

Dr. Suraya Hani Kamsani

MBBS/BMedSc (Melb), MRCP(UK), PhD
CCDS, CEPS-A, FNHAM, FAsCC



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MMC Full Registration Number: 52773
NSR Number: 137588

Education

PhD (Medicine)

University of Adelaide, Australia
2026
*Dean's Commendation for Doctoral Thesis
Excellence*

Membership of the Royal Colleges of Physicians of the United Kingdom

2014

Bachelor of Medicine / Bachelor of Surgery (MBBS) / Bachelor of Medical Science

University of Melbourne
2004 – 2009
High Distinction and Dean's Honours List 2006

International Baccalaureate

MARA College, Banting, Malaysia
2001 – 2003

Certifications

Basic Echocardiography Certification Course

National Heart Association of Malaysia
2017

Certified Cardiac Device Specialist (Physician)

International Board of Heart Rhythm Examiners
2018

Physician Certified Electrophysiology Specialist (Adult)

International Board of Heart Rhythm Examiners
2020

National Specialist Registration (Cardiology)

2020

Work Experience

Consultant Cardiologist/ Electrophysiologist

National Heart Institute, Kuala Lumpur, Malaysia
Dec 2024 – Present

Electrophysiology Clinical/Research Fellow

Royal Adelaide Hospital
April 2022 – March 2024

Cardiologist/ Electrophysiology Clinical Fellow

National Heart Institute, Kuala Lumpur, Malaysia
2020 – Nov 2024

Cardiology Clinical Fellow

National Heart Institute, Kuala Lumpur, Malaysia
2016 – 2020

Internal Medicine Clinical Specialist

Hospital Enche' Besar Hajjah Khalsom, Kluang, Malaysia
Hospital Sultanah Aminah, Johor Bahru, Malaysia
2014 – 2016

Medical Officer

Hospital Sultanah Aminah, Johor Bahru, Malaysia
2012 – 2014

House Officer

Hospital Pakar Sultanah Fatimah, Johor, Malaysia
2010 – 2012

Awards

Fellowship of the National Heart Association of Malaysia
(FNHAM)
2023
Fellowship of the ASEAN Federation of Cardiology (FAsCC)
2025

Professional Organizations

- Member, National Heart Association of Malaysia
- Member, Malaysian Heart Rhythm Society
- Member, Asia Pacific Heart Rhythm Society
- Member, Heart Rhythm Society
- Member, European Society of Cardiology

Publications (Selected)

- Kamsani, S, Middeldorp, M, Evans, S. et al. Accuracy of Implantable Loop Recorders: Multicenter, Multidevice Comparison. J Am Coll Cardiol EP. epub Feb 2026.
- Kamsani SH, Emami M, Young GD, Dimasi C, Pathak RK, Wilshire B, Stiles MK, Kistler PM, Kalman JM, Sanders P. First-in-human experience of high- energy ElectroPulse pulsed field ablation: Acute results for pulmonary veins and posterior wall isolation. Heart Rhythm. 2025 Aug;22(8):e309-e317. doi: 10.1016/j.hrthm.2024.10.070. Epub 2024 Nov 7. PMID: 39515499.
- Abbas M, Emami M, Kamsani SH, et al. Pulsed-field ablation for atrial fibrillation in patients with cardiac implantable electronic devices. Heart Rhythm. 2025 Sep;22(9):e594-e604. doi: 10.1016/j.hrthm.2025.04.045. Epub 2025 Apr 27. PMID: 40300741.
- Kamsani SH, Middeldorp ME, et al. Safety of Outpatient Commencement of Sotalol. Heart Rhythm O2. 2024 May 17; 5(6): 341-350.
- Middeldorp ME, Kamsani SH, Sanders P. Obesity and atrial fibrillation: Prevalence, pathogenesis, and prognosis. Prog Cardiovasc Dis. 2023 May-Jun;78:34-42.
- Middeldorp ME, Ariyaratnam JP, Kamsani SH, Albert CM, Sanders P. Hypertension and Atrial Fibrillation. Journal of Hypertension. 2022 Dec 1; 40(12): 2337-2352.
- Prashanthan Sanders, Suraya H. Kamsani, Melissa E. Middeldorp. Primum Non Nocere: Serial Screening for AF, Who, How, and Why? JACC: Clinical Electrophysiology. 2022. Volume 8, Issue 12, Pages 1535-1538
- Lan, B. L., Liew, Y. W., Toda, M., & Kamsani, S. H. Flickering of cardiac state before the onset and termination of atrial fibrillation. Chaos: An Interdisciplinary Journal of Nonlinear Science. 2020; 30(5), 053137

Abstract Presentations (Selected)

46th Heart Rhythm Scientific Sessions, San Diego 2025.

- Impact Of 3D Mapping On Pulsed Field Ablation For Atrial Fibrillation: A Single-Center Perspective.
- Atrial Fibrillation Detection Post-Cryptogenic Stroke Using A Photoplethysmography-Based Smartphone App.

17th Asia Pacific Heart Rhythm Society Scientific Session, Sydney 2024.

- Single Centre Real-World Short-Term Outcome of Pulsed Field Ablation for Atrial Fibrillation
- Early Single Centre Experience in Pulsed Field Ablation for Atrial Fibrillation
- Pre-Procedural Cardiac Magnetic Resonance Imaging for Detection of Slow Conduction Corridors for Ventricular Tachycardia Ablation

45th Heart Rhythm Scientific Sessions, Boston 2024.

- False-positive ILR transmission burden: A multi-centre comparison between devices and algorithms
- Histological assessment of chronic lesion formation in pulmonary veins with pulsed field ablation using circular catheter at different field strengths: A preclinical study

16th Asia Pacific Heart Rhythm Society Scientific Session, Hong Kong 2023.

- The utility of Peak Density Mapping (PDX) in combination with Open Window Mapping (OWM) Techniques in Difficult or Recurrent Right Lateral Accessory Pathway Ablation
- Slow Pathway Modification in Symptomatic Atrioventricular Nodal Reentrant Tachycardia with Pre- Existing First Degree Atrioventricular Block : Mapping Strategies To Avoid Complete Atrioventricular Block During Ablation

References

- Datuk Dr. Azlan Hussin

Head of Electrophysiology Unit & Senior Consultant Cardiologist, National Heart Institute Malaysia

- Dato Dr. Amin Ariff Bin Nuruddin

Senior Consultant Cardiologist, National Heart Institute Malaysia