



## DR. DARSHAN KRISHNAPPA

Consultant - Cardiac Electrophysiologist

### Qualification

MBBS | MD (AIIMS) | DM(PGIMER) | Fellowship in Cardiac Electrophysiology (University of Minnesota, USA)

### Overview

Dr. Darshan Krishnappa is an esteemed Cardiac Electrophysiologist with a wide experience and information in his subject. He is currently serving as a consultant of Cardiac Electrophysiology at the Manipal Hospitals, Old Airport Road, Bangalore, wherein he's known for his great technical understanding and capabilities, as well as his compassionate care toward his patients. With an MBBS, MD from AIIMS, DM from PGIMER, and Fellowship in Cardiac Electrophysiology from the University Of Minnesota, USA, the medical doctor has successfully and correctly treated several intense instances in his celebrated career and is regarded as one of the best anaesthesiologists in Bangalore. Dr. Krishnappa's area of expertise includes Heart Rhythm device therapy including Defibrillators and resynchronisation therapy and lead extraction, Sudden cardiac arrest - prevention and management, and Complex arrhythmia management including atrial fibrillation and ventricular arrhythmias. The doctor's successful career is similarly glaring using his memberships in several respected scientific bodies in India. Dr. Krishnappa is a member of esteemed organisations including the Indian Heart Rhythm Society, the Heart Rhythm Society, the American College of Cardiology, and the European Heart Rhythm Association. Apart from his technical abilities, Dr. Darshan Krishnappa is likewise acknowledged for his compassionate care towards his patients. He has constantly pledged to provide his patients with satisfactory viable treatment as a passionate doctor. He adopts a patient-centric philosophy and spends time studying every affected person's specific clinical heritage, problems, and objectives. Dr. Krishnappa is respected for his capacity to care for and understand his patients. He ensures that his patients are at ease, secure, and educated throughout their treatment journey. Dr. Krishnappa is a foremost cardiologist in Old Airport Road. Some of the research publications that Dr. Krishnappa has contributed to are as follows: 'Life's simple 7 cardiovascular health score and premature atrial contractions: The Atherosclerosis Risk in Communities (ARIC) Study'; 'Hyperlocal Postcode Based Crowdsourced Surveillance Systems in the COVID-19 Pandemic Response' (Front Public Health); 'Atrial Fibrillation in the Elderly: The Role of Sub-Clinical Isolated Cardiac Amyloidosis'; 'Association of Longitudinal Changes in Cardiac Biomarkers with Atrial and Ventricular Arrhythmias'; 'Incidence and predictors of super-response to cardiac resynchronization therapy'; 'Role of N-terminal pro-B-type natriuretic peptide in the prediction of outcomes in ST-elevation myocardial infarction complicated by cardiogenic shock' (Indian Heart Journal); 'Mast Cell Activation Disorder and Postural Orthostatic Tachycardia Syndrome: A Clinical Association', and 'Clinical Characteristics and Outcome in Patients with a Delayed Presentation after STEMI and Complicated by Cardiogenic Shock'. In addition to his technical skills and compassionate care, Dr. Darshan Krishnappa is likewise fluent in more than one language, including English, Hindi, Telugu, and Kannada. This linguistic capability enables him to communicate with a diverse patient populace from distinctive backgrounds and cultures efficiently. Being in a position to speak the language that patients are fluent in allows for building a great connection between the doctor and the patient, which in the end boosts the chances of better outcomes and patient satisfaction.

## Fellowship & Membership

- Heart Rhythm Society
- American College of Cardiology
- European Heart Rhythm Association
- Indian Heart Rhythm Society

## Field of Expertise

- Heart Rhythm device therapy including Defibrillators and resynchronisation therapy and lead extraction
- Sudden cardiac arrest - prevention and management
- Complex arrhythmia management including atrial fibrillation and ventricular arrhythmias
- Arrhythmias in patients with congenital heart disease
- Inflammatory cardiomyopathy (sarcoidosis) and amyloidosis
- Syncope
- Heart failure

## Languages Spoken

- Kannada
- English
- Hindi
- Telugu

## Talks & Publications

- Krishnappa D, Wang W, Rooney MR, Norby FL, Oldenburg NC, Soliman EZ, Alonso A, O-Uchi J, Dudley SC Jr, Lutsey PL, Chen LY. Life's Simple 7 cardiovascular health score and premature atrial contractions: The atherosclerosis risk in communities (ARIC) study. *Int J Cardiol.* 2021 Jun 1;332:70-77. doi: 10.1016/j.ijcard.2021.02.083.
- Garg PK, Norby FL, Wang W, Krishnappa D, Soliman EZ, Lutsey PL, Selvin E, Ballantyne CM, Alonso A, Chen LY. Association of Longitudinal Changes in Cardiac Biomarkers With Atrial and Ventricular Arrhythmias (from the Atherosclerosis Risk in Communities [ARIC] Study). *Am J Cardiol.* 2021 Nov 1;158:45-52.
- Kohno R, Cannom DS, Olshansky B, Xi SC, Krishnappa D, Adkisson WO, Norby FL, Fedorowski A, Benditt DG. Mast Cell Activation Disorder and Postural Orthostatic Tachycardia Syndrome: A Clinical Association. *J Am Heart Assoc.* 2021 Sep 7;10(17):e021002
- Yash Paul Sharma, Kewal Kanabar, Krishna Santosh, Ganesh Kasinadhuni, Darshan Krishnappa. Role of N-terminal pro-B-type natriuretic peptide in the prediction of outcomes in ST-elevation myocardial infarction complicated by cardiogenic shock. *Indian Heart Journal.* Article in press
- Hegde A, Masthi R, Krishnappa D. Hyperlocal Postcode Based Crowdsourced Surveillance Systems in the COVID-19 Pandemic Response. *Front Public Health.* 2020 Jun 9;8:286
- Abhiram G Ashwathanarayana, Manphool Singhal, Swayamjeet Satapathy, Ashwani Sood, Bhagwant Rai Mittal, Rohit Manoj Kumar, Madan Parmar, Darshan Krishnappa, Nivedita Rana. 18 F-NaF PET uptake characteristics of coronary artery culprit lesions in a cohort of patients of acute coronary syndrome with ST-elevation myocardial infarction and chronic stable angina: A hybrid fluoride PET/CTCA study. *J Nucl Cardiol* 2020 Jul 27. Online Ahead of print.
- Kewal Kanabar, Dinakar Bootla, Navjyot Kaur, C.R.Pruthvi, Darshan Krishnappa, Krishna Santosh, Vivek Guleria, Manoj Kumar Rohit. Outcomes of transcatheter closure of patent ductus arteriosus with the off-label use of large occluders (16 mm). *Indian Heart Journal.* March-April 2020; 72(4): 107-112
- David G. Benditt, J. Gert van Dijk, Darshan Krishnappa, Wayne O. Adkisson and Scott Sakaguchi. Neurohormones in the Pathophysiology of Vasovagal Syncope in Adults. *Frontiers in Cardiovascular Medicine.* 2020 May.
- Darshan Krishnappa, Baris Akdemir, Teerapat Nantsupawat, Balaji Krishnan, Ilknur Can, Selcuk Adabag, Jian-Ming Li, Venkatakrishna N.Tholakanahalli. QTc dispersion as a novel marker in identifying patients requiring an epicardial approach for ablation of scar mediated ventricular tachycardia. *Indian Pacing and Electrophysiology*

- Journal. July-August 2020; 20(4): 141-146..
- Arianne Clare Agdamag, Darshan Krishnappa, David Benditt. ST-Segment Changes After Loss of Consciousness. *Circulation*. 2020 Jan 7;141(1):80-82.
  - Krishnappa D, Dykoski R, Can I, Mbai M, Anand IS, Florea V, Chandrashekar YS, Li JM, Tholakanahalli VN. Atrial Fibrillation in the Elderly: The Role of Sub-Clinical Isolated Cardiac Amyloidosis. *Scientific Reports (Nature)* 2019 Nov 12;9(1):16584. PMID:31719596
  - Manojkumar Rohit, Krishnappa D. Incidence and predictors of super-response to cardiac resynchronization therapy. *Indian Heart Journal*. 2019 Jul - Aug;71(4):334-337.
  - Yash Paul Sharma, Darshan Krishnappa, Kewal Kanabar, Naga Ganesh Kumar Kasinadhuni, Rakesh Sharma, Kamal Kishore, Saurabh Mehrotra, Krishna Santosh Vemuri, Ankur Gupta, Prashant Panda. Clinical Characteristics and Outcome in Patients with a Delayed Presentation after STEMI and Complicated by Cardiogenic Shock. *Indian Heart Journal*. 2019 Sept 1;71(5): 387-393.
  - Teerapat Nantsupawat, Darshan Krishnappa, David Benditt. Sinus Arrest: A Rare Observation During Radiofrequency Ablation Along the Coronary Sinus Roof. *Annals of Noninvasive Electrocardiography*. Article in press
  - Krishnappa D, Sharma SK, Singh AD, Sinha S, Ammini AC, Soneja M. Impact of tuberculosis on glycaemic status: A neglected association. *Indian J Med Res*. 2019 Mar;149(3):384-388. PMID:31249204
  - Krishnappa D, Scott Sakaguchi, Ganesh Kasinadhuni, Venkatakrishna N Tholakanahalli. An unyielding valve leading to venous spasm during pacemaker implantation: a case report. *Eur Heart J Case Rep*. Article in press.
  - Vijayvergiya R, Kanabar K, Krishnappa D, Kasinadhuni G, Sharma A, Akasaka T. Optical coherence tomography in varying aetiologies of renal artery stenosis: a case series. *Eur Heart J Case Rep*. 2019 Jun 1;3(2). PMID: 31449625
  - Krishnappa D, Naganur S, Palanisamy D, Kasinadhuni G. Cardiac mucormycosis: a case report. *Eur Heart J Case Rep*. 2019 Sep 1;3(3). PMID: 31436824
  - Kasinadhuni G, Vijayvergiya R, Krishnappa D, Kanabar K, Yegurla J and Bhalla. Herb Induced Aconite Poisoning and Bidirectional Ventricular Tachycardia. *Adv Clin Toxicol* 2019, 4(3): 000161.
  - Kasinadhuni G, Sethi J, Krishnappa D, Sharma YP. A rare cause of ascites in arenal transplant recipient. *BMJ Case Rep*. 2018 Sep 18;2018. PMID: 30232075
  - Girish B, Gainer S, Saha SC, Krishnappa D. Rare Presentation of Catastrophic Antiphospholipid Syndrome with Myocarditis in Post-partum Period: Case Report and Review of Literature. *J Obstet Gynaecol India*. 2018 Feb;68(1):70-72. PMID: 29391679
  - Rohit M, Krishnappa D, Selvaraj RJ. Wide to narrow complex tachycardia: What is the diagnosis? *J Cardiovasc Electrophysiol*. 2018 Mar;29(3):487-488. PMID: 29319207
  - Kumar A, Jain DC, Gupta D, Satyanarayana S, Kumar AM, Chadha SS, Wilson N, Nagaraja SB, Shah AN, Naik B, Yoele D, Syed IF, Achanta S, Sharma SK, Soneja M, Krishnappa D, Prakash BC, Ravish S, Ranganath TS, Chauhan MC, Dave PV, Narayanaswamy MV, Suryakanth M, Bhist A, Sinha UC, Dayal R, Tekumalla RR, Nair S, Kumari AK, Subramonianpillai J, Jali MV, Mahishale VK, Hiremath MB, Khanna A, Lohiya S, Chaudhry A, Shaw N, Varadarajan S, Kapur A, Zachariah R, Harries AD. Screening of patients with tuberculosis for diabetes mellitus in India. *Trop Med Int Health*. 2013 May;18(5):636-45. PMID: 23458555
  - Rajesh Vijayvergiya, Darshan Krishnappa, Ganesh Kasinadhuni, Prashant Panda, Sandeep S. Rana, Ashim Dass. Cardiac myxoma of mitral valve: An uncommon presentation. *Indian Heart Journal Cardiovascular Case Reports*. May 2018;2(2):77-78.
  - Rajesh Vijayvergiya, Darshan Krishnappa, Ankush Gupta, Sarbpreet Singh, Ashish Sharma. Primary stenting of occluded innominate vein in a case of dialysis fistula malfunction- a 3.5-years follow-up. *Indian Heart Journal Cardiovascular Case Reports*. May 2018;2(2):114-116.
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  - Rajesh Vijayvergiya, Darshan Krishnappa, Ganesh Kasinadhuni, Ankush Gupta, Prashant Panda, Kumar J. Ratheesh. Coronary dissection or a recanalized thrombus? Optical coherence tomography has the answer. *Indian Heart Journal Cardiovascular Case Reports*. January-April 2018; 2(2):6-8.
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