

Dr.C.Arumugam, M.D., D.M (Cardiology)

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**SUMMARY OF QUALIFICATIONS**

- MBBS (1992-1998) – Thanjavur Medical College, Thanjavur, Tamilnadu
- MD -General Medicine (1999-2002) – Madras Medical College, Chennai, Tamilnadu
- DM Cardiology (2004-07) – Madras Medical College, Chennai, Tamilnadu

RELEVANT EXPERIENCE & SKILLS

- Cardiac Catheterisation and Diagnostic Angiography
- Interventional procedures- coronary, peripheral, congenital and valvular interventions
- Pacing-temporary and permanent, single and dual chamber, Device closure- PDA and ASD
- Clinical Cardiology
- Intensive Coronary Care
- Exercise Stress Test (Treadmill) and holter study
- Echocardiography-TTE, TEE, Stress echo, tissue doppler

ACADEMIC ACTIVITIES

Taking part in symposiums, workshops, continuing medical education meetings, Journal clubs, Cardiological Society of India meetings and Conferences, National and International intervention meetings and workshops.

PERSONAL DETAILS

Name : C.Arumugam
Father's Name: M. Chandrakasu
Date of Birth : 15-05-1975
Nationality : Indian
Religion : Hindu
Marital Status : Married

SCHOLASTIC RECORD * QUALIFICATION * EXPERIENCE
(In Chronological Order)

<p><u>Nov 1992-May 1997:</u></p> <p>MBBS</p> <p>Thanjavur Medical College, Tamilnadu, India</p>	<p>The course comprises total of five and half years, including one year of internship (CRR) in the later part of the course. The subjects include both basic sciences and clinical medicine (Anatomy, Physiology, Biochemistry, Pathology, Microbiology, Otolaryngo-rhinology, Ophthalmology, Social preventive medicine, Forensic medicine, General medicine, General surgery, Paediatrics, Orthopaedic surgery, Obstetric and Gynaecology)</p>
<p><u>May 1997-May 1998:</u></p> <p>Residential Internship</p> <p>Thanjavur medical college and RMH Govt. Hospital, Thanjavur, Tamilnadu, India</p>	<p>Three months rotation in each</p> <p>Medicine - including intensive care Surgery - including Casualty Obstetrics and Gynaecology - including Labour ward Social and Preventive Medicine - including Primary Health Care</p> <p>Academic Activities: Regular clinical meetings. Prospective and retrospective study of Patients and Case records.</p>

<p><u>April 1999 – March 2002</u></p> <p>MD (General Medicine) Post-Graduation and Intensive Training</p> <p>Madras Medical College and Govt. General Hospital , Tamilnadu, India</p>	<p>Undertaken MD General Medicine course at Madras Medical College which is attached to Government General Hospital, Chennai. Undergone postings in Medical Wards, Intensive Medical care Unit and Toxicology Ward and Special postings in Higher speciality departments (radio, neuro, nephro, gastro and rheumatology)</p> <p>Duties :</p> <p>Management of acute medical emergencies, Poisoning, Cardiac and Neurological emergencies.</p> <p>Academic Activities :</p> <p>Regular clinical meetings. Prospective and retrospective Study of Diseases and Case reports</p> <p>Dissertation:</p> <p>Pleural fluid analysis and prognosis in malignant pleural effusions.</p>
<p><u>April 2002 to November 2002</u></p> <p>Consultant physician</p> <p>C.S.I. Kalyani Multi Speciality Hospital, Chennai-600 004, Tamilnadu, India.</p>	<p>It is a 200 bedded Multi Speciality Hospital with all major specialities. I worked as a consultant physician here. I have been taking care of out-patients, in-patients and patients in the intensive care units.</p>
<p><u>December 2002 to march 2003</u></p> <p>Intensive Care Physician</p> <p>Emergency Medical Room , Vijaya Health Centre, vadapalani, Chennai, Tamilnadu, India.</p>	<p>Handling all medical emergencies</p> <p>Endotracheal intubation</p> <p>Central venous catheter insertion</p> <p>Temporary cardiac pacing</p> <p>Management of acid-base imbalances and electrolyte disorders</p>
<p><u>April 2003 to December 2003</u></p> <p>Registrar in cardiology</p> <p>Vijaya Heart Foundation, vadapalani , Chennai, Tamilnadu, India.</p>	<p>Registrar in cardiology , working under eminent team of cardiologists</p> <p>Posted in mainly in coronary care unit, also in outpatient and inpatient services</p> <p>Managing all cardiac emergencies in coronary care unit, Post catheterisation and post interventional cases</p>

August 2004 – August 2007

**DM (Cardiology) Post-Graduation
with higher speciality and
Intensive Training**

**Madras Medical College and
Government General Hospital
Chennai, India**

Gold medallist in D.M.Cardiology

Undertaken DM Cardiology Post-Graduation with higher speciality at Madras Medical College which is attached to Government General Hospital, Chennai. It is a multi-speciality hospital in Chennai with a history of more than 100 years of providing healthcare to the citizens of India.

Duties:

Conducting Cardiology outpatient clinic daily with privilege to admit and manage patients daily with good exposure to Coronary artery disease, Rheumatic heart disease, Congenital heart disease and arrhythmias etc.. Well versed with investigations and Procedures like,

- Exercise Stress Test (Treadmill)
- Holter monitoring
- Echocardiography
- Catheterisation and angiography
- Pacing

Academic activities:

Taking part in symposiums, workshops, Journal clubs, continuous medical education programmes and Cardiology meetings and Conferences.

Paper Presentations in Cardiological Society of India (CSI)
Conferences held in,

December 2005 - Mumbai, India

Re-use of streptokinase in acute ST elevation MI

Echocardiography in risk assessment of unstable angina

December 2006 – New Delhi, India

Assessment of ASD by 3D echocardiography

Dissertation: Usefulness of Tissue Doppler Imaging in differentiating Ischemic from Non-ischemic Cardiomyopathy.

September 2007 to November 2009

Consultant Cardiologist

**Frontier lifeline hospital ,
Dr.K.M.Cherian Heart
Foundation, Chennai, Tamilnadu,
India**

Duties:

Managing adult outpatient department, Intensive coronary care unit, Doing Echocardiography, Exercise Stress Test and Holter monitoring etc.

Doing interventions in adult patients mainly percutaneous coronary interventions ,also includes balloon valvotomies and permanent pacemaker implantations

Academic activities:

Teaching physician assistant students , postgraduate diploma in clinical cardiology students, DNB cardiology postgraduate students, nurses and nursing students

Conducting training programme in “basics in echocardiography”

Taking part in local and national conferences held in India, and attending CMEs regularly.

December 2009 to October 2016

**Chettinad Health City and
Research Institute, Chennai
Chettinad Superspeciality
Hospital,
OMR,Kelambakkam,Chennai
Tamilnadu,India**

**Professor in Cardiology and
Senior Interventional cardiologist**

Working as a Professor in Cardiology and Senior Interventional cardiologist

Procedures being done by me regularly now includes most of adult cardiac interventions and many of pediatric interventions

- 1.Diagnostic coronary angiograms
- 2.Coronary angioplasty and stenting, including Primary PCI
- 3.Balloon mitral valvotomy
- 4.Balloon pulmonary and aortic valvuloplasties
- 5.Peripheral angiogram and peripheral stenting
- 6.Cerebral angiogram,carotid stenting
- 7.Renal artery stenting
- 8.Pediatric cath studies
- 9.PDA and ASD device closure
- 10.Coil closures and coil embolization of MAPCAS
- 11.Coarctation of aorta-dilation and stenting
- 12.Permanent pacemaker insertion-single and dual chamber
- 13.IVC filter insertion
- 14.Uterine artery and Bronchial artery embolization

National presentation: NIC 2014 meeting(held in Cochin):Transcatheter management of pulmonary embolism

November 2016 to December 2018

Senior Interventional Cardiologist
Bharathirajaa Specialty Hospital, T.Nagar, Chennai,
Tamilnadu

January 2019 to till date

**Senior Consultant
& Interventional cardiologist**

Publications-Original Articles

Apollo Speciality Hospital, OMR, Perungudi, Chennai-96,
Tamilnadu, India

Obstructive Thrombosis of Left-Sided Mechanical Heart Valves: Clinical Profile and Thrombolytic Therapy. J Heart Valve Dis Vol. 25. No. 1 January 2016

Correlation of high sensitivity C-reactive protein and low density lipoprotein cholesterol level in healthy south Indian population; International Journal of Recent Trends in Science And Technology, ISSN 2277-2812 E-ISSN 2249-8109, Volume 19, Issue 3, 2016 pp 335-339

A study of pattern of coronary artery disease in young south Indian Population Indian Journal of Basic and Applied Medical Research; June 2016: Vol.-5, Issue- 3, P. 216-224

Correlation of high sensitivity C-reactive protein (hs-CRP) and HDL cholesterol in healthy south Indian individuals; MedPulse – International Medical Journal, ISSN: 2348-2516, EISSN: 2348-1897, Volume 3, Issue 6, June 2016 pp 567-569

Clinical profile of coronary artery disease among south Indian young males; Keral Heart Journal, Vol 6, No.2, July –Dec 2016, P 25-28