

SHODHAN AITHAL

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I am a practicing interventional cardiologist, interested in complex coronary and structural heart interventions with aptitude for medical research

EXPERIENCE

JUN 2025 – PRESENT

ASSISTANT PROFESSOR, Dept of Cardiology, Kasturba Medical College, Mangalore
(Manipal Academy of Higher Education)

APR 2022 – APR 2025

ACADEMIC SENIOR RESIDENT, Dept of Cardiology, VMMC and Safdarjung hospital, New Delhi

JAN 2022 – MAR 2022

CONSULTING PHYSICIAN, UCHC Ullal (NHM), Mangalore

FEB 2015 – FEB 2016

JOINT SECRETARY, Manipal University Student Research forum

EDUCATION

2022 - 2025

- **Doctorate of Medicine – DM, Interventional Cardiology**
Vardhman Mahavir medical college and Safdarjung hospital, New Delhi (GGSIU university)

2018 - 2021

- **Doctor of Medicine – MD, Internal medicine residency program**
SDM College of Medical Sciences & Hospital, Dharwad (RGUHS University)

2022

- **Diplomate of Medicine – DNB, Internal medicine**
National board of examination, New Delhi

2012 - 2018

- **Bachelor of Medicine, Bachelor of Surgery – MBBS**
Kasturba Medical College, Mangalore (Manipal Academy of Higher Education)

LICENCES & CERTIFICATIONS

Medical Registration

- Karnataka medical council - 122350 (Mar 2018)
- Delhi Medical council- 102334 (May 2022)

EXPERIENCE IN INTERVENTIONAL CARDIOLOGY

Procedures Performed-

- Coronary angiogram- 3000+ (2500-radial, 500-femoral)
- PTCA- 600+
- Complex coronary including CTO- 25
- Primary angioplasty- 150+
- Permanent pacemaker insertion- 200+
- Intracardiac defibrillator insertion- 10
- Cardiac resynchronization therapy- 2
- Balloon mitral valvotomy- 10
- ASD device closure- 20
- PDA device closure- 10
- Superior mesenteric artery intervention- 3
- Iliac artery intervention- 10
- Coarctation of aorta intervention- 3
- Subclavian artery intervention- 5
- Carotid intervention- 4
- Femoral artery intervention- 50+
- Abdominal aorta intervention- 1
- Rotational atherectomy- 5
- Intravascular lithotripsy- 2
- Intracoronary imaging- 100+
- Catheter directed thrombolysis- 25
- Cardiac catheterization study- 100+
- Diagnostic electrophysiology study- 25
- Renal artery intervention- 5
- Pacemaker lead extraction- 5
- Dobutamine stress echocardiography- 100+
- Transesophageal echocardiography- 100+
- Bubble contrast echocardiography- 50+

- **2D and 3D echocardiography- 10000+**

Procedures assisted-

- **Transcatheter aortic valve implantation- 25**
- **Endovascular aneurysm repair- 15**
- **Mitral valve edge to edge repair- 2**
- **Transcatheter pulmonary valve implantation- 1**
- **VSD device closure- 5**
- **Mitral paravalvular leak intervention- 1**
- **Balloon mitral valvotomy- 200**
- **ASD device closure- 50**
- **PDA device closure- 35**
- **Cardiac resynchronization therapy- 35**
- **Conduction system pacing- 30**
- **VT ablation- 15**
- **VPC ablation- 15**
- **Atrial fibrillation ablation- 5**
- **AVRT ablation- 50**
- **AVNRT ablation- 50**
- **Mahim fiber tachycardia ablation- 2**
- **Epicardial VT ablation- 2**
- **Complex coronary including CTO- 100**
- **PTCA- 2000+**

ACTIVITIES –

- **Worked as Sub-investigator in multinational clinical trials like ZEUS and HERMES**
- **Worked as treating cardiologist for Amarnath yatra 2024 in the holy cave for a period of one month in August 2024.**

COURSE-

- **Advanced Cardiac Life Support (ACLS), Basic biomedical research (BCBR), Heart failure course by HFSA & HFAI**

HONORS & AWARDS

- **Stood 2nd in DM Cardiology 2025 in GGSIP (GGS Indraprastha) University**

- **Best Outgoing Student in Medicine 2021 – SDM University**
- **Best In Medicine (highest marks in the university) MAR 2018 – Manipal Academy of Higher Education**
- **Best Research Paper SEP 2017 – European Students Conference**
- **First place in physiological pacing quiz conducted in Madras medical mission, Chennai- 2024**

TEST SCORES

- **NEET SS 2021
AIR 44**
- **AIIMS PG entrance
May 2018 – AIR 85**
- **MBBS
Distinction- 77%**
- **KCET 2012-
Rank- 158**

PAPER PRESENTATION IN CONFERENCE

- **European Student Conference, Berlin – 2017**
- **ILLUMINATI – AFMC – 2014**
- **MEDICON – Nagpur – 2015**
- **KAPICON – Manipal – 2020**
- **IGCLA – Indo-German Convention of Lindau Alumni – 2015**
- **ISGCON – Indian Society of Gastroenterology – 2020**
- **ICAS-ACT- Gurgaon – 2023 & 2024**
- **INDIA VALVES- Chennai- 2024**
- **Physiological pacing symposium- Chennai- 2024**
- **INDIA LIVE- Delhi – 2024**
- **SCAI congress- Mumbai- 2023**
- **CSICON- Lucknow- 2024**
- **APVIC- Delhi- 2024**

LANGUAGES

- English – Professional working proficiency
- Hindi – Professional working proficiently
- Kannada – Full professional proficiency
- Sanskrit – Elementary proficiency
- Tulu – Full professional proficiency
- Telugu- Elementary proficiency
- Tamil- Elementary proficiency

SKILLS

- PRIMARY ANGIOPLASTY
- COMPLEX CORONARY INTERVENTION
- PECTORAL DEVICE IMPLANTATION
- PEDIATRIC DEVICE CLOSURE
- CARDIAC INTENSIVE CARE
- STRUCTURAL HEART DISEASE
- ELECTROPHYSIOLOGY
- 2D AND 3D ECHOCARDIOGRAPHY
- STRESS ECHOCARDIOGRAPHY
- PEDIATRIC ECHOCARDIOGRAPHY
- DEVICE INFECTION MANAGEMENT
- CLINICAL TRIALS
- STRESS TEST
- INTRAVASCULAR IMAGING
- CORONARY CALCIUM MODIFICATION
- QUIZMAKER
- PREVENTIVE CARDIOLOGY
- MULTI-INSTRUMENTALIST
- CLINICAL RESEARCH
- ADVANCED CARDIAC LIFE SUPPORT (ACLS)

PUBLICATIONS

- *Persistent Left superior Vena cava: Unanticipated stumbling block in cardiac resynchronization therapy.*
August 2024- Cureus
- *Clinical and social profile of poisoning cases - retrospective study in Dharwad*
May 2021 - Journal of Evidence based medicine and research
- *Factors influencing adherence to anti-diabetes medications among type 2 diabetes patients attending tertiary care hospitals in Mangaluru*
Mar 2020 - Clinical Epidemiology and Global Health

- *Development of a Modified Disability Questionnaire for Evaluating Disability Caused by Backache in India and Other Developing Countries*
Dec 2018 - Asian spine journal
- *Predictors of anemia among a cohort of people living with HIV on anti-retroviral therapy in a southern state of India*
Jan 2018 - HIV and AIDS Review
- *Distress and Its Effect on Adherence to Antidiabetic Medications Among Type 2 Diabetes Patients in Coastal South India*
Jul 2017 - Journal of Natural Science Biology and Medicine
- *Predictors of mortality among a cohort of HIV/AIDS patients on anti-retroviral therapy in coastal South India*
Mar 2017 - HIV and AIDS Review

ORGANIZATION

Manipal University Student Research Forum – Joint Secretary (2015-2016)

I was an active part of council of student research forum in conducting monthly research related activity in Kasturba Medical College and in conduction MAHE research day.

PROJECT- THESIS

- Validation of psychometric hepatic encephalopathy score in detection of MHE in Cirrhosis.
- Scattered radiation exposure to primary operator with respect to radial, femoral and pectoral Cathlab procedures and its reduction offered by radiation protection drape