

CURRICULUM VITAE

PERSONAL PARTICULARS

Name : Terence **TEO** Kiat Beng

CURRENT APPOINTMENT

Mar 2013 – current : Consultant Radiologist
Medi-Rad Associates Ltd
Radiology Consultants Pte Ltd
ParkwayHealth Radiology
Mount Elizabeth Hospital, Singapore

EDUCATION AND QUALIFICATIONS

Degree/Year	Institution/School	Discipline
FAMS/2009	Academy of Medicine, Singapore	Specialist in Diagnostic Radiology
FSMB / 2009	FSMB	USMLE Step 3
ECFMG/2009	ECFMG	USMLE Steps 1, 2 CK and CS
FRCR/2006	Royal College of Radiologists, UK	Diagnostic radiology
MBBS/2000	National University of Singapore	Basic medical degree
1992	National Junior College, S'pore	GCE 'A' Levels
1990	St. Joseph's Institution, S'pore	GCE 'O' Levels
1986	SJI Junior, S'pore (Former St. Michael's School)	Primary School Leaving Examination

WORK EXPERIENCE

Month/Year	Posting and Institution	Position
May 2000 – Aug 2000	General Surgery, SGH	House Officer (Internship level)
Sep 2000 – Dec 2000	General Medicine, CGH	

Jan 2001 – Apr 2001	Pediatrics, KKH	
May 2001 – Oct 2001	Surgical Oncology, NCC	Medical Officer (Residency level in a non-training program)
Nov 2001 – Apr 2002	Pediatric Surgery, KKH	
May 2002 – Oct 2002	Pediatrics, KKH	
Nov 2002 – Apr 2003	Neonatology, KKH	
May 2003 – Oct 2003	Otolaryngology, SGH	
Nov 2003 – Oct 2004	Diagnostic Radiology, CGH	Medical Officer (Basic Specialty Trainee) (Residency level in a training program)
Nov 2004 – Oct 2005	Diagnostic Imaging, NUH	
Nov 2005 – Apr 2006	Diagnostic Radiology, KKH	
May 2006 – Oct 2006	Diagnostic Radiology, SGH	
Nov 2006 – Oct 2008	Diagnostic Radiology, SGH	Registrar (Advanced Specialty Trainee) (Fellowship level)
Nov 2008 – Oct 2010	Vascular & Interventional Radiology, SGH	Associate Consultant
Oct 2009 – Oct 2010	Vascular & Interventional Radiology, University of Virginia Health System	Clinical Fellow
Nov 2010 – Feb 2013	Vascular & Interventional Radiology, SGH	Consultant

VISITING CONSULTANCY AND ACADEMIC APPOINTMENT

- Sep 2014 – Mar 2017 : Visiting Consultant Radiologist
Department of Diagnostic Radiology
Singapore General Hospital
- Jun 2013 – May 2015 : Visiting Consultant Radiologist
Department of Diagnostic Imaging
Alexandra Hospital
- Jan 2011 – Feb 2013 : Visiting Consultant Radiologist
Department of Diagnostic Imaging
KK Women's and Children's Hospital
- Aug 2011 – Feb 2013 : Clinical Senior Lecturer
(Clinical Tutor : Aug 2009 – Jul 2011)
Yong Loo Lin School of Medicine
National University of Singapore

PUBLICATIONS

1st, 2nd or last Author

1. **Teo T**, Wee SB. Clinically 'benign' breast lumps: sarcoma in hiding? - Case reports and literature review. Ann Acad Med Singapore. 2004 Mar;33(2):270-4.

2. **Teo TK**, Venkatesh SK, Tan LK, Wong PS. Small cell neuroendocrine carcinoma presenting as a pulmonary artery mass. Clin Radiol. 2007 Oct;62(10):1015-8.
3. **Teo TKB**, Tay KH, Lin SE, Tan SG, Lo RHG, Taneja M, Irani FG, Sebastien MG, Lim KH, Tan BS. Endovenous laser therapy in the treatment of lower limb venous ulcers. J Vasc Interv Radiol 2010 May;21(5):657-62.
4. **Teo TKB**, Tan BS, Tay KH. A brief history of interventional radiology in Singapore and its current status. BIIJ 2011;7(2):e13. Available at <http://www.biiij.org/2011/2/e13/e13.pdf>
5. **Teo TK**, Sabri SS, Turba UC, Saad WE, Angle JF. Obliteration of bleeding peristomal varices with balloon-occluded retrograde tranvenous obliteration using sodium tetradeacyl sulfate foam. J Vasc Interv Radiol. 2011 Jul;22(7):1049-51.
6. **Teo TK**, Angle JF, Shipp JI, Bluett MK, Gilliland GA, Turba UC, Matsumoto AH. Incidence and management of inferior vena cava filter thrombus detected at time of filter retrieval. J Vasc Interv Radiol. 2011 Nov;22(11):1514-20.
7. Roche G, **Teo TK**. Tan AE, Irani FG. Intra-arterial CT angiography visualization of arterial supply to inferior vena cava tumor thrombus prior to radioembolization of hepatocellular carcinoma. Saudi J Gastroenterol. 2012 Nov;18(6):384-7.
8. Too CW, Sayani R, Lim EY, Leong S, Gogna A, **Teo TK**. REcanalisation and Balloon-Oriented Puncture for Re-Insertion of Dialysis Catheter in Nonpatent Central Veins (REBORN). Cardiovasc Intervent Radiol. 2016 Aug;39(8):1193-8.
9. Irani FG, **Teo TKB**, Tay KH, Yin WH, Win HH, Gogna A, Patel A, Too CW, Chan SXJM, Lo RHG, Toh LHW, Chng SP, Choong HL, Tan BS. Hemodialysis Arteriovenous Fistula and Graft Stenoses: Randomized Trial Comparing Drug-eluting Balloon Angioplasty with Conventional Angioplasty. Radiology. 2018 Oct;289(1):238-247.

As Other Author

1. Leong QM, Lai HK, Lo RGH, **Teo TKB**, Goh A, Chow PKH. Radiation dermatitis following selective internal radiation therapy for hepatocellular carcinoma: a case for prophylactic embolization of a patent falciform artery. J Vasc Interv Radiol 2009 June;20(6):833-6.
2. Taneja M, Tay KH, Sebastian M, Pasupathy S, Lin SE, **Teo T**, Low R, Irani FG, Chng SP, Dewan A, Tan BS. Self-expanding nitinol stents in recanalisation of long-length superficial femoral artery occlusions in patients with critical limb ischaemia. Singapore Med J. 2009 Dec;50(12):1184-8.
3. Taneja M, Tay KH, Dewan A, Sebastian MG, Pasupathy S, Lin SE, **Teo T**, Lo R, Tan SG, Irani FG, Tan BS. Bare nitinol stent enabled recanalization of long-segment, chronic total occlusion of superficial femoral and adjacent proximal popliteal artery in diabetic

patients presenting with critical limb ischemia. *Cardiovasc Revasc Med*. 2010 Oct-Dec;11(4):232-5.

4. Kao YH, Tan EH, **Teo TK**, Ng CE, Goh SW. Imaging discordance between hepatic angiography versus Tc-99m-MAA SPECT/CT: a case series, technical discussion and clinical implications. *Ann Nucl Med*. 2011 Nov;25(9):669-76.
5. Wong KM, Tan BS, Taneja M, Wong SY, Loke JS, Lin SE, Lo RH, **Teo KB**, Tay KH. Cone beam computed tomography for vascular interventional radiology procedures: early experience. *Ann Acad Med Singapore*. 2011 Jul;40(7):308-7.
6. Burgmans MC, Irani FG, Chan WY, **Teo TK**, Kao YH, Goh AS, Chow PK, Lo RH. Radioembolization after portal vein embolization in a patient with multifocal hepatocellular carcinoma. *Cardiovasc Intervent Radiol*. 2012 Dec;35(6):1519-23.
7. Burgmans MC, Kao YH, Irani FG, Dames EL, **Teo TK**, Goh AS, Chow PK, Tay KH, Lo RH. Radioembolization with infusion of yttrium-90 microspheres into a right inferior phrenic artery with hepatic tumor supply is feasible and safe. *J Vasc Interv Radiol*. 2012 Oct;23(10):1294-301.
8. Kao YH, Steinberg JD, Tay YS, Lim GK, Yan J, Townsend DW, Takano A, Burgmans MC, Irani FG, **Teo TK**, Yeow TN, Gogna A, Lo RH, Tay KH, Tan BS, Chow PKh, Satchithanantham S, Tan AE, Ng DC, Goh AS. Post-radioembolization yttrium-90 PET/CT - part 1: diagnostic reporting. *EJNMMI Res*. 2013 Jul 25;3(1):56.
9. Chew LL, Tan BS, Kumar K, Htoo MM, Wong KS, Cheng CW, **Teo TK**, Irani FG, Choong HL, Tay KH. Percutaneous transluminal angioplasty of transplant renal artery stenosis. *Ann Acad Med Singapore*. 2014 Jan;43(1):39-43.
10. Patel A, Gogna A, Irani FG, **Teo TK**, Yeow TN, Jain D, Lo RH, Tay KH, Tan BS, Azhar R, Chang JP, Taneja M. Single centre experience of transjugular liver biopsy in 152 patients. *Ann Acad Med Singapore*. 2014 Mar;43(3):160-5.
11. Tay DZ, Goh PY, **Teo TK**, Boey ML, Chachlani N, Wong PS. Immunoglobulin G4-related aortitis mimicking an intramural hematoma. *Asian Cardiovasc Thorac Ann*. 2015 Nov;23(9):1083-6.

FREE PAPER, ORAL AND POSTER PRESENTATIONS

Year	Title	Meeting
2004 Mar	Oral – Magnetic Resonance Imaging Provides Superior Evaluation of Fistula-in-Ano and Outcome	14 th Singapore Radiological Society Annual Scientific Meeting (Singapore)
2005 Mar	Poster - Utility of Multiplanar Reconstructions in CT Staging of Carcinoma Stomach	15 th Singapore Radiological Society Annual Scientific Meeting (Singapore)
2005	Poster - Incidental Pulmonary	56 th Royal Australian and New Zealand

Oct	Embolism In In-Patients Detected With CT: Impact On Patient Management	College of Radiologists Annual Scientific Meeting (Sydney, Australia)
2007 July	Oral – The Role of Fluoroscopic Transcervical Fallopian Tube Recanalisation in the Management of Female Infertility	41 st Singapore-Malaysia Congress of Medicine (Singapore)
2007 Dec	Oral - The Role Of Fluoroscopic Transcervical Fallopian Tube Recanalisation In The Management Of Female Infertility	5 th Annual Indonesian Radiology Scientific Meeting (Jakarta, Indonesia)
2007 Dec	Oral - Endovenous Laser Treatment (EVLT) For Lower Limb Varicose Veins Due To Great Saphenous Vein (GSV) Reflux	5 th Annual Indonesian Radiology Scientific Meeting (Jakarta, Indonesia) 2 nd Prize
2008 Mar	Poster - Endovenous Laser Treatment (EVLT) in the Treatment of Lower Limb Venous Ulcers	2008 Society of Interventional Radiology 33 rd Annual Scientific Meeting (Washington D.C, USA) Poster Award Winner
2008 Jun	Oral - Catheter directed pulmonary arterial thrombolysis using urokinase in the treatment of massive pulmonary embolism	8 th Asia Pacific Congress of Cardiovascular & Interventional Radiology (Kuala Lumpur, Malaysia)
2009 Mar	Oral - Endovenous Laser Therapy (EVLT) In The Treatment Of Lower Limb Venous Ulcers	18 th Singapore Radiological Society Annual Scientific Meeting (Singapore)
2011 Mar	Oral - Incidence and management of inferior vena cava filter thrombus detected at time of filter retrieval	2011 Society of Interventional Radiology 36 th Annual Scientific Meeting (Chicago, Illinois, USA)
2011 May	Oral - Incidence and management of inferior vena cava filter thrombus detected at time of filter retrieval	15 th Congress of the ASEAN Association of Radiology (incorp. 20 th Singapore Radiological Society Annual Scientific Meeting) (Singapore)
2012 Sep	Oral - Comparison of acupuncture versus placebo in pain control during percutaneous transluminal angioplasty of stenoses in dysfunctional hemodialysis arterio-venous fistulae: preliminary experience	2012 CIRSE (Cardiovascular and Interventional Radiological Society of Europe) (Lisbon, Portugal)
2013 Mar	Oral - Prospective randomized trial comparing drug-eluting balloon versus conventional percutaneous transluminal angioplasty (DEBAPTA) for the treatment of hemodialysis arteriovenous fistula or	22 nd Singapore Radiological Society Annual Scientific Meeting (Singapore) 2 nd Prize – Young Investigator's Award

	arteriovenous graft stenoses - interim report of first 49 patients	
2013 Apr	Oral - Prospective randomized trial comparing drug-eluting balloon versus conventional percutaneous transluminal angioplasty (DEBAPTA) for the treatment of hemodialysis arteriovenous fistula or arteriovenous graft stenoses - interim report of first 30 patients	2013 Society of Interventional Radiology 38 th Annual Scientific Meeting (New Orleans, USA) Featured Abstract
2013 Sep	Oral - Interim analysis of the DEBAPTA trial: a randomized trial comparing drug-eluting balloon angioplasty versus conventional percutaneous transluminal angioplasty for treatment of hemodialysis arteriovenous fistula or arteriovenous graft stenoses	2013 Cardiovascular and Interventional Radiological Society of Europe (Barcelona, Spain)

MEETING GRANTS

1. Global Embolization Symposium and Technologies (GEST) 2010 - Young Interventional Radiologist Grant Program

RESEARCH GRANTS

1. National Medical Research Council (Nov 2010) - Prospective randomized trial comparing drug eluting balloon angioplasty versus conventional percutaneous transluminal angioplasty balloon for the treatment of hemodialysis arterio-venous fistula or arterio-venous graft stenoses.

RESEARCH PROJECTS IN PROGRESS

1. Cutting balloon vs. high pressure balloon in the treatment of resistant stenoses in AVG and AVF after conventional angioplasty – manuscript preparation
2. High pressure balloon vs. high pressure balloon with drug-eluting stent in the treatment of venous-graft anastomosis in AVG – manuscript preparation

JOURNAL REVIEWER

1. Singapore Medical Journal (SMJ)
2. Biomedical Imaging and Intervention Journal (BIIJ)

3. Annals, Academy of Medicine, Singapore (AAMS)
4. CardioVascular & Interventional Radiology (CVIR)
5. Mediterranean Journal of Hematology and Infectious Diseases (MJHID)

MODERATOR

1. Trans-arterial Chemoembolization - APSCVIR 2018
2. Biliary Intervention - APSCVIR 2018
3. 'Intervention Session 1: PVD: Iliac and SFA intervention (Beyond POBA & What's New) – WIRES/SGCR 2016
4. 'Intervention Session 3: (Aortic Intervention) Conquering Difficult Anatomy with Advanced Techniques and New Devices – WIRE/SGCR 2016
5. 'Interactive case corner – endovascular' - AsiaPCR/SingLive 2013
6. 'Free paper session: Gynaecological intervention' - 2012 CIRSE (Lisbon, Portugal)

INVITED TALKS

1. 'HCC with portal vein tumour thrombosis' - 7th AMEA Peripheral Embolization (IO) Workshop, September 2018
2. 'Endovascular treatment of thrombotic disease in artery and veins' - 7th AMEA Peripheral Embolization (IO) Workshop, September 2018
3. 'Post-partum bleeding' - 7th AMEA Peripheral Embolization (IO) Workshop, September 2018
4. 'Iatrogenic bleeding related to percutaneous intervention' - 7th AMEA Peripheral Embolization (IO) Workshop, September 2018
5. 'Management options for ilio-femoral thrombosis (evidence, tools, thrombolysis protocols)' - APSCVIR 2018, Mar 2018
6. 'Renal artery embolization' - 6th AMEA Peripheral Embolization (IO) Workshop, August 2017
7. 'Iatrogenic bleeding related to percutaneous intervention' - 6th AMEA Peripheral Embolization (IO) Workshop, August 2017
8. 'Tips and tricks in overcoming total iliac venous occlusion' – Asian Society for Vascular Surgery, Oct 2016
9. 'Role of DCB in dialysis access salvage – What is the evidence?' – Asian Society for Vascular Surgery, Oct 2016
10. 'The Role of Interventional Radiology for Oncology Patients' – CNE Talk for PCC nurses, Jul 2015
11. 'Lororegional Therapies for HCC' – CanHope Regional Meeting 2014, Nov 2014
12. 'The Practical Challenges in Informed Consent in Radiology – A Singapore Perspective' – College of Radiologists, Singapore Workshop – Consent in Interventional Radiology, Jul 2013
13. 'Recorded LIVE demonstration - iliac/SFA angioplasty/stenting' - AsiaPCR/SingLive 2013
14. 'Difficult interventional cases in critical limb ischaemia' – Endovascular Course, Medtronic Asia Pacific, Nov 2012.

15. 'Role of TACE in the current era of alternative locoregional treatment options' – Scientific Forum on Management of HCC, Jul 2012.
16. 'Hybrid techniques in aortic repair' & 'SAFARI technique for chronic total occlusions in lower extremity arteries' – Thai Society of Vascular & Interventional Radiology 14th Annual Meeting, Feb 2012.
17. 'Strategies & tips in endovascular treatment of aorto-iliac disease' & 'Endovascular management of non-maturing and failing AVFs' – Endovascular Course, Medtronic Asia Pacific, Aug 2011.
18. 'Lines for access and therapy in interventional oncology' – WIRES 2011, Jul 2011.
19. 'Endovascular management of non-maturing and failing AVFs' – Endovascular Course, Medtronic Asia Pacific, Feb 2011.
20. 'Selection of Iliac Complication Cases' – AsiaPCR/Singapore LIVE, Jan 2011.
21. 'Balloon-Occluded Retrograde Transvenous Obliteration' – Workshops in Interventional Radiology Education Singapore (WIRES) 2010: Hepatobiliary Interventions, Oct 2010.
22. 'How Can Radiologists Help In Managing Frozen Shoulder/Shoulder Pain?' - SGH 16th Annual Scientific Meeting, Apr 2007

NATIONAL GUIDELINES

- 2016 : Chairman, Workgroup on 'Advisory and Guidelines on Informed Consent in Interventional Radiology'

HONOURS AND AWARDS

- 2012 : Singapore Health Quality Service Award - Silver
 2011 : 10-year Long Service Award, SGH (Jul 2011)
 2009 : Health Manpower Development Programme (Oct 2009 – Sep 2010)
 2009 : Service With A Heart Award (Jul – Sep 2009)
 2006 : Good Service Medal (5 years) – Singapore Armed Forces
 1998 : Winner of Singapore Medico-Legal Society Essay Competition

PROFESSIONAL SOCIETY MEMBERSHIPS

- | | | |
|----------------|---|---|
| 2017 - Present | : | EXCO member, APSCVIR |
| 2016 – Present | : | Member, Standing Committee for Membership, AMS |
| 2015 – Present | : | Vice-Chairman, Chapter of Diagnostic Radiologists, CRS |
| 2014 – 2015 | : | EXCO member, Singapore Radiological Society |
| 2012 – 2014 | : | Honorary Secretary, Singapore Radiological Society |
| 2011 – 2012 | : | EXCO member, Singapore Radiological Society |
| 2010 – Present | : | Keats Alumni Society (UVA), Ordinary Member (Past fellow) |
| 2010 – Present | : | Society of Interventional Radiology, Member-in-Training |
| 2009 – Present | : | Singapore Radiological Society, Ordinary Member |
| 2000 – Present | : | Singapore Medical Association, Ordinary Member |

ORGANISATION

1. Vice-Chairman, Ministry of Health Radiology Services Working Committee
2. Treasurer, Organizing Committee, SGCR - 2016
3. Chair for Facilities, Organizing Committee, APCCVIR – 2014
4. Member, Organizing Committee, WIRES 2011 – July 2011
5. Member, SGH Medication Safety Committee – May 2011 to May 2013
6. Deputy Director, Interventional Radiology Centre – Oct 2010 to current
7. Core Faculty for VIR, Singhealth Diagnostic Radiology Residency Faculty – July 2010 to current
8. Deputy Director, Radiology Training – April 2009 to April 2010
9. Live case operator in SingLive 2009 – February 2009
10. Member and Master of Ceremony, Organizing Committee - Live Symposium - Cone Beam
11. CT applications in Interventional Radiology – January 2009
12. Member and Master of Ceremony, Organizing Committee, Hybrid Angiography – CT Live Symposium, New Horizons in Interventional Radiology – November 2008
13. Member, Organizing Committee, SGH-Siemens Ultrasound Seminar ‘Cutting Edge Ultrasound Applications’ – August 2008

MILITARY SERVICE

Date	Title and Branch	Highest Rank
23 Dec 02 – 22 Jun 05	Clerical Assistant and Combat Medical Orderly, Republic of Singapore Navy	Corporal
May 2003 – Current	Medical Officer (Radiologist), Republic of Singapore Navy	Major