

WIRRES 2018

WORKSHOPS IN INTERVENTIONAL RADIOLOGY EDUCATION SINGAPORE

INTERVENTIONS FOR WOMEN AND CHILDREN

17 - 19 August | Singapore General Hospital (SGH) Campus

| Workshop 1: Embolisation Simulator & Transradial Access Masterclass Friday, 17 August 2018 KW Chow Conference Room A , Block 2 (Level 1) Department Of Diagnostic Radiology @ Singapore General Hospital | |
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| Time | Session |
| 1300 - 1400 | Registration |
| 1400 - 1420 | Why Be An Interventional RADIAList? Evidence for TR in IR (20mins) <i>Dr Too Chow Wei</i> <i>Department of Vascular and Interventional Radiology, Singapore General Hospital, Singapore</i> |
| 1420 - 1440 | Technical Considerations (20mins) <i>Dr Ivan Huang</i> <i>Department of Diagnostic Radiology, Tan Tock Seng Hospital, Singapore</i> |
| 1440 - 1500 | TR Visceral Intervention (20mins) <i>Dr Lawrence Quek</i> <i>Department of Diagnostic Radiology, Tan Tock Seng Hospital, Singapore</i> |
| 1500 - 1520 | Snuffbox Access as an Alternative Radial Access (20mins) <i>Dr Pua Uei</i> <i>Department of Diagnostic Radiology, Tan Tock Seng Hospital, Singapore</i> |
| 1520 - 1535 | Q&A Session (15mins) |
| 1535 - 1550 | Coffee break |
| 1550 - 1610 | TR in Dialysis Access (20mins) <i>Dr Pua Uei</i> <i>Department of Diagnostic Radiology, Tan Tock Seng Hospital, Singapore</i> |
| 1610 - 1630 | Newly Calibrated Gelatin Microparticle as a Versatile Embolic Agent (20mins) <i>Prof Shin Ji Hoon</i> <i>Interventional Radiology, Asan Medical Center, Seoul, Korea</i> |
| 1630 - 1650 | Cases and Complications (20mins) <i>Dr Too Chow Wei</i> <i>Department of Vascular and Interventional Radiology, Singapore General Hospital, Singapore</i> <i>Dr Pua Uei</i> <i>Department of Diagnostic Radiology, Tan Tock Seng Hospital, Singapore</i> |
| 1650 - 1705 | Q&A Session (15mins) |
| 1705 - 1800 | Hands-On Session (55mins) <i>Dr Too Chow Wei</i> <i>Department of Vascular and Interventional Radiology, Singapore General Hospital, Singapore</i> <i>Dr Pua Uei</i> <i>Department of Diagnostic Radiology, Tan Tock Seng Hospital, Singapore</i> |

Workshop 2: Central Venous Access Devices – Tips and Tricks
Friday, 17 August 2018 | KW Chow Conference Room B , Block 2 (Level 1)
Department Of Diagnostic Radiology @ Singapore General Hospital

| Time | Session |
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| 1300 - 1400 | Registration |
| 1400 – 1430 | <p>The Importance of Vessel Health Preservation and Patient Assessment for Central Vascular Access Devices (30mins) <i>A/Prof Michael Temple</i> <i>Centre for Image Guided Therapy, the Hospital for Sick Children, Toronto, Canada</i></p> |
| 1430 - 1500 | <p>Importance of Correct Catheter Tip Location – Use of Technologies in Image Guided PICC (30mins) <i>A/Prof Michael Temple</i> <i>Centre for Image Guided Therapy, the Hospital for Sick Children, Toronto, Canada</i></p> |
| 1500 - 1510 | <p>Bedside PICC Tip Confirmation Made Possible with Site Rite 8 Sherlock 3CG (10mins) <i>Dr Luke Toh</i> <i>Department of Diagnostic and Interventional Imaging, KK Women’s and Children’s Hospital, Singapore</i></p> |
| 1510 -1530 | <p>Procedural Complications and Trouble Shooting in PICCs, Ports, CHD Catheters Insertions (20mins) <i>A/Prof Michael Temple</i> <i>Centre for Image Guided Therapy, the Hospital for Sick Children, Toronto, Canada</i></p> |
| 1530 - 1540 | <p>The Evolution of CVADs Design (10mins) <i>Dr Luke Toh</i> <i>Department of Diagnostic and Interventional Imaging, KK Women’s and Children’s Hospital, Singapore</i></p> |
| 1540 - 1600 | Coffee break |
| 1600 - 1800 | <p>Hands-On Session <i>A/Prof Michael Temple</i> <i>Centre for Image Guided Therapy, the Hospital for Sick Children, Toronto, Canada</i> <i>Dr Luke Toh</i> <i>Department of Diagnostic and Interventional Imaging, KK Women’s and Children’s Hospital, Singapore</i></p> |

| Dinner Workshop: Hybrid Angio-CT Friday, 17 August 2018 Lecture Theatre (Level 8) @ National Heart Centre Singapore | |
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| Time | Session |
| 1800 - 1900 | Registration & Dinner Reception |
| 1900 - 1905 | Welcome Address <i>Mr Masami Tanaka</i> <i>Canon Medical Systems Asia</i> |
| 1905 - 1910 | Address by <i>Prof Yasuaki Arai</i> <i>Interventional Radiology Center, National Cancer Center Hospital, Tokyo, Japan</i> |
| 1910 - 1915 | Address by <i>Prof Tan Bien Soo</i> <i>Radiological Sciences Academic Clinical Programme, Singhealth Duke-NUS Academic Medical Centre</i> |
| 1915 - 1935 | Initial Experience with Having the New Angio-CT (20mins) <i>Dr Gary Yoong</i> <i>Department of Diagnostic Radiology, National University Hospital, Singapore</i> |
| 1935 - 1955 | Application of Angio-CT Suite to Trauma Resuscitation (20mins) <i>Dr Takahiro Kinoshita</i> <i>Department of Traumatology and Acute Critical Medicine, Osaka University Hospital, Japan</i> |
| 1955 - 2015 | Pushing the Boundaries of IR with Angio-CT (20mins) <i>Dr Farah Gillan Irani</i> <i>Department of Vascular and Interventional Radiology, Singapore General Hospital, Singapore</i> |
| 2015 - 2035 | The Usefulness of Hybrid Angio-CT in TACE for Identifying of Extrahepatic Collateral Arteries that Supply HCC (20mins) <i>Dr Ching Charoenvisal</i> <i>King Chulalongkorn Memorial Hospital, Thailand</i> |
| 2035 - 2055 | Power of Angio-CT in Optimizing Trans-Arterial Therapy in Interventional Oncology (20mins) <i>Dr Alex Tang</i> <i>Subang Jaya Medical Centre, Malaysia</i> |
| 2055 - 2115 | Angio-CT for Cool Non-Vascular IR in Oncology (20mins) <i>Dr Shunsuke Sugawara</i> <i>National Cancer Centre, Japan</i> |
| 2115 - 2200 | Q & A Session (20mins) <i>A/Prof Tay Kiang Hiong</i> <i>Department of Vascular and Interventional Radiology, Singapore General Hospital, Singapore</i> <i>Dr Alex Tang</i> <i>Subang Jaya Medical Centre, Malaysia</i> |

| Nurses' Workshop: Central Venous Access Device Care & Management Saturday, 18 August 2018 L1-S2 & L1-S4 (Level 1) , Academia @ SGH Campus | |
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| Time | Session / Venue |
| 0800 - 0900 | Registration |
| 0900 - 1000 | Central Venous Access: Practical Tips from an Interventional Radiologist Perspective (60mins) <i>A/Prof Michael Temple</i> <i>Centre for Image Guided Therapy, the Hospital for Sick Children, Toronto, Canada</i> |
| 1000 - 1030 | KKH's Journey on CVAD Care (30mins) <i>Ms Julia Eng Chui Lee</i> <i>Division of Nursing, KK Women's and Children's Hospital, Singapore</i> |
| 1030 - 1100 | Coffee break |
| 1100 - 1130 | Central Line Associated Bloodstream Infection: A Serious Complication that Impacts Patient Care (30mins) <i>Ms Lim Wen Ting</i> <i>Speciality Nursing Service, Singapore General Hospital, Singapore</i> |
| 1130 - 1200 | Management of CVAD Related Skin Impairment in Children (30mins) <i>Ms Lim San Ling</i> <i>Nursing Specialist Services, Division of Nursing, KK Women's and Children's Hospital, Singapore</i> |
| 1200 - 1230 | CVC Line: The Home Care Journey of SGH / NCCS (30mins) <i>Ms Lim Wen Ting</i> <i>Speciality Nursing Service, Singapore General Hospital, Singapore</i> <i>Ms Looi Woan Tyng</i> <i>Nurse Clinician Department, National Cancer Centre Singapore</i> |
| 1230 - 1300 | Lunch / Exhibition |
| 1300 - 1630 | Practical Session on CVAD Care and Maintenance (3.5 hours) <i>Facilitator:</i> <i>Ms Jiang Saimin</i> <i>Women's Day Therapy Centre , KK Women's and Children's Hospital, Singapore</i> |

| Plenary: Saturday, 18 August 2018 Auditorium (L1) , Academia @ SGH Campus | |
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| Time | Topics |
| 0800 - 0900 | Registration |
| 0900 - 1000 | Medicolegal Implications to the IR in Practice Today (60mins) <i>Mr Lek Siang Pheng</i> <i>Dentons Rodyk & Davidson LLP, Singapore</i> |
| 1000 - 1030 | Coffee break / Exhibition |
| 1030 - 1100 | M&M – How it is Done at SickKids (30mins) <i>A/Prof Michael Temple</i> <i>Centre for Image Guided Therapy, the Hospital for Sick Children, Toronto, Canada</i> |
| 1100 - 1130 | Musculoskeletal Interventions in Children (30mins) <i>A/Prof Michael Temple</i> <i>Centre for Image Guided Therapy, the Hospital for Sick Children, Toronto, Canada</i> |
| 1130 - 1200 | Percutaneous Enteral Feeding in Children (30mins) <i>A/Prof Michael Temple</i> <i>Centre for Image Guided Therapy, the Hospital for Sick Children, Toronto, Canada</i> |
| 1200 - 1240 | Oral Presentations Session 1 (40mins) <ul style="list-style-type: none"> 1) Soft Tissue Vascular Malformations of the Head and Neck <i>Dr Guo Shuyi</i> <i>Department of Vascular and Interventional Radiology, Singapore General Hospital, Singapore</i> 2) Image-Guided Sclerotherapy Using Bleomycin for Lymphatic Malformations of the Tongue <i>Dr Leong Hing Lun</i> <i>Department of Diagnostic and Interventional Imaging, KK Women's and Children's Hospital, Singapore</i> 3) Interim Report of Pilot Study of Novel, Off-Label Central Venous Catheter Insertion in Oncological Patients Using PICC <i>Dr Low Xi Zhen</i> <i>Department of Vascular and Interventional Radiology, Singapore General Hospital, Singapore</i> 4) Protocols for Percutaneous Microwave Ablation: The Impact of Maximum Power, Ablation Time and Total Energy on Ablation Zone in a Live Porcine Model <i>Dr Terrence Hui</i> <i>Department of Diagnostic Radiology, Tan Tock Seng Hospital, Singapore</i> |
| 1240 - 1315 | Lunch / Exhibition (30mins) |
| 1315 - 1400 | Thyroid Ablation – Who, When, Why and How (45mins) <i>Prof Baek Jung Hwan</i> <i>Department of Radiology and Research Institute of Radiology, Asan Medical Center, Seoul, Korea</i> |
| 1400 - 1415 | Imaging Work-Up for Subfertility – HSG, US Sonosaline (15mins) <i>Dr Thida Win</i> <i>Department of Diagnostic and Interventional Imaging, KK Women's and Children's Hospital, Singapore</i> |
| 1415 - 1430 | Fallopian Tubal Recanalization (15mins) <i>A/Prof Anushya Vijayanathan</i> <i>Biomedical Imaging Department, University Malaya Specialist Centre, Kuala Lumpur, Malaysia</i> |
| 1430 - 1455 | Role of the IR in the Morbidly Adherent Placenta (25mins) <i>Dr Dennis Vellanueva</i> <i>Vascular and Interventional Radiology, St. Luke's Medical Center, Quezon City and Global City, Philippines</i> |
| 1455 – 1515 | Embolization for Postpartum Haemorrhage (20mins) <i>Prof Shin Ji Hoon</i> <i>Interventional Radiology, Asan Medical Center, Seoul, South Korea</i> |

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| 1515 – 1545 | Coffee break / Exhibition |
| 1545 – 1610 | Transvaginal US Guided Procedures (Biopsy, Drainages) (25mins) <i>Dr Zhuang Kun Da</i> <i>Department of Vascular and Interventional Radiology, Singapore General Hospital, Singapore</i> |
| 1610 - 1630 | Retrograde Retrieval and Change of Ureteric Stent (20mins) <i>Dr Sivanathan Chandramohan</i> <i>Department of Vascular and Interventional Radiology , Singapore General Hospital, Singapore</i> |
| 1630 - 1700 | IR in Women's Oncology (30mins) <i>Professor Yasuaki Arai</i> <i>Interventional Radiology Center, National Cancer Center Hospital, Tokyo, Japan</i> |
| 1700 - 1810 | Oral Presentations Session 2 (70mins) 1) Caesarean Scar Pregnancy: A Management Dilemma for Medical Professionals <i>Dr Anis Shafina Mahjudz</i> <i>Department of Radiology, Faculty of Medicine, University Teknologi MARA (UiTM), Malaysia</i> 2) Embolisation for Pretreatment of Hydrosalpinx Prior to IVF-ET: An Experience from a Tertiary Care Hospital <i>Dr Leanne Chin Han Qing</i> <i>Department of Radiology, Queen Mary Hospital, Hong Kong</i> 3) Efficacy of Transarterial Embolization (TAE) Using N-butyl Cyanoacrylate (NBCA) for the Treatment of Active Postpartum Haemorrhage (PPH) - Report of Two Cases <i>Dr Edward Chu Yin Lun</i> <i>Department of Radiology, Queen Mary Hospital, Hong Kong</i> 4) Hepatic Venous-Portal Gradient (HVPG) Measurement: A Pictorial Review <i>Mr Lu Qiqi</i> <i>DUKE NUS Medical School, Singapore</i> 5) Management of Arterial Dissections During Transarterial Chemoembolization and Yttrium-90 Selective Internal Radiotherapy for Primary and Secondary Liver Tumours <i>Dr Winfred Goh</i> <i>Diagnostic Radiology, Singapore Health Services</i> 6) Spontaneous Liver Haematoma with Pseudoaneurysm and Arteriovenous Fistula Treated Endovascularly <i>Dr Chng Li Shyan</i> <i>Department of Diagnostic Imaging, Hospital Selayang, Malaysia</i> 7) Does Presence of Arterial Feeder on Cross-Sectional Imaging Predict Treatment Response and Survival After TACE for HCC? Multilevel Analysis of a 139 Patients <i>Dr Justin Guan</i> <i>University of Iowa Hospitals and Clinics, USA</i> |
| 1900 - 2130 | Cocktail & Workshop Dinner |

| Plenary: Sunday, 19 August 2018 Auditorium (L1), Academia @ SGH Campus | |
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| Time | Topics |
| 0800 - 0900 | Registration |
| 0900 - 0920 | Classifications and Imaging of Vascular Anomalies (20mins) <i>Dr Prasanna Sivanath Tirukonda</i> <i>Department of Diagnostic Radiology, Changi General Hospital, Singapore</i> |
| 0920 - 0940 | The Role of the Dermatologist in the Management of Vascular Anomalies (20mins) <i>Dr Mark Koh</i> <i>Dermatology Service, KK Women's and Children's Hospital, Singapore</i> |
| 0940 - 1000 | The Role of the Oncologist in the Management of Vascular Tumours (20mins) <i>Dr Chan Mei Yoke</i> <i>Haematology / Oncology Service, KK Women's and Children's Hospital, Singapore</i> |
| 1000 - 1020 | Radiofrequency Ablation of Vascular Anomalies (20mins) <i>Prof Baek Jung Hwan</i> <i>Department of Radiology and Research Institute of Radiology, Asan Medical Center, Seoul, Korea</i> |
| 1020 - 1040 | Slow Flow Malformations –Lymphatic and Venous (20mins) <i>A/Prof Ahmad Alomari</i> <i>Division of Vascular and Interventional Radiology, Boston Children's Hospital, Massachusetts, USA</i> |
| 1040 - 1100 | Coffee break / Exhibition |
| 1100 - 1120 | Arteriovenous Malformations (20mins) <i>A/Prof Ahmad Alomari</i> <i>Division of Vascular and Interventional Radiology, Boston Children's Hospital, Massachusetts, USA</i> |
| 1120 - 1140 | Embolisation and Cryoablation of Complex Vascular Malformations (20mins) <i>A/Prof Ahmad Alomari</i> <i>Division of Vascular and Interventional Radiology, Boston Children's Hospital, Massachusetts, USA</i> |
| 1140 - 1200 | Ask the Experts: Complex Vascular Anomalies (20mins) 1) Extensive Congenital Venous Lymphatic Malformation: Challenge and Caveat <i>Dr Ido Narpati Bramantya</i> <i>Radiology Department, Harapan Kita Women and Children's Hospital, Indonesia</i> 2) Interventional Radiology Role in Aggressive Kaposiform Hemangioendothelioma <i>Dr Rio Hermawan</i> <i>Dharmais National Cancer Center Hospital, Jakarta, Indonesia</i> 3) Management of Complex Klippel-Trenaunay Syndrome (KTS) <i>Dr Tan Zehao</i> <i>Department of Diagnostic and Interventional Imaging, KK Women's and Children's Hospital, Singapore</i> |
| 1200 - 1220 | Imaging of Uterine Fibroids (20mins) <i>Dr Thida Win</i> <i>Department of Diagnostic and Interventional Imaging, KK Women's and Children's Hospital, Singapore</i> |
| 1220 - 1240 | Uterine Artery Embolisation for Fibroids and Adenomyosis (20mins) <i>Dr Gerard Goh</i> <i>Interventional Radiology, the Alfred Hospital, Melbourne, Australia</i> |
| 1240 - 1245 | Closing Address / End of Event |
| 1400 - 1600 | Public Forum: Current Available Options in the Management of Uterine Fibroids |

| Breakout – Radiographers Track: Sunday, 19 August 2018 L1-S1 (Level 1), Academia @ SGH Campus | |
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| Time | Session / Venue |
| 1200 - 1300 | Registration |
| 1300 - 1315 | Radiation Dose Tracking and Analysis in IR and Cardiac in CGH (15mins) <i>Mr Normandy Destreza</i> <i>Department of Diagnostic Radiology, Changi General Hospital, Singapore</i> |
| 1315 - 1330 | Radiographer's Role in Management of Potential Placenta Previa by Bilateral Internal Iliac Artery Balloon Placement (15mins) <i>Ms R. Meerashni</i> <i>Department of Diagnostic and Interventional Imaging, KK Women's and Children's Hospital, Singapore</i> |
| 1330 - 1345 | The Role of the Radiographer in Stroke Intervention (Mechanical Thrombectomy) (15mins) <i>Mr Zain Almuthar</i> <i>Department of Neuroradiology, National Neuroscience Institute, Singapore</i> |
| 1345 - 1400 | Radiographer Role in Endo Cavity Intervention (15mins) <i>Ms Lim Hui Ling</i> <i>Department of Diagnostic and Interventional Imaging, KK Women's and Children's Hospital, Singapore</i> |
| 1400 - 1415 | Lymphangiography & Lymphatic Embolisation (15mins) <i>Mr Abdul Syafiq Bin Abdul Rahman</i> <i>Department of Vascular and Interventional Radiology, Singapore General Hospital, Singapore</i> |
| 1415 - 1430 | Conventional and Bedside PICC in the Neonatal/PAEDS ICU (15mins) <i>Mr James Ow</i> <i>Department of Diagnostic and Interventional Imaging, KK Women's and Children's Hospital, Singapore</i> |
| 1430 - 1445 | Hybrid OT System-TAVI and Non-Vascular Procedures (15mins) <i>Mr Chen Xinquan</i> <i>Department of Diagnostic Imaging, National University Hospital, Singapore</i> |
| 1445 - 1500 | Neuro- Intervention 3D and Cone Beam CT Application and Post Processing (15mins) <i>Mr Chen Xinquan</i> <i>Department of Diagnostic Imaging, National University Hospital, Singapore</i> |
| 1500 - 1515 | Coffee break |
| 1515 - 1530 | Cone Beam CT TACE (15mins) <i>Mr Ian Wong</i> <i>Department of Radiology, Sengkang General Hospital, Singapore</i> |
| 1530 - 1545 | Advanced Practice for Radiographer in IR in CGH (15mins) <i>Mr Eric Tan</i> <i>Department of Diagnostic Radiology, Changi General Hospital, Singapore</i> |
| 1545 - 1600 | Challenges in Angio-CT for IR Radiographers (15mins) <i>Mr Cornelio G. Padre</i> <i>Division of Radiological Sciences, Singapore General Hospital, Singapore</i> |
| 1600 - 1615 | Fusion Imaging Techniques in the Management of Tumor Ablation (15mins) <i>Mr Oliver D. Laroco</i> <i>Department of Vascular and Interventional Radiology, Singapore General Hospital, Singapore</i> |
| 1615 - 1630 | New Angio-CT Hybrid Set-Up and Workflow- NUH Experience (15mins) <i>Mr Wu Defeng</i> <i>Department of Diagnostic Imaging, National University Hospital, Singapore</i> |
| 1630 - 1730 | Hands-On (Liver Ultrasound Fusion Imaging) <i>Mr Oliver D. Laroco</i> <i>Department of Vascular and Interventional Radiology, Singapore General Hospital, Singapore</i> <i>Mr Abdul Syafiq Bin Abdul Rahman</i> <i>Department of Vascular and Interventional Radiology, Singapore General Hospital, Singapore</i> |
| 1730 | End of Event |