

DR. TEY YEE SIN

MMC Full Registration Number: 49508

NSR Registration Number (Internal Medicine, Cardiology): 133661



CURRICULUM VITAE

PERSONAL DETAILS

Name : Dr. Tey Yee Sin
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PRESENT CLINICAL POSITION

Interventional Cardiologist, Department of Cardiology, National Heart Institute (IJN), Malaysia

EDUCATION

University Education	International Medical University (IMU) Aug 2003- Aug 2008
Qualification	Bachelor of Medicine and Bachelor of Surgery, MBBS (First Class Honour), 2008 Member of the Royal College of Physicians of the United Kingdom, MRCP (UK), MRCP (London), 2015
Special Interest	Interventional Cardiology including complex PCI with atherectomy, balloon aortic valvuloplasty, transcatheter aortic valve implantation, intracoronary imaging (OCT and IVUS) and physiology assessment, peripheral arterial disease intervention, arterio-venous fistula intervention and general cardiology

CERTIFICATIONS/ AWARDS

2013	Good Clinical Practice Certification (GCP) Clinical Research Centre, Malaysia
2015	Postgraduate Diploma Member of the Royal College of Physicians, United Kingdom (MRCP, UK)
2019	Winner of Best of Malaysia, MyLIVE 2019, Malaysia - Phantasmagoria of Angioplasty, The Horror and The Beauty Winner of Best Complication Case, HKSTENT-CICF 2019, Hong Kong - Bad Luck Comes in Threes
2022	European Examination in Core Cardiology (EECC) EAPCI Certification in Interventional Cardiology, Part A (Theory) Certified Diamondback 360° Coronary Orbital Atherectomy System Physician
2023	Certified Rotapro Rotational Atherectomy System provider

PROFESSIONAL EXPERIENCE

4th Dec 2008 – 4th Dec 2010	House Officer (Internal Medicine, General Surgery, Accident and Emergency Medicine, Obstetric and Gynaecology, Paediatric and Orthopaedic, 4 months for each rotation) Hospital Tuanku Ja'afar Seremban
5th Dec 2010 – 12th Dec 2010	Medical Officer Orthopaedic Department, Hospital Tuanku Ja'afar Seremban
13th Dec 2010 – 29th Feb 2012	Medical & Health Officer, General Practice, Maternal and Child Health District Health Clinic, Klinik Kesihatan, Bahau, Negeri Sembilan State
1st Mar 2012 – 6th July 2015	Medical Officer, Internal Medicine Hospital Tuanku Ja'afar Seremban
7th July 2015 – 3rd July 2016	Clinical Specialist/ Registrar, Internal Medicine, Cardiology, Neurology, Gastroenterology, Haematology, Rheumatology (3 months for each rotation) Hospital Tuanku Ja'afar Seremban
4th July 2016 – 31th Dec 2017	Physician, Internal Medicine Hospital Tuanku Ja'afar Seremban
1 st Jan 2018 – 31th July 2022	Cardiology Clinical Specialist National Heart Institute Malaysia
1 st December 2022 – Now	Interventional Cardiologist National Heart Institute Malaysia

TEACHING & SUPERVISION

2016	Organising Committee, Membership of Royal College of Physicians, MRCP (UK) PACES Examination Oversea Centre (Seremban, Negeri Sembilan)
	Organising Committee, IMU-Hospital Tuanku Ja'afar Seremban MRCP PACES Preparatory Course and Mock Exam
	Organiser, MRCP PACES MOCK Exam, Department of Medicine, Hospital Tuanku Ja'afar Seremban
	Co-Organiser, Seremban National Haematology Update, Hospital Tuanku Ja'afar Seremban – Hospital Ampang
	Honorary Lecturer, Undergraduate Medical Degree Program, Clinical Phase, Perdana University- Royal College of Surgeon Ireland (PU-RCSI)
	Tutor, Post Basic Emergency Course for Assistant Medical Officer- Arrhythmias, Endocrine Emergency, Negeri Sembilan

Tutor, State Medical Assistant – Electrocardiography Course, Negeri Sembilan

Tutor, House Officer Teaching Module - Dengue Management

2017 Organising Committee, Membership of Royal College of Physicians, MRCP (UK) PACES Examination Oversea Centre (Seremban, Negeri Sembilan, Malaysia)

Organising Committee, IMU-Hospital Tuanku Ja'afar Seremban MRCP PACES Preparatory Course and Mock Exam

Honorary Lecturer, Undergraduate Medical Degree Program, Clinical Phase, Perdana University- Royal College of Surgeon Ireland (PU-RCSI)

2018-now Adjunct Lecturer, Institut Jantung Negara (IJN) College

INVITED PRESENTATIONS/ TALK

2016 Invited Faculty, Seremban National Haematology Update 2016
- Clinical Case Presentation

2018 Public Health Awareness, SJK Serdang Baru, Malaysia
- Taking Diabetes To Heart

Public Forum and Health Awareness, National Heart Institute
- Cardiovascular Disease

Public Health Awareness, Kementerian Komunikasi dan Multimedia Malaysia, Putrajaya
- Health is Wealth

ECHO Club, National Heart Association Malaysia (NHAM) Congress 2018
- Case Presentation: Echocardiography features in acute pulmonary embolism

2019 Invited Faculty of The Year, TCTAP 2019, Korea
- Complex Complication Case Presentation

Transcatheter Cardiovascular Therapeutic (TCT) 2019, United State
- Challenging Case Presentation: Perfectionism, a Double-edged Sword

MyLIVE 2019, Malaysia
- Best of Malaysia: Phantasmagoria of Angioplasty, The Horror and The Beauty

AICT-AsiaPCR 2019, Singapore
- Complication Case Presentation: You Cannot Blame Wire For Causing the Problem
- Complex PCI Presentation: Buddies Come Together

HKSTENT-CICF Forum 2019, Hong Kong
- Case Presentation: Bad Luck Comes in Threes
- Case Presentation: IVUS Guided PCI Helped When Calcified Plaque Burden Was Underestimated

IJN-IMU Symposium Workshop, International Medical University (IMU)

- Lecture: Acute and Chronic Heart Failure

Public Health Talk, Tsun Jin High School, Malaysia

- Atrial Fibrillation

Prevention Health Talk on Police Day, National Heart Institute Malaysia

- Heart Disease Prevention

Public Forum and Health Awareness, SJK Yoke Nam, Malaysia

- Health is Wealth

2020

Invited Faculty of The Year, TCTAP & AP VALVES 2020, Korea

- Case Presentation: Keep it simple strategy: Left Main Intervention of Patient With Pancreatic Ampullary Carcinoma

The Complex Mind: Hong Kong and Malaysia Case Sharing Forum

- Case Presentation: Expect the unexpected

2021

Invited Faculty of The Year, TCTAP 2021, Korea

- Case Presentation: Drug coated balloon of native ostial left anterior descending artery

Complex PCI 2021, Korea

- Case Presentation: Glide through the narrow path

HKSTENT-CICF Forum 2021, Hong Kong

- Case Presentation: Delayed complication after femoral artery closure

Transcatheter Cardiovascular Therapeutic (TCT CONNECT) 2021, United State

- Case Presentation: Acute Myocardial Infarction Following Motor Vehicle Accident

Poster presentation, ESC Asia with APSC and AFC 2021, Singapore

- Single Centre Experience of Transcatheter Aortic Valve Implantation in Severe Aortic Stenosis: Study of Mid-term Clinical Outcome

Poster presentation, ACC.21, United State

- Misfortune Upon misfortune: Intramyocardial dissecting hematoma with pulmonary embolism

Commentator, 6th ACT Program Virtual, Korea

- Bifurcation and OCT

IVUS Connect with IJN 2.0, National Heart Institute

- IVUS Simulation and Case Presentation

Cardiovascular Intervention Series III: The Optimal Management of ACS in Acute Setting, Malaysia

- Case Presentation and Discussion

MyLIVE 2021, Satellite Symposium, Malaysia

- Case Presentation and Discussion

Public Health Talk, FB Live, IJN, Malaysia

- COVID-19 vaccine and Heart Patients: Is it Safe (Mandarin)

Public Health Talk, FB Live, IJN, Malaysia

- COVID-19 vaccine and Heart Patients: Is it Safe (English)

Public Health Talk, FB Live, IJN, Malaysia

- Syncope

2022

Queen Mary Hospital – Hong Kong University OCT COE COURSE 2022 (Virtual), Hong Kong

- Invited Faculty and panellist

Invited Faculty of The Year, TCTAP 2022, Korea

- Case Presentation: A little hiccup, do not get chocked

HKSTENT-CICF Forum 2022, Hong Kong

- Case Presentation: Steady or slipped

NHAM 2022, Malaysia

- Abstract Presenter: Single center experience of transcatheter aortic valve implantation in severe aortic stenosis (2009-2021)

MyLIVE – SCAI ASEAN Joint Symposium 2022, Malaysia

- Case Presentation – Now you see it

2023

Penang Complications in Cardiovascular Interventions

- Faculty and Case Presenter

Invited Panelist and Faculty of the Year, 28th TCTAP 2023, Korea

- Moderated Complex Case Competition
- Moderated Abstract Competition 2 (Imaging and Physiology)

EuroPCR 2023, France

- Case Presentation: When God closes a door, he opens a window
- Case Presentation: Now you see it

PUBLICATIONS

1. Clinical Practice Guidelines of Stable Coronary Artery Disease 2018
2. **Yee Sin Tey**, Balachandran Kandasamy, Shaiful Azmi Yahaya, Jia Him Lau. Bad Luck Comes in Three. J Am Coll Cardiol. 2019 Apr, 73 (15_Supplement) S260-S261
3. Aslannif R, Suraya K, Koh HB, **Tey YS**, Tan KL, Tham CH, Saad J, Nazrul N, Tantawi A, Malini K, Nabeelah M, Najmi AR, Tan AM, Amin AR. Diastolic dysfunction grading, echocardiographic and electrocardiogram findings in 50 patients with apical hypertrophic cardiomyopathy. Med J Malaysia. 2019 Dec;74(6):521-526. PMID: 31929479.
4. **Tey Yee Sin**, Nuruddin Amin Arif, Palaniappan Ganapathi, Thum Chan Ho, Stanislaus Rohith, Ng Min Yeong, The Khai Chih, Kamsani Suraya Hani, Mohamed Nazeeb Mohamed Nazrul, Kolanthaivelu Jayakhanthan, Zainal Zulaikha, Jalaluddin Mohd Saad. Hybrid PCI strategy with paclitaxel DEB in combination with DES. A single-centre experience.. Eurointervention Supplement Volume 16 June 2020
5. Nuruddin Amin, **Tey Yee Sin**, Palaniappan Ganapathi, M Sundran Rhuban, Stanislaus Rohith, Mohamed Nazeeb Mohamed Nazrul, Teoh Chee Kiang, Sabian Intan Safarinaz, Ramli Mohd Faizal, Mohamed Yusof Ahmad Khairuddin. Treatment of extremely small de novo vessel coronary artery disease with DEB – a single-centre experience. Eurointervention Supplement Volume 16 June 2020
6. Khin Maung Zan Mohd, **Tey Yee Sin**, Mohamed Nazeeb Mohamed Nazrul, Roslan Aslannif, Nuruddin Amin Arif. Treatment of only denovo coronary artery lesions with paclitaxel DCB in diabetic and non-diabetic patients – a single-centre experience. Eurointervention Supplement Volume 16 June 2020
7. Stanislaus Rohith, M Sundram Rhuban, Mohamed Nazeeb Mohamed Nazrul, **Tey Yee Sin**, Thum Chan Ho, Palaniappan Ganapathi, Hani Kamsani Suraya, Zainal Zulaikha, Azmi Yahaya Shaiful, Nurruddin Amin Aris. Safety and efficacy of paclitaxel DEB use in CTO – a single centre experience. Eurointervention Supplement Volume 16 June 2020
8. Palaniappan Ganapathi, M Sundran Rhuban, **Yee Sin Tey**, Ashari Afif, Kolanthaivelu Jayakhanthan, Roslan Aslannif, Thum Chan Ho, Sundarajoo Mugilan, Ahmad Nor Faiqah, Ariff Nuruddin Amin. A single-centre experience of paclitaxel DEB only interventional strategy in de novo ostial lesions of large coronary vessels. Eurointervention Supplement Volume 16 June 2020
9. R Stanislaus, R. Sundran, M Nazrul, **YS Tey**, G Palaniappan, A.A. Shaparudin, M Sundarajoo, TW Yong, WJ Quah, K Kaniappan, AA Nurrudin, Z Zainal. Chronic total occlusions treated with paclitaxel drug eluting balloons – a single center experience. International Journal of Cardiology, Vol 345, Supplement, p46-47, December 01, 2021.
10. D Yong, **YS Tey**, CH Thum, M Sundarajoo, K Kaniappan, WJ Quah, AA Shaparudin, G Palaniappan, A Ariff Nuruddin. De novo proximal left anterior descending lesions treated with drug eluting balloon – a single centre registry. International Journal of Cardiology, Vol 345, Supplement. 46, December 01, 2021
11. **Yee Sin Tey**, Azhari Rosman. Drug Coated Balloon of Native Ostial Left Anterior Descending Artery. J Am Coll Cardiol, 2021 Apr, Vol 77, Issue No 14_Supplement, ppS173-S174
12. **Yee Sin Tey**, Mohd Saad Jalaluddin, Aizai Azan Abdul Rahim. Misfortune Upon Misfortune: Intramyocardial Dissecting Hematoma With Pulmonary Embolism. J Am Coll Cardiol. 2021 May, 77 (18_Supplement_1) 2336
13. Roslan A, Aris FA, **Sin TY**, Ashari A, Shaparudin AA, Shah WFWR, Jhung LT, Beng KH, Aktifanus ATJ, Nuruddin AA. Comprehensive echocardiographic and speckle tracking strain analysis in rheumatic mitral stenosis patients before and after transvenous mitral commissurotomy. Int J Cardiovasc Imaging. 2022 Jan 3. doi: 10.1007/s10554-021-02518-3. Epub ahead of print. PMID: 34978670.
14. **YS Tey**, FA Aris, MS Jalaluddin, WF Wan Rahimi Shah, A Ashari, J Kolanthal Velu, KG Ganesan, JJ Dillon, S Kadiman, MA Sulong, SA Yahaya. Single Center Experience of Transcatheter Aortic Valve Implantation In Severe Aortic Stenosis: Study of Mid-term Clinical Outcome. European Heart Journal, Volume 43, Issue Supplement_1, February 2022, ehab849.105, <https://doi.org/10.1093/eurheartj/ehab849.105>

15. Raja Shariff RE, Beng KH, Ting Yuen B, **Yee Sin T**, Mohd Ghazi A. An Unexpected Mass in a Patient With a Left Ventricular Assist Device. *Cardiovasc Imaging Asia*. 2022 Oct;6(4):110-113.
<https://doi.org/10.22468/cvia.2022.00136>
16. Aslannif Roslan, Faten Aqilah Aris, **Yee Sin Tey**, Afif Ashari, Hui Beng Koh, Abdul Ariff, Tjen Jhung Lee, Wan Faizal Wan Rahimi, Amin Ariff Nuruddin. Severe rheumatic mitral stenosis is associated with subclinical left and right ventricle dysfunction. *Journal of the American College of Cardiology* 79(9):1263
17. **Y S Tey**, F A Aris, M S Jalaluddin, W F Wan Rahimi Shah, A Ashari, J Kolanthai Velu, K G Ganesan, J J Dillon, S Kadiman, M A Sulong, S A Yahaya, Single center experience of transcatheter aortic valve implantation in severe aortic stenosis: study of mid-term clinical outcome, *European Heart Journal*, Volume 43, Issue Supplement_1, February 2022, ehab849.105
18. Aslannif Roslan, Faten Aqilah Aris, **Yee Sin Tey**, Afif Ashari, Hui Beng Koh, Abdul Ariff, Tjen Jhung Lee, Wan Faizal Wan Rahimi, Amin Ariff Nuruddin. Severe rheumatic mitral stenosis is associated with subclinical left and right ventricle dysfunction. *Journal of the American College of Cardiology* 79(9):1263
19. **Yee Sin Tey**, Khin Maung Zan Mohd Saad Jalaluddin, Wan Faizal Bin Wan Rahimi Shah and Shaiful Azmi Yahay. A little hiccup, do not get choked. *J Am Coll Cardiol*. 2022 Apr, 79 (15_Supplement) S237–S239
20. Khin Maung Zan Mohd Saad Jalaluddin, **Yee Sin Tey**, Kumara Gurupparan Ganesan. Stent size matters. *J Am Coll Cardiol*. 2022 Apr, 79 (15):S153-S155.
21. Wan Faizal Bin Wan Rahimi Shah, Mohamed Nazrul Mohamed Nazeeb, Afif Ashari, Faten Aqilah Aris, **Yee Sin Tey**, Wei Liang Lee, Amin Ariff Nuruddin. Best of both worlds – debulking with DK Crush in complex bifurcation. *Journal of the American College of Cardiology* 79(15):S117-S119
22. Raja Ezman Raja Shariff, Koh Hui Beng, Beh Ting Yuen, **Tey Yee Sin**, Azmee Mohd Ghazi. Notching into a diagnosis – Incorporating doppler interrogation into point-of-care ultrasonography to diagnose a submassive pulmonary embolism. *CASE (Phila)*. 2022 Aug 15;6(6):250-253
23. Ganapathi Palaniappan, Rhuban M Sundran, Afif Ashari, Mohd Saad Kalaluddin, Afrah Yousif Haroon, Rohith Stanislaus, **Yee Sin Tey**, Ahmad Farhan Abdul Hamid, Tjen Jhung Lee, Shaiful Azmi Yahaya, Balachandran Kandasamy and Zulaikha Zainal. Cross-sectional study of percutaneous intervention in the elderly in Malaysia: PIELD Study. *Journal of Asian Pacific Society of Cardiology*. 12 Sept 2022;1: e20
24. H B Koh, W J Quah, R E F Raja Shariff, T Y Beh, S H Ong, **Y S Tey**, M A Sulong, I S Sabian, J Y L Teo, H Md Shahrom, A A Shaparudin, M Y Low, A A Abdul Rahim, C K Teoh, A Mohd Ghazi, Predictors of in-hospital mortality due to heart failure hospitalisation and trends of guideline-directed medical therapy usage, *European Heart Journal*, Volume 43, Issue Supplement_2, October 2022, ehac544.1074
25. Roslan A, **Tey YS**, Ares F, Ashari A, Shaparudin A, Wan Rahimi WF, Koh HB, Lee TJ, Ahmad Tantawi JA, Kolanthaivelu J, Gurupparan K, Yahaya SA. Left ventricle geometry, atrial strain, ventricle strain, and hemodynamics across aortic valve before and after transcatheter aortic valve replacements. *Med J Malaysia*. 2022 Nov;77(6):736-743
26. **Y.S. Tey**, A. Roslan, M.N. Mohamed Nazeeb, M. Sundarajoo, T.W. Yong, W.J. Lim, T.J. Lee, G. Palaniappan, K.C. Teh, M.A. Sulong, J. Kolanthai Velu, K.G. Ganesan, S.A. Yahaya. Single center experience of transcatheter aortic valve implantation in severe aortic stenosis (2009-2021). *International Journal of Cardiology*. Volume 369, supplement 9, December 01, 2022
27. Wei Juan Lim, H. Suraya, **Y.S.Tey**, H. Azlan. Primary percutaneous coronary intervention in new onset left bundle branch block in post bypass patient. *International Journal of Cardiology*. Volume 369, supplement 32, December 01, 2022