

CURRICULUM VITAE

1. PERSONAL PARTICULARS

Name of Officer : Gavin Lim Hock Tai

Present Appointment : Consultant

Department : Diagnostic Radiology, Tan Tock Seng Hospital

Date & Place of Birth : 4 April 1982, Kota Kinabalu, Sabah, Malaysia

Nationality : Malaysian

Race : Chinese

Marital Status : Married

Language / dialect Written : English, Malay
 Spoken : English, Malay, Chinese (Hakka, Mandarin, Cantonese)

2. SCHOOLS ATTENDED

A 'O' Level School Certificate

School Attended : Anglo Chinese School (Independent)
Year Graduated : 1998

B 'A' Level School Certificate

School Attended : Sunway College (Malaysia)
Year Graduated : 2000

3. TERTIARY AND / OR PROFESSIONAL QUALIFICATIONS

(List all, state university / institution giving dates, and class obtained where applicable)

A Basic Degree and year obtained

MB BCh BAO, LRCP & SI (National University of Ireland), Royal College of Surgeons (Ireland) & Penang Medical College (Msia), 2005

B Post Basic Degree and year obtained

Fellow of the Royal College of Radiologists, FRCR (UK) 2012
Master of Medicine in Diagnostic Radiology (Spore) 2012

4. DUTIES AND RESPONSIBILITIES

A Clinical

Protocoling and reporting of radiological imaging studies and procedures, for modalities such as radiographs, ultrasound, CT, MRI, fluoroscopy. Perform image guided procedures, both interventional and diagnostic.

B Administrative

In charge of organizing and scheduling of Yong Loo Lin School of Medicine radiology lectures for 3rd year to 5th year medical students (commenced June 2015).

C Training/Teaching

On the job teaching and training of junior staff in radiology.
Tutorials / hot seat teaching for junior staff sitting for exams.
Delivering regular consultant lectures to the department.
Teaching and supervising junior staff in interventional procedures.
Clinical lecturer for YLLSOM medical students (radiology based lectures).
Teaching and supervising YLLSOM students on attachment during their electives.
Presentation of interesting cases and topics, and conducting journal club presentations.
Audit rounds presentations.
Multidisciplinary rounds relevant to interventional radiology - weekly general surgery hepatobiliary and fortnightly vascular rounds.
Internal interventional radiology thermal ablation / chemoembolization weekly rounds.

5. ECA RECORDS

A Committee Work

TTSH

1. Doctors' Lounge Committee Secretary – 1 July 2013 to 30 June 2016
Tan Tock Seng Hospital Peer Review Learning Quality Assurance Committee (PRL QAC) – Normal member
2. Yong Loo Lin School of Medicine – Clinical lecturer and roster planner

3. Tan Tock Seng Hospital Dinner & Dance 2017 Organizing Committee
4. 3P Radiology Clean Angio Project - Developing and planning the upcoming new angiointerventional suite for Tan Tock Seng Hospital
5. Angiointerventional radiology and Anaesthesia VIR-PACE Referral Workflow and Checklist group for streamlining patient selection and evaluation for moderate anaesthesia care (MAC) and/or general anaesthesia (GA)
6. TTSH VIR Hepasphere Registry
7. Agency for Care Effectiveness (ACE) Application for Medical Technology Evaluation for subsidies; requestor for Vascular Closure Devices (VCDs: Abbott Vascular Perclose ProGlide Suture-Mediated Closure System, Abbott Vascular StarClose SE, Cordis ExoSeal, Terumo Angio-Seal VIP) and Vertebroplasty and Spine Augmentation Stents (Alphatec Osseofix Spinal Fracture Reduction System and Synthes Balloon Mounted Vertebral Body Stenting System).

External

1. 24th Annual Scientific Meeting of the Singapore Radiological Society and College of Radiologists Singapore (2015) – Scientific program advisory committee member
2. Singapore Congress of Radiology 19-21 February 2016 - Organizing Committee Member and Workshops Organizer
3. Singapore Radiological Society (SRS) - Executive Committee Member, 2016 to present
4. Clinical Laboratory MOH/NEA License Holder for Geylang East Polyclinic, X-Ray Laboratory “NHG DIAGNOSTICS” ACK No. 170530004335
5. Singapore Congress of Radiology Annual Scientific Meeting in conjunction with WIRES Workshops in Interventional Radiology Education Singapore, 15th to 17th August 2019 - Organizing Chairperson

B Professional Membership

Singapore Radiological Society, Lifetime member
 Fellow of the Royal College of Radiologists (UK)
 CIRSE (Cardiovascular and Interventional Society of Europe)
 SRSCVIR (Singapore Society of Interventional Radiology)

**6. COURSES/ CONFERENCES ATTENDED
(BOTH AS PRESENTER AND PARTICIPANT)**

(Please indicate titles and dates of conferences)

A Local

Participant

1. National Neuroscience Conference 2012
2. Singapore Radiological Society Embolisation Workshop (13 May 2015)
3. Singapore General Hospital Thyroid Workshop (21st October 2015)
4. Singapore General Hospital Endovascular Course (26th and 27th October 2015)
5. Singapore General Hospital Yttrium 90 Center of Excellence (20th and 21st November 2017)
6. Singapore General Hospital Responsible Care and Use of Live Animals Course (13 November 2018)

Presenter

1. Skills for Trauma and Resus course (Intermediate) aka FAST equivalent, Phnom Penh, Cambodia July 2016 - Faculty
2. Below The Knee Angioplasty Workshop, TTSH, 2016 - Faculty, organizer and live case demonstrator
3. Radiology Asia 2017 WIRES (Workshops in Interventional Radiology Education in Singapore) - The Transradial Approach for the Interventional Radiologist Workshop faculty and speaker
4. Terumo / TTSH Transradial Workshop, 5-6 June 2017 - Faculty, case organizer, live case demonstrator
5. Merit Medical / TTSH Transradial Workshop, 6-7 July 2017 - Faculty, case organizer, live case demonstrator
6. Boston Scientific / TTSH Transradial and Tandem Embolization Workshop, 17-18 July 2017 - Faculty, case organizer, live case demonstrator

7. Merit Medical / TTSH Transradial Workshop, 16-17 October 2017 - Faculty, case organizer, live case demonstrator
8. Merit Medical / TTSH Transradial Workshop, 22-23 January 2018 - Faculty, case organizer, live case demonstrator
9. Boston Scientific / TTSH Transradial Transarterial Chemoembolization (TACE) & Haemodialysis Access Management Workshop, 23 to 24 April 2018 - Faculty, live case demonstrator.
10. Merit Medical / TTSH Transradial Workshop, 1-2 July 2019 - Faculty, lecturer.
11. Merit Medical / TTSH Transradial Workshop, 26-27 August 2019 - Faculty, lecturer
12. Critical Issues in Endovascular Therapy, Organized by SVESS. Conrad Centennial Singapore. 30 November - 1 December 2019 - faculty, lecturer "Ultrasound in Peripheral Intervention"

B International

Presenter

1. Rectal Bleeding on Multidetector CT Mesenteric Angiogram - UKRC, Birmingham, June 2010
2. SGCR and WIRES 2016 - Transarterial Chemobolization of Liver Lesions live case demonstrator and faculty
3. APSCVIR 2018 live case demonstrator - Thermal Ablation of Liver Lesions with Neuwave Microwave Ablation System
4. PSVIR Philippines Society of Vascular and Interventional Radiology, 25th August 2018 - Invited speaker, "Radiofrequency, Microwave, and Cryoablation".

Participant

1. Assessment of Collaterals on Day-2 CT Angiography Can Predict Functional Outcome in Thrombolyzed Anterior Circulation Acute Ischemic Stroke - International Stroke Conference 2014
2. Extensive Collateral Recruitment after Intravenous Thrombolysis in Acute Ischemic Stroke is Associated with Symptomatic

- Intracranial Haemorrhage - International Stroke Conference 2014
3. International Intensive Course in Interventional Radiology, Seoul, Korea (2nd to 6th February 2015)
 4. Peer to Peer Endo Essentials, Endovascular Therapies, Songklanagarind Hospital Dept of Surgery, Hatyai, Thailand (21st to 23rd July 2015)
 5. LINC Asia Pacific, Hong Kong (8th to 10th March 2016)
 6. Guerbet Asia Pacific Preceptorship Programme in Conventional TACE, Seoul National University Hospital, Seoul, South Korea - 24 to 26 November 2016
 7. Abbott Shanghai Crossroads ASIA Endo CRI Program, Shanghai, China - 20th to 21st July 2017
 8. Boston Scientific ASVS Course, Kuala Lumpur, Malaysia - 25th to 27th October 2017
 9. Asea Oceanic School of Radiology, AOSOR Youth Club 2017, Seoul, South Korea - 9th to 12th November 2017
 10. Biotronik PVI B-Connected peripheral vascular intervention course. Gold Coast, Australia - 28th to 30th May 2018
 11. 14th Annual Scientific Meeting of the Asian Pacific Society of Cardiovascular and Interventional Radiology APSCVIR - 21st to 24th February 2019
 12. BTK Observation Program by Dr Marco Manzi, Abano Terme, Italy - 4th to 6th March 2019
 13. Aortic Summit 2019 - Danang, Vietnam. 19-20 July 2019
 14. A Paradigm Shift in Arterial Clot Removal: Surgery to Endovascular. Penumbra. 27th May 2020
 15. EndoAVF Creation, Restore, and Maintain. Virtual ESKD with Wavelinq. 16th June 2020.
 16. Evolution of Coil Technology and Applications, Penumbra. 25th June 2020
 17. MSK Interventional Oncology (online classroom) CCMA/SIO, Beijing. 2 July 2020
 18. CIRSE 2020, 12 to 15 September (online webinar)
 19. Critical updates in Cryoablation, 5 December 2020 (online webinar)

7. RESEARCH

(Projects / Activities Undertaken)

A Local

1. Singapore General Hospital Basic Breast Audit, 2012-2013
2. Tan Tock Seng Hospital Central Stentoplasty Results (presented at hospital conference)

3. Singapore INfra-Genicular Angioplasty with PAclitaxel-eluting balloon for Critical Limb Ischaemia (SINGAPACLI) Trial (ongoing)
4. Tan Tock Seng Hospital CPIP: Reducing waiting times for radiofrequency ablation appointments
5. A Phase 3, Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Safety and Efficacy of Selonsertib in Subjects with Nonalcoholic Steatohepatitis (NASH) and Bridging (F3) Fibrosis
6. Tan Tock Seng Hospital CPIP 2019 (batch 47) team member - Improving First Case On Time Start Rates at Angio Suite - Merit Award at NHG QIA
7. Percutaneous Deep Vein Arterialization Post-Market Study
8. A single center, retrospective review on the usefulness of sealing the needle track with either normal saline, autologous blood or gelfoam torpedoes after CT-guided percutaneous lung biopsy in the prevention of pneumothorax. 2019/01186 (ongoing)

B Regional

C International

8. PUBLICATION OF PAPERS

A Local Journals

1. A Case Of Sclerosing Angiomatoid Nodular Transformation of the Spleen. Singapore Med J. 2015 Jun; 56(6): e96–e99

B Regional

C International Journals

1. Bilateral Restless Leg Syndrome Due To Unilateral Primary Hemorrhage In The Basal Ganglia. Basal Ganglia BAGA-99, Volume 3, Issue 3, December 2013
2. Isolated Nodular Ischemic Infarcts: A Central Lesion That Presents As Peripheral Vertigo. British Journal of Medicine and Medical Research, Vol.: 4, Issue.: 1 (01-15 January)
3. Clinics in diagnostic imaging (140). Iatrogenic Sciatic Nerve Injury Secondary to Intramuscular Injection. Singapore Medical Journal 2012 Aug;53(8):551-4;quiz 555
4. Single-session multilevel central stentoplasty. J Vasc Interv Radiol. 2016 Mar;27(3):416-7
5. Cone-Beam CT Guided Vertebroplasty in a Patient With Vertebra Plana. AJR Am J Roentgenol. July 2016. Vol. 207, No. 1 : pp. 196-199.
6. Percutaneous Microwave Ablation of Liver Tumors using Novel Thermosphere (Tm) Technology: Report of the First 100 cases. International Journal of Hyperthermia (pending acceptance)

7. Safety and Efficacy of Percutaneous Thermal Ablation of Juxta-cardiac Hepatic Tumors. CVIR (May 2018). Cardiovasc Intervent Radiol (2018) 41:920–927)
8. Epstein-Barr virus associated smooth muscle tumour (EBV-SMT) in an acquired immune deficiency syndrome (AIDS) patient with multi-focal multi-organ masses (pending acceptance).
9. Feasibility Study of Snuffbox Radial Access for Visceral Interventions. Vasc Interv Radiol. 2018 Sep;29(9): 1276-1280
doi:10.1016/jvir.2018.05.002
10. Are Cerebral Ischaemic Complications More Likely to Occur in Elderly Patients Undergoing Transradial Non-Coronary Intervention - A Single-Center Retrospective Review - Accepted pending publication, JMIR Journal of Medical Imaging and Radiation Oncology
11. Cone-beam computed tomography guided unipedicular central stentoplasty of the thoracolumbar spine: early technical experience and results. Last author. Accepted, JMIR Journal of Medical Imaging and Radiation Oncology
12. Microwave ablation of the liver in a live porcine model: The impact of power, time and total energy on ablation zone size and shape. International Journal of Hyperthermia. Pages 668-676 | Received 01 Mar 2020, Accepted 20 May 2020, Published online: 18 Jun 2020.
<https://doi.org/10.1080/02656736.2020.1774083>
13. Single-setting superior vena cava biopsy and stenting utilising cone beam computed tomography. Co-author. Pending review. British Journal of Radiology.
14. Using Coaxial Guiding Needle in Combined Biopsy and Imaging Guided Microwave Ablation: Ex-Vivo Experiment and Clinical Application. Co-author. Pending review. CVIR Cardiovascular and Interventional Radiology.