



Dr Karthigesan A M

M.B.,B.S., MD., DNB [Gen]. DNB [Card], FHRS Fellowship in Electrophysiology, Certified Electrophysiology Specialist [IBHRE, USA] Certified Cardiac Device Specialist [IBHRE, USA] 20+ Years Experience


Dr Karthigesan A M is a top Cardiac Pacing & Electrophysiology in Chennai at Apollo Hospitals Greams Road Chennai . Book appointment online with Dr Karthigesan A M at Ask Apollo.


Hospitals

Apollo Hospitals, Greams Road, Chennai ,

Doctor's Working
Weekdays
Mon-Sat

Doctor's Working
Hours
10:00-18:30


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Overview

Dr. Karthigesan A M is a highly experienced Cardiologist and Electrophysiologist based in Chennai, Tamil Nadu. With over 17 years of experience in the field, he brings a wealth of knowledge and expertise to his patients. Dr. Karthigesan has earned an impressive array of qualifications, including MBBS, MD, DNB (General Medicine), and DNB (Cardiology). He is further distinguished by his status as a Fellow of the Heart Rhythm Society (FHRS) in the USA and holds certifications as a Cardiac Device Specialist and Cardiac Electrophysiology Specialist from the USA.

Fluent in multiple languages, including English, Hindi, Tamil, Telugu, and Kannada, Dr. Karthigesan is able to communicate effectively with a diverse range of patients, ensuring that they fully understand their conditions and treatment options. His clinical practice focuses on diagnosing and treating complex heart conditions, utilizing cutting-edge techniques and technologies to improve patient outcomes.

As a proud member of the Apollo hospital network, Dr. Karthigesan is deeply committed to providing exceptional healthcare and staying at the forefront of advancements in cardiology and electrophysiology. His dedication to patient care is complemented by his ongoing research and participation in professional

societies, which enhances his ability to deliver the highest standard of medical attention. Dr. Karthigesan A M is not just a cardiologist, but a compassionate healthcare provider dedicated to improving the lives of his patients.

Experience

- Arrhythmia [Variations in Heartbeat/Pulse Rate] Evaluation
- Electrophysiology study [EP Study] for Cardiac Arrhythmias
- Radio Frequency Catheter Ablation [RF Ablation] Procedures for PSVT'S and other complex arrhythmias
- Advanced 3D Mapping [CARTO 3] & Smart touch Catheter for Complex Atrial And Ventricular Arrhythmia RF Ablation
- Radiofrequency Catheter Ablation for Atrial Fibrillation and Post Myocardial Infarction Ventricular Tachycardia's
- Sudden Cardiac Arrest Prevention and Management
- Syncope [loss of consciousness] Evaluation and Management
- Permanent Pacemaker Implantation
- AICD [Automatic Implantable Cardioverter Defibrillator] Implantation and Follow-up
- Biventricular Pacemaker [CRT] Implantation For Refractory Heart Failure
- Insertable & Injectable Loop Recorder Implantation for Unexplained Syncope
- Pacemaker and Device Follow-Up and Trouble Shooting
- Pacemaker and Device Explanation and Revision
- Pacemaker Lead Extraction
- Pediatric Pacemaker and Device Implantations
- Pacemaker & Device Infection Management
- Leadless Pacemaker Insertion

INTERNATIONAL WORKING EXPERIENCES

- Electrophysiology Observerships at Mayo clinic, Rochester, USA, Massachusetts General Hospital, Boston, USA and Brigham Women's and Children Hospital, Boston, USA.
- Fellowship in Complex Arrhythmia Ablation from Shanghai Chest Hospital, Shanghai, China
- Certified in CRT and ICD Implantations from University Hospital, Bangkok
- Certified in Leadless Pacemaker Insertion from Medtronic Hongkong.

Membership

- Member of Heart Rhythm Society, USA
- Member of Indian Heart Rhythm Society [IHRS]
- Member of Cardiology Society of India
- Member of Asia Pacific Heart Rhythm Society (APHRS)
- Member of European Society of Cardiology (ESC)

Awards

- FHRS - Fellow of the Heart Rhythm Society Awarded by Heart Rhythm Society, USA in Recognition of Advanced Training And Qualifications in the field of Cardiac Arrhythmia
- Clinical Excellence Award – Apollo Hospitals (2017)
- Clinical Excellence Award – Apollo Hospitals (Sep 2023)

Research and Publication

- MORE CRT-P MPP Trial - Co Investigator (More Response on Cardiac Resynchronization Therapy with Multipoint Pacing)
- Monitoring in Haemodialysis [MID] Trial - Co Investigator
- ASSURE MRI Trial - Co Investigator
- MANDATE AF - Principle Investigator
- A Real – World, Prospective, Observational Study to evaluate the safety and Effectiveness of Rivaroxaban [Xarelto] for Prevention of Stroke and Systemic Embolism in Indian Patients with non – Valvular Atrial Fibrillation [NVAf] - Principle investigator
- Medtronic CRYO Global Registry - Principle Investigator
- Remote Monitoring Evaluation with Cardiac Implantable
- Devices in India- Principle Investigator
- Murugesan Karthigesan, Shenthur Jayaprakash, Radiofrequency Catheter Ablation of Atrioventricular Nodal Reentry Tachycardia In A Patient With Inferior Vena Cava Anomaly. Indian Pacing Electrophysiology.
- Murugesan Karthigesan, Shenthur Jayaprakash Electrocardiographic and electrophysiologic characteristics of Mahaim Tachycardia. 61st Annual Conference of Cardiological Society of India. Kochi Dec 2009
- Karthigesan A M: Complex atrial arrhythmia ablation- initial experience with carto 3 system. 63rd Annual Conference of Cardiological Society of India. Mumbai Dec 2011

- Karthigesan A M: Radiofrequency Catheter Ablation of Left Atrial Flutter in a Patient with Mechanical Mitral Valve Prosthesis –66th Annual Conference of Cardiological Society of India. Hyderabad Dec 2014
- Karthigesan A M: Idiopathic Frequent Premature ventricular contractions [PVC's] and Non - sustained Ventricular tachycardia causing Tachycardiomyopathy - 66th Annual Conference of Cardiological Society of India. Hyderabad Dec 2014

Frequently Asked Questions

1. Where does Dr. Karthigesan A M practice?

Dr. Karthigesan A M practices at Apollo Hospitals, Greaves Road, Chennai. He is a Senior Consultant Cardiologist and Certified Electrophysiology Specialist, renowned for his expertise in cardiac electrophysiology and device therapy.

2. Who is Dr. Karthigesan A M?

Dr Karthigesan AM is a highly experienced Cardiologist & Electrophysiologist with 20 years of expertise in the field of heart rhythm management. He is the Clinical Lead, Department of Cardiac Pacing and Electrophysiology. He is known for providing exceptional patient care and advanced medical and interventional treatments for heart rhythm disorders ie. Cardiac arrhythmias. His areas of expertise include pacemaker & Heart failure device implantation (CRT/ICD), EP study, RF & CRYO catheter ablation for arrhythmias and clinical evaluation of syncope, palpitation and missed heart beats etc.

3. Why do patients choose Dr. Karthigesan A M?

Patients trust Dr. Karthigesan A M for his expertise, patient-centric approach, and commitment to providing the highest standard of care. He is well-versed in the latest medical advancements and ensures personalized treatment for every patient.

4. What is Dr. Karthigesan A M's specialization?

Dr. Karthigesan A M specializes in Cardiac Pacing and Electrophysiology with expertise in clinical evaluation and performing interventional procedures for heart rhythm disorders. He is an expert in cardiac device (pacemaker) implantation including advanced conduction system pacing, leadless pacemaker, pediatric pacemaker, biventricular pacemaker (CRT), and AICD implantation. He also

specializes in pacemaker infection management including laser-assisted lead extraction, device upgradation, and revisions. His specialization includes RF and Cryo catheter ablation for PSVT, complex 3D mapping (Carto)-guided ablation for atrial flutter, fibrillation, and ventricular tachycardias. He is one of the pioneers in Cryo balloon atrial fibrillation ablation in India. He runs focused arrhythmia clinics for palpitations, pacemaker and device follow-up clinics, syncope clinics, and atrial fibrillation & heart failure clinics for patients with heart rhythm disorders.

5. What are Dr. Karthigesan A M's medical qualifications?

Dr. Karthigesan A M holds prestigious qualifications, including M.B., B.S., MD., DNB [Gen]. DNB [Card], FHRS Fellowship in Electrophysiology, Certified Electrophysiology Specialist [IBHRE, USA] Certified Cardiac Device Specialist [IBHRE, USA].

6. How many years of experience does Dr. Karthigesan A M have?

Dr. Karthigesan A M has 17 years of experience in the medical field, treating various conditions related to Cardiac Pacing & Electrophysiology.

7. How can I book an appointment with Dr. Karthigesan A M?

You can book an appointment with Dr. Karthigesan A M through: Online: Visit <https://www.apollohospitals.com/book-doctor-appointment/> to schedule an appointment.