special Session 8
IO In Asia 1
1400 - 1500 hrs
Chairpersons: Ch'ng Li Shyan (MAS) / Ren-Jie Yang (CHN)
SS 08.1 CHINA - Ren-Jie Yang
SS 08.2 JAPAN - Koichiro Yarnkado
SS 08.3 MONGOLIA - Erdenebulgan Batmunkh
SS 08.4 KOREA - Jin Wook Chung
SS 08.5 PAKISTAN - Muhammad Azeemuddin
SS 08.6 INDIA - Suyash Kulkarni
SS 08.7 CHINESE TAIPEI - Huei-Lung Liang

Congress Day 2 – 4th October 2019 (Friday)

Foundation Course
MDT Round Table
MEET Sessions
Focus Workshops
Special Session
Extreme IO Case Challenge Session
Live Transmission
Morbidity & Mortality
Future In IO
Nurse Session
Radiographer Session
Young Investigator Award
Oral Presentation, Poster & Live ePoster
Opening & Closing Ceremony
ALL Company Sponsored / Related Session
Industrial Breakfast Symposium
Guerbet cTACE
Endocare cTACE
Lunch & Tea Symposiums
Snapshot In IO
Lecture Hall D (Room 304+305)

Siemens Tea Symposium
1500 - 1600 hrs
Chairpersons: Chandran Nadarajan (MAS)
SMS 01 Hybrid Angio-CT In Complex Liver Tumour Interventions: Options Beyond Conventions
Xiao-Dong Wang (CHN)

Special Session 9
IO In Asia 2
1600 - 1730 hrs
Chairpersons: Chandy Chea (CAM) / Khairul Azmi Abd Kadir (MAS)
SS 09.1 HONG KONG CHINA - Danny Cho
SS 09.2 NEPAL - Amrit Koirala
SS 09.3 SINGAPORE - Tan Bien Soo
SS 09.4 INDONESIA - Prijo Sidipratomo
SS 09.5 MYANMAR - Kyaw Zay Ya
SS 09.6 PHILIPPINES - Marvin T. Tamana
SS 09.7 THAILAND - Akkawat Janchai
SS 09.8 CAMBODIA - Chandy Chea
SS 09.9 VIETNAM - Luan Dinh Nguyen
SS 09.10 MALAYSIA - Anis Shafina Mahfudz
### Lecture Hall E (Room 303)

#### Nurse Session 2
**Nursing Care In TACE**

0830 - 0930 hrs

**Chairpersons:** Vithiya Raman (SGP) / Yan-Jun Mao (CHN)

**NR 11** Care Of Patients: Pre And Post Chemoembolisation Dhashinee Gopal (MAS)

**NR 12** Nursing Care For Patient Undergoing TACE Via Trans-Radial Approach Vithiya Raman (SGP)

**NR 13** Nursing Occupational Protection State Of Transcatheter Arterial Chemoembolisation In China: A Cross-Sectional Survey Yan-Jun Mao (CHN)

#### Nurse Session 3
**Nursing Care Essentials In IR: Part 1**

0930 - 1030 hrs

**Chairpersons:** Dhashinee Gopal (MAS) / Xiu-Ya Xing (CHN)

**NR 14** How To Prepare A Patient For VIR Procedure Nurazliza Kawi (MAS)

**NR 15** Standardised Management Of Post-Brachytherapy With Iodine-125 Seeds For Sacral Chordoma Chun-Fang Hu (CHN)

**NR 16** Image-Guided Percutaneous Biopsies: Roles And Duties Of VIR Nurses Dhashinee Gopal (MAS)

**NR 17** 10 Common Consultation Questions In Interventional Therapy For Liver Tumour Xiu-Ya Xing (CHN)

#### Tea Symposium By Exza Medical

1030 - 1130 hrs

**Chairperson:** Roger Tok (MAS)

**EXZ 01** European Multicenter Study On Degradable Starch Microspheres (DSM): The Digestible Way To Conquer Hepatocellular Carcinoma (HCC) Jens Matthias Theysohn (GER)

**EXZ 02** Embocpet Experience In IKN: Why I Choose Embocpet? Ridzuwan Abdul Rahim (MAS)

**EXZ 03** Embocpet Experience In PPUM: How Do I Do It? Norshazriman Sulaiman (MAS)

#### MDT 4: Round Table 4
**Prostatic Imaging And Interventions**

1400 - 1500 hrs

**Chairpersons:** Malinda Abdul Majid (MAS) / Nik Azuan Nik Ismail (MAS)

**MDT 04.1** Multiparametric MRI Prostate: PIRADS Reporting And Radiological Staging Malinda Abdul Majid (MAS)

**MDT 04.2** PSMA PET-CT In CA Prostate Andrew Tan (SGP)

**MDT 04.3** Imaging Of Prostate And Intervention: What The Urologist Wants? Fam Xeng Inn (MAS)

**MDT 04.4** Prostatic Embolisation: Technical Feasibility And Clinical Update Nik Azuan Nik Ismail (MAS)
Lecture Hall E (Room 303)

Tea Symposium By Exza Medical
1500 - 1600 hrs
Chairperson: Roger Tok (MAS)
EXZ 04 European Multicenter Study On Degradable Starch Microspheres (DSM): The Digestible Way To Conquer Hepatocellular Carcinoma (HCC)
Jens Matthias Theysohn (GER)
EXZ 05 Embocept Experience In IKN: Why I Choose Embocept?
Ridzuan Abdul Rahim (MAS)
EXZ 06 Combination Therapy: Tips And Tricks
Peter Goh (SGP)
Q & A

FW 7 : Focus Workshop 7
Scientific Writing
1600 - 1730 hrs
Chairpersons: Norlisah Ramli (MAS) / Ng Kwan Hoong (MAS)
FW 07.1 Why Write (And Publish)?
Norlisah Ramli (MAS)
FW 07.2 Writing A Good Paper: East Vs West Papers. How To Get Your Papers Published
Ng Kwan Hoong (MAS)
FW 07.3 Recent Interesting Research Areas To Consider
Jean-Pierre Pelage (FRA)
FW 07.4 Top IO Papers In The Last Decade
Too Chow Wei (SGP)
Q & A
FC 9 - Foundation Course 9
Basics Of Thermal Ablation In Lung
0730 - 0830 hrs
Course Directors: Suyash Kulkarni (IND) / Teo Ngee (SGP)

FC09.1 Case Selection, Pre-Procedural Preparations And Pain Control (Sedation / GA)
Teo Ngee (SGP)

FC09.2 Optimising Zone Of Ablation: When To Utilise RFA, Microwave Ablation Or Cryoablation In Lung Ablation?
Suyash Kulkarni (IND)

FC09.3 Avoidance Of Complication: Danger Areas And Choice Of Organ Protection Technique
Teo Ngee (SGP)

Top 10 Best Oral Presentation
0830 - 1030 hrs
Judges: Yu-Fan Cheng (TPE) / Alda Tam (USA) / David C. Madoff (USA) / Xiao-Dong Wang (CHN)

BOR 01 Addressing The Difficulties In Lower Limb Revascularisation Of Peripheral Artery Disease In Developing Countries: Experiences From Northern Nigeria
Anas Ismail (NGR)

BOR 02 Yttrium-90 Radioembolization For Colorectal Cancer Liver Metastases: A Prospective Cohort Study On Circulating Angiogenic Factors And Treatment Response
Maurice Van Den Bosch (NED)

BOR 03 Effectiveness Of Bone Targeting Agents In Preventing Skeletal Related Events For Metastatic Cancers Of Solid Tumour: A Systematic Review And Meta-Analysis
Atikah Shaharudin (MAS)

BOR 04 Robot Assisted CT Guided Celiac Plexus Neurolysis Technique And Outcomes: SGPGI Experience
Anil Agarwal (IND)

BOR 05 Combined Radiofrequency Ablation And Ethanol Ablation With A Multipronged Injection Needle For Hepatocellular Carcinoma: Long-Term Results And Prognostic Factors For Survival
Ming Liu (CHN)

BOR 06 Analysis Of Therapeutic Effect Of Transhepatic Arterial Embolisation Combined With Microwave Ablation For Hepatic Epithelioid Hemangioendothelioma
Jian-Jun Li (CHN)

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BOR 07 Duplex-Ultrasound Guided Direct-Percutaneous-Management Of Pseudoaneurysm Of Branch Of Visceral Arteries
Manoj Kumar (IND)

BOR 08 Proton Beam Therapy Or Carbon-Ion Radiotherapy Concomitant With Haptic Arterial Infusion Chemotherapy For Hepatocellular Carcinoma With Portal Vein Tumour Thrombosis
Yoshiro Matsuo (JPN)

BOR 09 Hepatic Artery Infusion With Oxaliplatin And 5-Flurouracil Bevacizumab For Colorectal Cancer Liver Metastases: A Retrospective Study
Aiwei Feng (CHN)

BOR 10 Preoperative Embolisation Of Primary Soft Tissue Tumour
Thazin Than (MYA)

Oral Presentation 8
1130 - 1300 hrs
Moderators: Rickie Lik-Fai Cheng (HKG) / Chandran Nadarajan (MAS)

OR 040 Piperlongumine: A Spice For Colon Cancer Prevention
Sanddeep Kumar (IND)

OR 041 Oesophageal Diverticula
Hendra Saragih (INA)

OR 042 First Feasibility Study And Short-Term Outcomes Of Laparoscopic-Assisted Anterior Resection In Colorectal Cancer In Malaysia
Jih Huei Tan (MAS)

OR 043 Fistulo Perianal Colorectal
Hendra Saragih (INA)

OR 044 Preliminary study of reduce-cores puncture in the positive area of the prostate defined by CEUS
Jian-Hua Fang (CHN)

OR 045 Pre-Peritoneal Catheter Analgesia For Pain Management After Colorectal Cancer Surgery: A Malaysian Perspective In 64 Consecutive Patients
Henry Tan Chor Lip (MAS)

OR 046 Role Of Transarterial Embolisation In Massive Upper Gastrointestinal Bleeding In Unresectable Gastric Carcinoma Patients
Abhishek Bansal (IND)

OR 047 TACI In Colorectal Cancer At Yogyakarta
Yana Supriyatna (INA)

OR 048 Hepatocellular Carcinoma Screening The First Modality Is Ultrasound
Hendra Saragih (INA)
Lecture Hall F (Room 308)

Congress Day 2 – 4th October 2019 (Friday)

Oral Presentation 10

1400 - 1500 hrs

Moderators: Norshazriman Sulaiman (MAS) / Sahat Matondang (INA)

OR 058  Efficacy Of Mechanism-Based Manual Therapy In Palliative Care For Cancer Pain- A Randomised Clinical Trial
   Senthil Kumar Paramasivam (IND)

OR 059  Identification Of Effects On PD-1 And Tim-3 Expressions And Function Of T Lymphocytes In Tumour-Bearing Mice By RFA
   Ming Xu (CHN)

OR 060  Pricing Appraisal Of Anti-Cancer Drugs In The South East Asian, Western Pacific And East Mediterranean Region
   Chiau Ming Long (MAS)

OR 061  Long-Term Efficacy And Prognostic Factors Of Radiofrequency Ablation(RFA) In Recurrent Hepatocellular Carcinoma After Liver Transplantation: Ten-Year Experience
   Liting Xie (CHN)

OR 062  Microtia
   Hendra Saragih (INA)

OR 063  Thyroid Nodules On Ultrasound: Effect Of Computer-Aided Diagnosis On Radiologists' Performance In A Large Clinical Diagnostic Population
   Min Xu (CHN)

Asia Pacific Cryoablation Challenge

1600 - 1730 hrs

Judges: Tze Min Wah (GBR) / Shu-Huei Shen (TPE) / Graham Munneke (UK) / Naveen Rajadurai (MAS)

Presenters:
1. Chia-Ling Chiang (TPE)
2. Anis Shafina Mahfudz (MAS)
3. Ting-Wen Sheng (TPE)
4. Ridzuan Abdul Rahim (MAS)
5. Wei Ying Tian (CHN)
6. Xu Yu Jun (CHN)
7. Ch'ng Li Shyan (MAS)
ASIA PACIFIC CRYOABLATION CHALLENGE

Date: Friday, 4th October 2019
Venue: Lecture Hall F, Kuala Lumpur Convention Centre
Time: 1600 - 1730 hrs

The Power of Painless Ablation in Cancer Care Transcending The Limits

Panel of Judges:
Professor Dr Tze-Min Wah
University of Leeds,
United Kingdom

Dr Nancy Shu-Huei Shen
Taipei Veterans General Hospital,
Chinese Taipei

Dr Naveen Rajadurai
KPJ Damansara Specialist Hospital,
Malaysia

Dr Graham Munneke
University College London Hospitals,
United Kingdom
Lecture Hall G (Room 309)

FC 10 : Foundation Course 10
Radiation Protection In IO
0730 - 0830 hrs

Course Directors: Chih-Horng Wu (TPE) / Ng Kwan Hoong (MAS)

FC 10.1 Optimising Radiation Protection In IO
Chih-Horng Wu (TPE)

FC 10.2 Radiation-Induced Skin Injuries From Fluoroscopic-Guided Procedures
Ng Kwan Hoong (MAS)
Q & A

Oral Presentation 6
0830 - 0930 hrs

Moderators: Gunawan Santoso (INA) / Nik Azuan Nik Ismail (MAS)

OR 031 Irreversible Electroporation Ablation Of End Stage Metastatic Retropitoneal Lesions
Tian'an Jiang (CHN)

OR 032 Giant Bladder Stone
Hendra Saragih (INA)

OR 033 Impact Of Treatment Duration On Cervical Cancer Outcomes With Concomitant Chemoradiation
Thasanthan Loganathan (SRI)

OR 034 New Radiological Classification Of Renal Cell Carcinoma And Validation With Survival Analysis
Akshaykumar Kamble (IND)

OR 035 Structure Guided Design Of A Therapeutic Inhibitor Of SALL4 Positive Advanced Liver Cancer
Bee Hui Liu (SIN)

Oral Presentation 7
0930 - 1030 hrs

Moderators: Haruyuki Takaki (JPN) / Luan Dinh Nguyen (VIE)

OR 036 Role Of Magnetic Resonance Diffusion Weighted Imaging In Predicting Outcome Of Transarterial Chemoembolisation Of Atypical Hepatocellular Carcinoma
Li Shyan Ch'ng (MAS)

OR 037 Application Of Acoustic Impulse Radiation Force Technology Combined With Liver Function And Blood Lipid In Risk Prediction Of Nonalcoholic Fatty Liver Disease
Tiantian Ren (CHN)

Congress Day 2 – 4th October 2019 (Friday)

OR 038 A Primary Hepatic Angiosarcoma Mimicking Intrahepatic Cholangiocarcinoma On Conventional Ultrasound And Contrast-Enhanced Ultrasound: A Case Report And Review Of Literatures
Zhao Chongke (CHN)

OR 039 Sorafenib Combined With Transarterial Chemoembolisation And Radiofrequency Ablation For Medium- Or Large-Sized (3.1-7.0 Cm In Diameter) Hepatocellular Carcinoma
Jingjun Huang (CHN)

Oral Presentation 9
1130 - 1300 hrs

Moderators: Amrit Koirala (NEP) / Izazul Hussin (MAS)

OR 049 Drug-Eluting Beads Transarterial Chemoembolization With Callispheres Beads In The Treatment Of Hepatocellular Carcinoma
Yulin Tan (CHN)

OR 050 Comparison Of Liver Function And Safety In Hepatocellular Cancer Patients Treated With DEB-TACE And C-TACE
Yilong Ma (CHN)

OR 051 Predictive Factors For DEB-TACE And C-TACE On Treatment Response And Survival In Hepatocellular Carcinoma Patients
Hongyao Hu (CHN)

OR 052 Treatment Response, Survival And Safety Of Callispheres® DEB-TACE And C-TACE In Huge Hepatocellular Carcinoma
Xuhua Duan (CHN)

OR 053 Drug-Eluting Beads Transarterial Chemoembolization With Callispheres Microspheres For Treatment Of Unresectable Intrahepatic Cholangiocarcinoma Patients
Junhui Sun (CHN)

OR 054 Partial Splenic Artery Embolisation; A Non Surgical Approach To Hypersplenism
Junise Moideen (IND)

OR 055 Spontaneous Rupture Of Neglected Primary Splenic Angiosarcoma With Liver Metastases Mimicking Hemangiomas
Khazatul Shahida Wali (MAS)
Lecture Hall G (Room 309)

OR 056  Eye Lens Dose Of Medical Personnel Involved In Fluoroscopy And Interventional Procedures
        Jeannie Wong (MAS)

OR 057  Preliminary Trial Of A Mixture Of Thermal Sensitive P(NIP-CO-NNP) And Lipiodol As A New Embolic Material: Feasibility Experimental
        Guang Cao (CHN)

Oral Presentation 11
1400 - 1500 hrs

Moderators: Anis Shafina Mahfudz (MAS) / Thazin Than (MYA)

OR 064  Trans-Arterial Fiducial Insertion For Cyberknife Stereotactic Radiosurgery-First Indian Experience
        Junise Moideen (IND)

OR 065  Shearlet and Guided Filter Based Despeckling Method for Medical Ultrasound Images
        Yun Cheng (CHN)

OR 066  Trans-Arterial Chemotherapy With Embolisation; Bail Out In Tumours Refractory To Multimodal Therapy
        Junise Moideen (IND)
Congress Day 3 – 5th October 2019 (Saturday)

Lecture Hall A (Plenary Theatre)

Industrial Breakfast Symposium By Guerbet
Conventional TACE For Hepatocellular Carcinoma

0730 - 0830 hrs

Chairpersons: Erdenebulgan Batmunkh (MGL) / Andrew Holden (NZL)

GBT 01 Case Stratification And Pre-Procedural Assessment / Preparation
Simon Yu (HKG)

GBT 02 Angiographic Analysis In HCC
Jin Wook Chung (KOR)

GBT 03 Water In Oil Vs Oil In Water: The Bench Top Analysis And Its Clinical Implications
Thierry De Baere (FRA)

GBT 04 How Do I Do Superselective cTACE: Its End Point And Why cTACE Fails
Shiro Miyayama (JPN)

MDT 5: MDT Round Table 5
Renal And Urologic Malignancies

0830 - 1000 hrs

Chairpersons: Fam Xeng Inn (MAS) / Zhi-Gang Cheng (CHN)

MDT 05.1 Staging Of RCC: TNM Classifications And Its Relevance To Oncologic Interventions
Malinda Abdul Majid (MAS)

MDT 05.2 Urological Management Of RCC: What’s On The Plate?
Fam Xeng Inn, (MAS)

MDT 05.3 Oncological Management Of RCC: New Targeted Drugs And Outcome
Marniza Saad (MAS)

MDT 05.4 Percutaneous Ablation Of Small Renal Tumours
Andreas Adam (GBR)

MDT 05.5 Long Term Outcomes Of Combination Of Embolisation And Ablation Of T1b Renal Cell Carcinoma
Shuvro Roy Choudhury (IND)

MDT 05.6 Cryoablation In RCC: How Big Can We Freeze?
Peter Goh (SGP)

MDT 05.7 Ultrasound-Guided Percutaneous Microwave Ablation For Renal Cell Carcinoma At Clinical Staging T1a
Zhi-Gang Cheng (CHN)

MDT 7: MDT Round Table 7
Functional Precision Medicine In Lung Cancer Management

1100 - 1300 hrs

Chairpersons: Pang Yong Kek (MAS) / Melisa Lim (MAS)

MDT 07.1 Endobronchial Ultrasound (EBUS) In Lung Cancer Diagnosis And Staging
Pang Yong Kek (MAS)

MDT 07.2 Molecular Pathology In Lung Cancer: Why Post Progression Biopsy Is Essential? (Pre-Recorded Video Presentation)
Pathmanathan Rajadurai (MAS)

MDT 07.3 Lung Cancer: The Relative Roles Of SABR And Thermal Ablation
Andreas Adam (GBR)

MDT 07.4 Resection In Lung Cancer: Feasibility And Outcome
Adli Azam Mohammad Razi (MAS)

MDT 07.5 Targeted Drugs In Lung Cancer
Matin Mellor (MAS)

MDT 07.6 Downstaging Of Stage 3 NSCLC For Surgical Resection: Clinical Feasibility And Outcomes
Pang Yong Kek (MAS)

MDT 07.7 IR In Lung Tumours: What’s In The Horizon?
Jean Palussière (FRA)

MDT 07.8 Tracheobronchial Interventions In Lung Malignancy
Suyash Kulkarni (IND)

MDT 07.9 Case Capsule - MDT Management Of Tracheal Adenoid Cystic Carcinoma With Airway Occlusion: Argon Plasma Coagulation Combined With Tracheobronchial Transarterial Chemosaturation
Melisa Lim (MAS)

Q & A

Lunch Symposium By Guerbet
The Power Of Lipiodol

1300 - 1400 hrs

Chairpersons: Alex Tang (MAS) / Jean-Pierre Pelage (FRA)

GBT 05 Standardisation Of cTACE Using Vectorio
Thierry de Baere (FRA)

GBT 06 SeQure® And DraKon™ Microcatheters: The Power Of Superselectivity And Reflux Control
Jean-Pierre Pelage (FRA)

GBT 07 Back To Liquid: Lipiodol And Alcohol In Giant HCC, A Stepwise Approach
Alex Tang (MAS)
FW 11: Focus Workshop 11
Ablations And TACE Beyond Convention
1400 - 1600 hrs

Chairpersons: Jia-Sheng Zheng (CHN) / Ren-Jie Yang (CHN)

FW 11.1  Percutaneous Segmental Ablation In Primary Liver Cancer
          Jia-Sheng Zheng (CHN)
FW 11.2  Tumour Associated Specific T-Cell Immune Response In Hepatocellular Carcinoma
          Yong-Hong Zhang (CHN)
FW 11.3  IRE Ablation For Pancreatic Cancer
          Li-Zhi Niu (CHN)
FW 11.4  Sodium Bicarbonate Infusion For Optimisation Of cTACE Intra-Tumoral Lactic Acidosis: Principles And Technical Considerations
          Hu Xun (CHN)
FW 11.5  Sodium Bicarbonate Infusion For Optimisation of cTACE Intra-tumoral Lactic Acidosis: Clinical Application And Data Update
          Ming Chao (CHN)
FW 11.6  The Clinical Course And Risk Factors Of Post-Ablation Hemobilia For Hepatocellular Carcinoma
          Wei Li (CHN)
FW 11.7  TACE Plus MWA Vs TACE Alone In Patients With Solitary Large Or Multinodular HCC
          Lin Zheng (CHN)

Q & A

Closing Ceremony in Lecture Hall A
1630 -1700 hrs
**Lecture Hall B** (Conference Hall 1)

### FC 11: Foundation Course 11
**Teaching Course In Cryoablation**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>0730 - 0830 hrs</td>
<td><strong>Course Directors:</strong> Hai-Dong Zhu (CHN) / Shu-Huei Shen (TPE)</td>
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<tr>
<td></td>
<td><strong>FC 11.1</strong> Indications, Case Selections And Choice Of Equipments</td>
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<td>Peter Goh (SGP)</td>
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<td><strong>FC 11.2</strong> Physics And Abscopal Effects In Cryoablation</td>
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<td>Peter Goh (SGP)</td>
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<td><strong>FC 11.3</strong> Cryoablation In RCC: How Do I Do It?</td>
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<td>Shu-Huei Shen (TPE)</td>
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<td><strong>FC 11.4</strong> Cryoablation Of Lung: How Do I Do It?</td>
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<td>Alda Tam (USA)</td>
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<td><strong>FC 11.5</strong> Cryoablation Of Spinal Tumour: How Do I Do It?</td>
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<td>Hai-Dong Zhu (CHN)</td>
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### FW 8: Focus Workshop 8
**Radioembolisation In Liver Malignancies**

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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>0830 - 1000 hrs</td>
<td><strong>Chairpersons:</strong> Norshazriman Sulaiman (MAS) / Matthew Johnson (USA)</td>
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<tr>
<td></td>
<td><strong>FW 08.1</strong> Current Role, Indications And New Concepts Of SIRT In Liver Malignancies</td>
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<td>Ramon Augusto Hiliarion S (PHI)</td>
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<td><strong>FW 08.2</strong> TheraSphere® In HCC</td>
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<td>Rheun-Chuan Lee (TPE)</td>
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<td><strong>FW 08.3</strong> Curative Intent Therapies In HCC</td>
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<td>William S. Rilling (USA)</td>
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<td><strong>FW 08.4</strong> Radioembolisation In Hepatic Malignancies: Complications And Pitfalls</td>
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<td>Norshazrin Sulaiman (MAS)</td>
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<td><strong>FW 08.5</strong> Proton Beam Therapy In HCC</td>
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<td>Nor Shazrina Sulaiman (JPN)</td>
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<td><strong>FW 08.6</strong> Combining Radioembolisation With Immune-Oncologics: How Do I Do It?</td>
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<td>Matthew Johnson (USA)</td>
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<td><strong>FW 08.7</strong> Q &amp; A</td>
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### FW 10: Focus Workshop 10
**Interventions In Biliary And Pancreatic Malignancies**

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<th>Time</th>
<th>Session</th>
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<tr>
<td>1100 - 1300 hrs</td>
<td><strong>Chairpersons:</strong> Xiao-Dong Wang (CHN) / Anis Shofina Mahfudz (MAS)</td>
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<td><strong>FW 10.1</strong> Cholangiocarcinogenesis: Role Of Imaging</td>
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<td>Surachate Siripongsakun (THA)</td>
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<td><strong>FW 10.2</strong> Transarterial Interventions In Cholangiocarcinoma:</td>
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<td>Technical Options And Outcome</td>
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<td>Xiao-Dong Wang (CHN)</td>
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<td><strong>FW 10.3</strong> IO Treatment Of Cholangiocarcinoma</td>
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<td>William S. Rilling (USA)</td>
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<td><strong>FW 10.4</strong> Combination Therapy Of GEM-Proton For Pancreatic Cancer</td>
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<td>Norshazrina Sulaiman (JPN)</td>
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<td><strong>FW 10.5</strong> Drug Eluting Stents For Malignant Biliary Obstruction</td>
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<td>Gerard Goh (AUS)</td>
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<td><strong>FW 10.6</strong> Radioiodine Bead Loaded Brachytherapy In Klatskin Tumour: Technical Options And Results</td>
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<td>Hai-Dong Zhu (CHN)</td>
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### FW 12: Focus Workshop 12
**Portal Vein Interventions In IO**

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<th>Time</th>
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<tr>
<td>1400 - 1600 hrs</td>
<td><strong>Chairpersons:</strong> Sundee Punamiiya (SGP) / Rui-Bao Liu (CHN)</td>
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<td><strong>FW 12.1</strong> Portal Vein Embolization: Principles And Techniques</td>
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<td>Farah Gillian Irani (CHN)</td>
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<td><strong>FW 12.2</strong> TIPS In IO: Indications And Outcome</td>
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<td></td>
<td>Sundee Punamiiya (SGP)</td>
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<td><strong>FW 12.3</strong> Transplenic TIPS</td>
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<td>Matthew Johnson (USA)</td>
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<td><strong>FW 12.4</strong> Management Of AP And AV Shunts In HCC</td>
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<td>John Park Sang Joon (KOR)</td>
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<td><strong>FW 12.5</strong> Stenting In Malignant Portal Vein Occlusion: Options And Results</td>
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<td>Hai-Dong Zhu (CHN)</td>
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<td><strong>FW 12.6</strong> HAIC In Malignant PV Invasion: Feasibility And Outcome</td>
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<td>Rui-Bao Liu (CHN)</td>
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<td><strong>FW 12.7</strong> Hepatocellular Carcinoma With Portal Vein Tumour Thrombus</td>
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<td>Terence Teo (SGP)</td>
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<td><strong>FW 12.8</strong> SIRT In Portal Vein Invasion</td>
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<td>Ramon Augusto Hiliarion S (PHI)</td>
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</table>
**FC 12: Foundation Course 12**

**Basics In Thyroid Ablation**

0730 - 0830 hrs

*Course Directors:* Too Chow Wei (SGP) / Somrach Thamtorawat (THA)

**FC 12.1** Pre-Ablation Assessment For Benign Thyroid Nodules: What Do IRs Need To Know And Patient Selection  
Zhi-Gang Cheng (CHN)

**FC 12.2** Benign Thyroid Nodule Ablation: Technical Approach And How Do I Do It?  
Too Chow Wei (SGP)

**FC 12.3** Ablation Treatment For Recurrent Papillary Thyroid Carcinoma: Indications And How Do I Do It?  
Somrach Thamtorawat (THA)

**FC 12.4** Management Of Complications In Thyroid Nodules Ablation  
Too Chow Wei (SGP)

**MDT 6: MDT Round Table 6**

**Colorectal Carcinoma: Chemoresistant Colorectal Liver Metastases**

0830 - 1000 hrs

*Chairpersons:* Masatoshi Tanaka (JPN) / Muhammad Azrif (MAS)

**MDT 06.1** DEB-TACE In Colorectal Liver Metastases: Review Of Literature  
Nur Adura Yaakup (MAS)

**MDT 06.2** Individualised Treatment For Colorectal Cancer  
Muhammad Azrif (MAS)  
Debate :

**MDT 06.3a** a. Surgical Resection Should Be The Mainstay In The Management Of Pauci Metastatic Liver Disease  
Yoong Boon Koon (MAS)

**MDT 06.3b** b. Thermal Ablation Should Be The Mainstay In The Management Of Pauci Metastatic Liver Disease  
Ngo Le Lam (VIE)

**MDT 06.4** DEBIRI In CRC Liver Metastases: The Power Of Small Size (LC-Bead M1) (Pre-Recorded Video Presentation)  
Toshihiro Tanaka (JPN)

**MDT 8: MDT Round Table 8**

**Hepatocellular Carcinoma 3: Management Of Early HCC**

1100 - 1200 hrs

*Chairpersons:* Sundeep Punamiya (SGP) / Ch’ng Li Shyan (MAS)

**MDT 08.1** Case Capsules In Imaging Of Early HCC  
Linda Brown (THA)  
Debate :

**MDT 08.2a** a. Surgery Is The Treatment Of Choice In Early HCC  
Yoong Boon Koon, (MAS)

**MDT 08.2b** b. Non-surgical Option Is The Treatment Of Choice In Early HCC  
Matthew Johnson (USA)

**MDT 08.3** Conventional TACE In Early HCC: Literature Review And Data Update  
Shiro Miyayama (JPN)

**APCIO Meets TSVIR**

1200 - 1300 hrs

*Chairpersons:* Khairul Azmi Abd Kadir (MAS) / Akkawat Janchai (THA)

**TIR 01** How To Perform cTACE As Curative Aim For A Small HCC?  
Kittipitch Bannangkoon (THA)

**TIR 02** IR Role In Colorectal Metastasis In Thailand  
Nutchai Pinjaroen (THA)

**TIR 03** Fellowship IR Training Program In Thailand: Domestic And International  
Somrach Thamtorawat (THA)

**Special Session 12**

**Exam Tips And Tricks For Trainees And Training The Trainers**

1400 - 1600 hrs

Objective: Interactive session in clinical imaging aimed at reaching out to radiology students, examiners as well as all practising radiologists.

*Moderator:* Asokan Nair (MAS)

*Faculties:*
1. Asokan Nair (MAS)
2. Ibrahim Lutfi (MAS)
3. Raja Rizal Azman Raja Aman (MAS)
4. Shahizon Azura Mohamad Mukari (MAS)
5. Faizah Mohd Zaki (MAS)
### Lecture Hall D (Room 304 & 305)

#### Lecture Hall D (Room 304 & 305)

**FC 13: Foundation Course 13**  
**Hepatobiliary Imaging Beyond Basics**  
**0730 - 0830 hrs**  
**Course Directors:** Linda Brown (THA) / Surachate Siripongsakun (THA)  
**FC 13.1**  
**Atypical HCC: Imaging Dilemma**  
Linda Brown (THA)  
**FC 13.2**  
**What IRS Need To Know Pre And Post Interventions In HCC And Liver Metastases**  
Graham Munneke (GBR)  
**FC 13.3**  
**Surveillance For Small HCC With Contrast-Enhanced Ultrasound: How Do I Do It?**  
Daehyun Hwang (KOR)  
**FC 13.4**  
**Staging Of Cholangiocarcinoma Made Easy**  
Surachate Siripongsakun (THA)

**FW 9: FOCUS WORKSHOP 9**  
**Radioiodine Brachytherapy In Oligometastatic Disease And Visceral Organs**  
**0830 - 1000 hrs**  
**Chairpersons:** Basri Johan Jeet Abdullah (MAS) / Fu-Jun Zhang (CHN)  
**FW 09.1**  
**Indications, Contraindications And Treatment Planning: What To Consider**  
Fu-Jun Zhang (CHN)  
**FW 09.2**  
**Challenges In Radio-iodine Services In Malaysia**  
Basri Johan Jeet Abdullah (MAS)  
**FW 09.3**  
**Application Of I-125 Seed Implantation In The Treatment Of Lung Metastasis Of Liver Cancer**  
Rui-Bao Liu (CHN)  
**FW 09.4**  
**3D-Printed Template And CT-Guided Brachytherapy For Prostate Cancer**  
Hong-Tao Zhang (CHN)  
**FW 09.5**  
**Prostate Brachytherapy Seed Implant – Role Of Radiographers In Multidisciplinary Interventional Oncology Team**  
Mohd Farisah Jaffar (MAS)  
**Q & A**

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**Tea Symposium By Siemens**  
**1000 - 1100 hrs**  
**Chairperson:** Sundeep Punamiya (SGP)  
**SMS 02**  
**Optimising Workflow in Transradial Interventions And Cone Beam CT For Cementoplasty**  
Too Chow Wei (SGP)

**Special Session 11**  
**General Interventions For Clinical Radiologists**  
**1100 - 1300 hrs**  
**Chairpersons:** Chandran Nadarajan (MAS) / Ganeshwara Durai Raja Lingam (MAS)  
**SS 11.1**  
**Setting Up A Basic IR Service: What Do We Need?**  
Nik Azuan Nik Ismail (MAS)  
**SS 11.2**  
**Coagulation Parameters Before A Procedure**  
Ganeshwara Durai Raja Lingam (MAS)  
**SS 11.3**  
**IV Access: Catering For Patient’s Basic Needs**  
Ridzuan Abdul Rahman (MAS)  
**SS 11.4**  
**Drainages, Ultrasound Or CT Guidance?**  
Chandran Nadarajan (MAS)  
**SS 11.5**  
**Biopsies: When To Say No**  
Nur Adura Yaakop (MAS)  
**SS 11.6**  
**FNAC And Biopsy Of Thyroid Nodules: Pearls And Pitfalls**  
Fadhli Mohamed Sani (MAS)  
**SS 11.7**  
**Complications: Is It Avoidable?**  
Norshazriman Sulaiman (MAS)  
**SS 11.8**  
**Bone Biopsies: Different Tools For Different Lesions**  
Muhammad Fadli Embong (MAS)
Lecture Hall D (Room 304 & 305)

Congress Day 3 - 5th October 2019 (Saturday)

M&M 2: Morbidity And Mortality 2
My Worse Nightmare

1400 - 1600 hrs

Chairpersons: Jean-Pierre Pelage (FRA) / Albert Goh (AUS)

Panellists: Xiao-Dong Wang (CHN) / Josephine Subramaniam (MAS)

A. Case Presentations With Learning Objectives:
Bad Outcome

MM 02.1 Should I Enter The Door And From Which Door?
Arun Gupta (IND)

MM 02.2 Simon Yu (HKG)

MM 02.3 Jean-Pierre Pelage (FRA)

MM 02.4 A Case Of Pelvic Sarcoma
Haruyuki Takaki (JPN)

B. Case Presentations With Learning Objectives:
Good Outcome

MM 02.5 A Complication Taken To Heart
Albert Goh (AUS)

MM 02.6 Nightmare In Adrenal Ablation: Takotsubo Syndrome
Shu-Huei Shen (TPE)

MM 02.7 Shinichi Hori (JPN)

MM 02.8 A Bronchopleural Fistula After RF Ablation Of A Peripheric Lung Tumour
Jean Palussière (FRA)

MM 02.9 Josephine Subramaniam (MAS)
Q & A
### Lecture Hall E (Room 303)

**Congress Day 3 – 5th October 2019 (Saturday)**

**FC 14: Foundation Course 14**

**Irreversible Electroporation (IRE)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>0730 - 0830 hrs</td>
<td><strong>Course Directors:</strong> Tze Min Wah (GBR) / Gerard Goh (AUS) / Tian-An Jiang (CHN)</td>
</tr>
<tr>
<td><strong>FC 14.1</strong> Basic Principles Of IRE</td>
<td>Tian-An Jiang (CHN)</td>
</tr>
<tr>
<td><strong>FC 14.2</strong> Indications And Contraindications Of IRE</td>
<td>Gerard Goh (AUS)</td>
</tr>
<tr>
<td><strong>FC 14.3</strong> Pre-Procedural Preparations</td>
<td>Tze Min Wah (GBR)</td>
</tr>
<tr>
<td><strong>FC 14.4</strong> Technical Approach And Pitfalls</td>
<td>Gerard Goh (AUS)</td>
</tr>
<tr>
<td><strong>FC 14.5</strong> Results And Complications</td>
<td>Tian-An Jiang (CHN)</td>
</tr>
<tr>
<td><strong>FC 14.6</strong> My Secret Tricks</td>
<td>Tze Min Wah (GBR)</td>
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</tbody>
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**Nursing And Radiographer Session 3**

**Nursing And Radiographer Roles In IR: Part 3**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>0830 - 1000 hrs</td>
<td><strong>Chairpersons:</strong> Andrew Lee Chin Chew (MAS) / Syed Muhammad Farhan Syed Idros (SGP)</td>
</tr>
<tr>
<td><strong>NR 27</strong> Nursing Essentials In Radioembolisation</td>
<td>Nurizyan Norazmi (MAS)</td>
</tr>
<tr>
<td><strong>NR 28</strong> Central Venous Access Ports And Nursing Care</td>
<td>Syed Muhammad Farhan Syed Idros (SGP)</td>
</tr>
<tr>
<td><strong>NR 29</strong> Method And Effect Of Nursing Procedure For Infusion-Related Phlebitis</td>
<td>Hong-Jing Liu (CHN)</td>
</tr>
<tr>
<td><strong>NR 30</strong> Management And Recovery Of Patient Under Procedural Sedation In Interventional Radiology</td>
<td>Dhashinee Gopal (MAS)</td>
</tr>
<tr>
<td><strong>NR 31</strong> Role Of MRgFUS In The Management Of Adenomyosis – A Case Study</td>
<td>Andrew Lee Chin Chew (MAS)</td>
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</table>

**Q & A**

**Extreme IO Case Challenge 5**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>1100 - 1300 hrs</td>
<td><strong>Chairpersons:</strong> Shuvro Roy Choudhury (IND) / Daehyun Hwang (KOR)</td>
</tr>
<tr>
<td><strong>Panellist:</strong> Haruyuki Takaki (JPN) / Nur Yazmin Yaacob (MAS)</td>
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<tr>
<td><strong>EIO 24</strong> Lessons Learned From Treatment Of HCC Using 40 Microns Beads</td>
<td>Luan Dinh Nguyen (VIE)</td>
</tr>
<tr>
<td><strong>EIO 25</strong> Lung La La</td>
<td>Nur Yazmin Yaacob (MAS)</td>
</tr>
<tr>
<td><strong>EIO 26</strong> Farah Gillan Irani (SGP)</td>
<td></td>
</tr>
<tr>
<td><strong>EIO 27</strong> Role Of Ruby Coils In Interventional Oncology (Penumbra)</td>
<td>Luan Dinh Nguyen (VIE)</td>
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<tr>
<td><strong>EIO 28</strong> Teamwork Makes Dream Work In Giant HCC</td>
<td>Marvin T. Tamana (PHI)</td>
</tr>
<tr>
<td><strong>EIO 29</strong> Mismatched Treatment Of Small HCC By Radiofrequency Ablation - How To Solve The Problem</td>
<td>Daehyun Hwang (KOR)</td>
</tr>
<tr>
<td><strong>EIO 30</strong> To Freeze Or Not To Freeze</td>
<td>Roger Tok (MAS)</td>
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<td><strong>EIO 31</strong> TBC</td>
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**Extreme IO Case Challenge 6**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>1400 - 1600 hrs</td>
<td><strong>Chairpersons:</strong> Andrew Holden (NZL), Ngo Le Lam (VIE)</td>
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<tr>
<td><strong>Panellist:</strong> Naveen Rajadurai (MAS), Thierry De Baere (FRA)</td>
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<tr>
<td><strong>EIO 32</strong> Hung-Ta Wu (TPE)</td>
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<tr>
<td><strong>EIO 33</strong> Cerebellar Tumour Embolisation</td>
<td>Chandran Nadarajan (MAS)</td>
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<tr>
<td><strong>EIO 34</strong> Naveen Rajadurai (MAS)</td>
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<tr>
<td><strong>EIO 35</strong> Andrew Holden (NZL)</td>
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<tr>
<td><strong>EIO 36</strong> Ngo Le Lam (VIE)</td>
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<tr>
<td><strong>EIO 37</strong> TACE In Large HCC: My Most Challenging Case</td>
<td>Thazin Than (MYA)</td>
</tr>
<tr>
<td><strong>EIO 38</strong> Prijo Sidipratomo (INA)</td>
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<tr>
<td><strong>EIO 39</strong> TBC</td>
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</tbody>
</table>
Lecture Hall F (Room 308)

Congress Day 3 - 5th October 2019 (Saturday)

FC 15: Foundation Course 15
Vascular And Lymphatic Concerns In IO
0730 - 0830 hrs

Course Directors: Farah Gillan Irani (SGP) / Nur Yazmin Yaacob (MAS)

FC 15.1 Central Venous Ports And Catheters Access: The Misadventures And Unusual Routes
Nur Yazmin Yaacob (MAS)

FC 15.2 Endovascular Techniques And Outcomes In The Management Of Pulmonary Embolism In Oncologic Practice
Sanjiv Sharma (IND)

FC 15.3 SVC And IVC Stenosis: Will Stenting Work?
Farah Gillan Irani (SGP)

FC 15.4 Role Of Lymphangiography And Thoracic Duct Embolisation In Oncology
Arun Gupta (IND)

Special Session 10
Imaging In Post Cancer Treatment

Chairpersons: Rohazly Ismail (MAS) / Alex Lee Fook Seng (MAS)

SS 10.1 Post Radiotherapy Imaging For Cervical Carcinoma: What To Expect
Soon Yuet Yu (MAS)

SS 10.2 Oncology Imaging In Children: Tumour Surveillance And Treatment Complications
Rohazly Ismail (MAS)

SS 10.3 Imaging In Post Treatment Sarcoma
Alex Lee Fook Seng (MAS)

SS 10.4 18F-FDG PET-CT In Post Therapy Cancer Assessment - What Radiologists Need To Know
Abdul Jalil Nordin (MAS)

Lecture Hall F will be closed