

CURRICULUM VITAE

Name : **DR. C. N. MANJUNATH**

Fathers Name : Late Nanjappa
Cholenahally
Channarayapatna Taluk, Hassan, District.
Occupation: Agriculture

Postal Address : No: 281, 80 feet Road,
Padmanabhanagar, Bangalore - 560070

Date of Birth : 20 - 07 - 1957

Age : 54 Years

Sex : Male

Academic Qualification:

<u>Degree</u>	<u>College</u>	<u>University</u>	<u>Year of passing</u>
M.B.B.S	M.M.C	Mysore	1982
M.D. (Gen. Medicine)	B.M.C	Bangalore	1985
D.M. (Cardiology)	K.M.C	Mangalore	1988

Marital Status : Married

Nationality : Indian

Designation : **Professor & Head of Cardiology**
Director,
Sri Jayadeva Institute of Cardiovascular
Sciences & Research, 9th Block Jayanagar
Bannerghatta Road, Bangalore - 560069.

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Residence: 26692155, 26697558

Professional skills & achievements:

1. He has innovated a new technique of performing Balloon Mitral Valvuloplasty in difficult cases; this is **being called Manjunath's Technique** published in American Journal cathet.Cardiovasc.Diagn 44:23-26 1998. Because of his original research, Balloon Mitral Valvuloplasty operation has become cheaper by 30 – 40% which is a boon to poor patients of India and third world countries. .
2. Has done **highest number of Balloon Mitral Valvuloplasties with Accura Balloon in India**, published in Journal of interventional cardiology – Vol 11 April 1998.
3. **Left atrial thrombus classification is called Manjunath's classification, published in Catheterization and Cardiovascular Interventions. 74:653-661(2009).**
4. **Has distinction of Training American and French Doctors on Balloon Valvuloplasties at Sri Jayadeva Institute of Cardiology, Bangalore.**
5. Principal investigator in India's first Indigenous Recombinant Streptokinase study (Shankinase) in Acute Myocardial Infarction (Heart Attack).
6. International Authority on Mitral Valvuloplasty Balloon/Catheter.
7. Has performed more than 15,000 interventions including Coronary and Non-Coronary cases.
8. Has introduced Novel method of Auto transfusion of blood in dying patients of Cardiac Tamponade during PTMC.
9. **Has given live demonstration on Balloon Mitral Valvuloplasty and Metal Commissurotome in India and abroad.**
10. **Conducted 175 angioplasties in just 5 days free of cost with joint sponsorship from NRI USA and SJIC&R – world record in year 2010**
11. **American President Barack Obama has applauded the Institute's work under the guidance of Dr. C N Manjunath.**
12. **Opening of Jayadeva Branch at Mysore (75 Bed facility) in the year 2010**

HIGHLIGHTS & ACHIEVEMENTS FOR THE YEAR 2010

- 250% growth
- **17,000** Cathlab procedures were performed (**Highest in the Country**)
- **10,000** Angiograms
- **1,500** Mitral Valvuloplasties (**Highest in the World**)
- **3,200** Angioplasties (**Highest in the Country**)
- **2,400** Bypass & Valve Replacement Surgeries
- **1,18,000** Echo-Cardiograms (**Highest in the World**)

- **24,500** In-Patients were treated, Out of which 13,000 were treated at subsidized cost
- **Two lakh Forty two thousand** Out Patients were treated
- **1500 poor patients underwent Free Angioplasties and Open Heart Surgeries**
- **Concessional treatment to patients coming under Yeshasvini Scheme**
- **Three** Indo-American Workshops on Angioplasty conducted since last 3 years – **350 patients were treated free. During 2010, 175 Angioplasties for poor patients in just 5 days between 4th to 8th October in joint collaboration with NRI Heart Foundation. 1.5 Crores worth Stents given free of cost.**
- **Under Hrudaya Sanjeevini Scheme (HSS)**, nearly 2000 poor patients were treated free of cost.
- Training Programme for Overseas Doctors in the field of Cardiology
- Establishment of Electrophysiology 3D Mapping system
- Establishment of Telemedicine project & Modernization of Blood Bank
- Enhancement of Superspeciality post graduate seats in DM cardiology **from 3 to 21** and MCh- Cardiothoracic surgery **from 2 to 12 seats** comes into effect from 2009, DM Cardiac Anesthesia **8 seats.**
- State of art, first of its kind “**Food Court**” facility
- Established well furnished **225 capacity Auditorium**
- Promotion of Health Tourism and hospital development programme
- **Cardiology Unit with 75 beds facility at K R Hospital Premises, Mysore is functioning from 12th August 2010 and running successfully.**
- **Facelift to Cardiology Department at KIMS, Hubli.**
- **Effluent treatment plant – first of it’s kind**
- **Various Schemes & Sponsorships to support the treatment of poor patients:**
 - * Dr. Ambedkar Medical Aid Scheme
 - * Suvarna Arogya Chaitnya Scheme
 - * Sampoorna Suraksha Programme
 - * Rotary Bangalore Sponsorship
 - * Rotary International Sponsorship
 - * NRI Doctors Sponsorship
 - * Chordia Charitable Trust Sponsorship

- * Ranka Charitable Trust Sponsorship
- * Jain Heart Foundation Sponsorship
- * Melmaravathoor Adiparashakthi Spiritual Movement Trust Sponsorship
- * Sri. Veerendra Heggade, Dharmasthala Sponsorship
- * Needy Heart Foundation Sponsorship
- * Seva Trust, Bangalore Sponsorship & other Philanthropists

Philanthropic Contributions and charity:

1. **Has mobilized Rs. 15 crore donations and established a poor patient fund at Sri Jayadeva Institute of Cardiology for benefit of patients undergoing Heart surgeries.**
2. As president of Cardiological Society of India, Bangalore Chapter introduced novel scheme for the first time to donate Rs. 5 Lakhs every year towards treatment of poor patients with Heart disease, from the CSI funds.
3. In 1997 an Angiography workshop at Chennai under Asia Pacific Society was held, where in 25 poor patients were given angioplasty and stenting procedures free of cost which otherwise would have costed Rs. 32 Lakhs.
4. Has donated Rs. 15 Lakhs towards poor patients treatment out of 56th CSI Annual conference savings which was held in December 2004 in Bangalore.
5. No Admission fees for Emergency Treatment at SJICR
6. as donated 150 Heart Valves & 25 Pacemakers to poor patients worth Rs. 35 Lakhs.
7. Conducted Angioplasty Workshop at Sri Jayadeva Institute of Cardiology for 25 patients in one day, which **is a national record – Stents worth Rs. 12 Lakhs was used. In the year 2009 153 patients underwent Angioplasty with stent free**
8. Conducted Indo- American Workshop in October 2007, where in 102 poor patients underwent **Free Angioplasty with Stent and Permanent Pacemaker Implantation worth Rs. 65 Lakhs.**
9. Conducted Indo- American Workshop in October 2008, where in 102 poor patients underwent **Free Angioplasty with Stent and Permanent Pacemaker Implantation worth Rs. 75 Lakhs, jointly sponsored by Sri Jayadeva Institute of Cardiology & Dr. Subramani, Wisconsin, USA.**
10. Free Angioplasty treatment for **1500** patients,
11. Free Open Heart Surgeries for **1000** patients,
12. **600** artificial Heart Valves donated
13. **50** Free Permanent Pacemaker done with donation from Rotary Bangalore East Pacemaker Bank
14. Concessional treatment facilities to the patients coming under Yeshasvini Co- operative Farmers Health Scheme.
15. **M/s. S.B. Chordia Trust, Chennai has sponsored Rs. 50Lakhs to treat about 200 patients.**
16. **M/s. Ranka charitable trust donated Rs. 30 Lakhs towards the Surgery / Angioplasty procedures.**

Awards Received:

1. Padma Shree Award – 2007
2. Distinguished Service Award – September 2006, by World Congress on Clinical and Preventive Cardiology (WCCPC 2006).
3. Sir C V Raman Young Scientist award 2001.
4. Distinguished Physician award by American Association of Cardiologist of Indian Origin March 2003.
5. National Recognition Award in the field of Angioplasty 1997.
6. Karnataka Rajostawa Award – 1998.
7. Fellow of Indian College of Cardiology
8. Fellow of Indian Academy of Medical Specialties
10. Life Member of CSI
11. Best Citizen Award BCC – 1994
12. Faculty Member of Asia Pacific Society of Interventional Cardiology
13. Best Scientific paper Award – South Zone CSI – 1995, Pulmonary Venous flow Velocities by TEE before and after PTMC, Bangalore.
14. Best paper Award – IMA Medical Specialities Conference 1996 – Comparative study of PS and Wiktor Coronary, Cochin, Kerala 1990.
15. Best paper award “Closure of PDA using Amplatzer Device at 8th Annual Conference of ICC Bhubhuneswar ,Orissa – 2001.
16. The Great Son of Karnataka – 2008 – All India Conference of Intellectuals – In recognition of his outstanding services, Achivements and contribution

ADMINISTRATIVE AND INNOVATIVE REVOLUTIONARY MEASURES UNDERTAKEN BY DR.C.N.MANJUNATH DURING HIS TENURE AS DIRECTOR FROM 2006 – TILL DATE

*** Institute has achieved 250% growth
(Over all growth from the year 2006 to till date)**

1. INCENTIVE SCHEME TO PREVENT BRAIN DRAIN AND TO ATTRACT MORE FACULTY : (FIRST TIME IN THE ANNALS OF GOVERNMENT HOSPITAL IN THE COUNTRY)

Incentive scheme was introduced in the year 2006, where in faculty members including Staff Nurses, Technician, Group-D employees get additional money apart from salary. This is based on performance, productivity and punctuality, as a result Sri Jayadeva Institute being a Government Institute is delivering quality health care like any other corporate hospitals at subsidized rate to common man. This scheme is managed out of internal resources mobilized from treating patients but nor funded by Government.

2. ENHANCED DM CARDIOLOGY SEATS FROM 3 TO 21 AND MCH FROM 2 TO 12 SEATS. This is the only Institute in the country to have 21 DM Cardiology PG Seats.

3. INTRODUCED PATIENT COMFORT MONITORING AND SATISFACTION SURVEY SYSTEM, wherein feedback is obtained from patient after discharge through House visits.

4. INTRODUCED SINGLE WINDOW OUT PATIENT FACILITIES TO MOBILIZE FUNDS FOR POOR PATIENTS.

5. TREATMENT FIRST CONCEPT: -

Rule has been made such that in case of emergency required treatment including valvuloplasty, angioplasty, and open heart surgery procedure is immediately undertaken without any deposit, whether patient has less money or no money.

6. IMPLEMENTATION OF HEALTH TOURISM AND HOSPITAL DEVELOPMENT PROJECT IN THE UNUTILIZED VACANT LAND IN THE PREMISES OF THE INSTITUTE, on a lease basis for 30 years, which will generate record revenue of Rs. 230 crores which will be utilized towards the treatment of lakhs of poor patients for generations. Already Rs. 7.5crores has been deposited with the hospital. This is a role model concept to mobilized funds for the treatment of poor patients by utilizing small piece of surplus land in the premises of Institutions/hospitals etc.

7. SIMPLIFIED THE GRANT OF PERMISSION FOR DOCTORS ATTENDING INTERNATIONAL CONFERENCES:-

8. CREATION OF MORE FACULTY POSITIONS to prevent frustration among eligible doctors.-

9. MOBILIZING MORE FUNDS AND OTHER REQUIREMENTS BY UTILIZING SURPLUS FUNDS:-

Surplus money is kept in fixed deposits at scheduled banks, interms Ambulances, equipments were taken as donations for this hospital.

10. LITIGATION FREE ADMINISTRATION:-

Where in lot of legal fee is saved and faculty are happy which translates into good working atmosphere and better patient care.

The Government owned Autonomous Institute has been transformed in 3 years such a way there it is functioning like 5 star corporate hospital with respect to attitude, cleanliness, public relations, quality of services still at subsidized rates, in deserving poor - free of cost.

11. POSITIVE FINANCIAL GROWTH DESPITE LIMITED GRANTS FROM THE GOVERNMENT

Due to better internal resources mobilization and aggressive collection of funds from various Non-Government organizations, philanthropists, charitable institutions, it is possible to provide quality treatment to needy patients at subsidized rate and even free for poor patients.

15 crore poor patient corpus fund has been established, First of its kind in the annals of any Government Hospital Sectors in the country. The interest generated from this corpus being spent for needy unaffordable patients.

12. WIDENING OF PAYING PATIENT BASE by treating many Health Insurance Card Holders

13. ASSESSMENT OF PATIENTS FOR CONCESSIONAL / FREE TREATMENT.

Normally to accord concession / Discount / Free treatment, patients should have Below Poverty Line Cards or Low Income Certificates, but these certificates will be issued only if they have houses, since many homeless poor patients would have been deprived of these benefits by Conventional method of assessment. Hence amendment has been brought so that Eye ball assessment of poor patient can also be entertained for concession treatment on humanitarian grounds.

Organizational Skills:

1. Organising Secretary of 1st National Conference of Indian College of Cardiology – Bangalore 1994.
2. Organising Secretary of 7th National Conference of Indian College of Cardiology – Bangalore – 2000.
3. Organising Secretary 56th Annual National Conference of Cardiological Society of India, Bangalore – 2004, regarded as one of the best Medical conference of India.

International Publications:

1. Balloon Mitral Valvuloplasty Device Comparison –Journal of interventional Cardiology Vol. 11 April 1998.
2. Balloon Mitral Valvuloplasty: Our Experience with a Modified Technique of Crossing the Mitral Valve in difficult cases. Cathet.Cardiovasc.Diagn.44:23-26, 1998.

3. Pulmonary venous flow assessment by TEE before and after Balloon Mitral Valvuloplasty – Journal of Echocardiography. 2000 Feb;17(2):151-7.
4. Iotrogenic Artario venus fistula – following lumbar disc surgery – percutaneous closure – Published in First issue 2008 “Advances in Interventional cardiology” Poland Heart Journal.
5. Fatal coronary embolism in Infective endocarditis associated with chronic rheumatic heart disease: An unexpected transesophageal Echocardiographic documentation. Echocardiography.: A Journal of CV Ultrasound & Allied Tech. Vol.26, No.7, 2009.
6. Intracardiac thrombi in acute myeloid leukemia: An Echocardiographic and autopsy correlation. Echocardiography. Accepted.
7. Angiolymphoid hyperplasia with eosinophilia presenting as giant Axillary artery aneurysm. Vascular. Accepted.
8. Balloon Mitral Valvotomy in patients with mitral stenosis and left atrial thrombus. Catheterization and Cardiovascular Interventions. 74:653-661(2009)
9. Spontaneous asymptomatic coronary artery dissection in a young man – Journal of Cardiology – (2009) 54, 499-502.
10. Balloon Mitral Valvotomy for Calcific Mitral Stenosis – J.Am.Coll.Cardiol.Intv.2009;2;263-264.
- 11.Periprocedural Left Main Coronary Dissection – Successful conservative management – J Invasive of Cardiology – 2009.4;21.E63-64.
- 12.Retrograde approach for closure of ruptured sinus of Valsalva – Journal of Invasive Cardiology – 2010 (accepted for publication in Feb 2010)
13. Removal of broken balloon mitral valvotomy coiled guidewire from giant left atrium using indigenous snare- Japanese Cardiovascular Intervention and Therapeutics-2010. Published online: 30June2010

National Publications:

1. 7th report of Non-Coronary Cardiac Interventions Registry of India : Indian Heart Journal 2008 : 60/73-78.

2. Risk Prediction - Homocysteine in Coronary Heart Disease – Indian Journal of Clinical Biochemistry, 2007/22(1) 18-21.
3. IVC Obstruction – Journal of Indian College of Cardiology, Vol – 7, Oct.2006.
4. Localisation of Site of occlusion in LAD based on 12 lead ECG – Indian Heart Journal – 2004 July-Aug;56(4):315-9.
5. Drug Eluting stents – Journal of Indian College of cardiology 2005.
6. Indigenous recombinant streptokinase Vs natural streptokinase in acute myocardial infarction patients: Phase III multicentric randomized double blind trial. Indian Journal Medical science. 2005 May; 59(5):200-07.
7. Zinc in Rheumatic Heart Valves – Journal of Association of Physicians of India, Vol.41.No.10, 653-654, 1993.
8. Balloon Mitral Valvuloplasty – KMJ – 1993.
9. Changing Profile of Infective Endocarditis – KMJ – 1993.
10. Cardiovascular Emergencies – KMJ – 1992.
11. Management of Acute Myocardial Infarction – KMJ – 1992.
12. Hyperhomocysteinemia: An emerging risk factor for Cardio Vascular disease – Indian Journal of Clinical Biochemistry. Vol.18.No.1, 18-14, 2003.
13. Lipoprotein (a) in Coronary Artery Disease in Indian pulation – Journal of Indian Medical Association. Vol.18,No.1, 18-14, 2003.
14. Electrocardiographic localization of the occlusion site in left anterior descending coronary artery in acute anterior myocardial infarction. Indian Heart Journal.2004, July-Aug; 56(4):315-9.
15. Brugada-type Electrocardiographic Pattern Induced by electrocution. Indian Pacing Electrophysiolol.J.2009.Jan-Mar:9(1)
16. Brugada-type Electrocardiographic pattern Induced by Electrocutation. Indian Pacing and Electrophysiology Journal 2009, 9(1):56-59.

17. Response to letter regarding Article, "Brugada-type Electrocardiographic pattern Induced by Electrocution.". Indian Pacing and Eletrophysiology Journal 2009,9(2):107.
18. Primary Cardiac Sarcoma presenting as shock. Ind J Thorac Cardiovasc Surg 2009;25:31-33.
19. The challenge produced by familial homozygous hypercholesterolemia when treating premature coronary artery disease in the young. Cardiology in the young, 19, PP 257-263.
20. Giant mediastinal thymolipoma simulating cardiomegaly. Journal of cardiology, In Press, Corrected Proof, available online 13 February 2009.
21. Left Circumflex coronary arteriovenous fistula presenting as acute coronary syndrome – Journal of Cardiology Cases 2010 – 68:1-4.
22. A clinically masked Normotensive Aortic Coarctation. Indian Heart.J.2010;62:363-364.
23. Inverted Bulb, A rare Complication of Myocardial Infarction – A New sign!, Indian Heart J. 2010;62:357-358.

PhD Degree Co-Guide:

1. Study of Lipid profile, Apo (a), Lp(a) in Health and Disease, Dr.G.Rajeshwari, Bangalore University.24-06-2003.
2. Study of Apolipoproteins in Coronary Heart Disease. Dr. Sudharshini Rao, Bangalore University.04-08-2004.
3. Study of Insulin resistance in Coronary Artery Disease, A pragmatic Approach. Dr. Shaena Banu, Rajiv Gandhi University Health Science.13-01-2005.

International Workshops and Conference Attended:

1. WHO fellowship Training in Interventional Cardiology at University of Birmingham ALABAMA, USA.1994.
2. Workshop on Interventional Cardiology at University of Charles Nicholas Roven – France.1996.
3. Atherectomy Workshop – Birmingham, USA. 1994.

4. European Society of Cardiology Conference, England, 1997
5. Angioplasty Workshop at Columbo.2000.
6. Madrid interventional Cardiology – Spain, 1998
7. Australasia Symposium – Perth, Australia. 1998
8. TCT – Washington – USA 1999.
9. Laser in Cardiology Practice – Bangkok. 1999.
10. PCR – Paris 2005.
11. TCT – Washington DC 2005.

Live Workshops organized and performance given as primary operator:

1. Interventional Cardiology Workshop at Sri Jayadeva Institute Cardiovascular sciences and Research Bangalore year 1996.
2. Angioplasty Live workshop – Mauritius – 2002.
3. Mitral Valvuloplasty Live workshop at Medical College, Calicut – 2000.
4. Mitral Valvuloplasty Live workshop at Post Graduate Institute in Cardiology, Nagpur- 2000.
5. Mitral Valvuloplasty Live workshop at B.M.Birla Heart Institute, Kolkata – 2000,
6. Mitral Valvuloplasty Live workshop at S.S.K.M.Post graduate Institute, Kolkata – 2000.
7. Mitral Valvuloplasty Live workshop at J.J.M.Medical College, Belgaum, 2001.
8. **Live Mitral Valvuloplasty workshop to Paris – France**
(India Live 2009)

Scientific Abstracts and Papers Presented:

1. Echo Correlation of left Atrial Size and Atrial Fibrillation CSI 1987.

2. Clinical, Echocardiographic Evaluation of Hypertrophic Cardiomyopath CSI, 1987.
3. Metoprolol in Dilated Cardimyopathy - CSI - 1987
4. Clinical, Echocardiographic Haemodynamic study of TAPVC CSI - 1989
5. Primary Pulmonary Hypertension - CSI - 1987 clinical, Echocardiographic study
6. Intravenous streptokinase in Acute Myocardial Infarction - CSI 1991
7. Single Coronary Artery Cases Report CSI
8. Myocardial Hydatid Cyst - CSI 1990.
9. Assessment of Shunt size in Atrial Septal defect by Transatrial Jet width on Colour flow Mapping - CSI - 1994.
10. Study of intravenous Diltiazem in SVT - ICC - 1994
11. Haemodynamic changes following Balloon Mitral Valvuloplasty ICC- 1994
12. PTMC in Mitral Resetenosis - ICC - 1994
13. PTMC in Mitral Stenosis Calcification - ICC - 1994
14. Balloon Mitral Valvuloplasty in High Risk Sub Categories - CSI - 1994
15. 1000 cases of Balloon Mitral Valvuloplasty by Inoue and Accura Balloon (800cases)
16. Left Atrial Spontaneous Echo Constrast in Mitral Valve Disease by TEE- CSI 1994.
17. Pulmonary Venous Flow Assessment by TEE in patients with Mitral Stenosis.
18. Mitral Valve Area Estimation by Transmitral Jet width on TEE - CSI - 1995
19. Pulmonary Venous flow Assessment by TEE before and after PTMC
20. Comparative study of PALMATZ SCHATZ and WIKTOR CORONARY STENTING - CSI 1996.

21. Comparative study of PTMC and closed surgical Valvotomy – ICC – 1994
22. Clinical Echocardiography study of Infective Endocardia – CSI 1994
23. Apolipoproteins in Coronary Artery Disease – CSI – 1994
24. Analysis of left atrial A and V wave in Mitral Stenosis – ICC – Hyderabad
25. Balloon Mitral Valvuloplasty by Modified Meier`s Technique ICC 1996- Hyderabad.
26. Pattern and Prevalence of Rheumatic Heart Disease by Echocardiographic Evaluation, Indian Heart Journal 1999;51:604 –Nov. 1999
27. Transcatheter Closure of Atrial Septal Defect using Self Expandable Amplatzer Septal occluder versus surgical closure - A comparative Analysis. Indian Heart Journal 2000; 52:721, Nov-2000.
28. Effect of Coronary Angioplasty on QT interval Dispersion. Indian Heart Journal: 2000; 52:794, Nov-2000.
29. QT Dispersion as a Predictor of In-Hospital Ventricular Arrhythmias and Mortality in Acute Myocardial infarction. Indian Heart Journal 2000; 52:808, Nov-2000.
30. Transcatheter Closure of Patent Ductus Arteriosus – our Experience - Indian Heart Journal 2000; 52:810, Nov-2000.
31. Multivessel Coronary Angioplasty and Stenting at Sri Jayadeva (Mucass): A Clinical Outcome: Indian Heart Journal 1999;51:604. Nov-Dec, 1999.
32. Rescue Angioplasty after Failed Thrombolysis in Acute Myocardial Infarction, Indian Heart Journal 1999; 51:625. Nov-Dec 1999.
33. Percutaneous Transluminal Coronary Angioplasty in Women: A Comparative Study, Indian Heart Journal 1999; 51:626, Nov-Dec 1999.
34. Percutaneous Transluminal Coronary Angioplasty in Elderly: A comparative study. Indian Heart Journal 1999; 51:650, Nov-Dec

1999.

35. Mitral Valvuloplasty in patients Aged 50 years and above. Indian Heart Journal 1999; 51:659, Nov-Dec 1999.
36. Emergency PTMC in patients with Rheumatic Mitral Stenosis and Cardiogenic Shock or Cardiac Arrest. Indian Heart Journal 1999; 51:667, Nov-Dec 1999.
37. Evaluation of C - reactive protein in Coronary Artery Disease and Acute Myocardial Infarction patients. Indian Heart Journal 1999; 51:703, Nov-Dec 1999.
38. Intermediate Term Follow-up Results of Percutaneous Transvenous Mitral Commissurotomy. Indian Heart Journal 1999; 51:722, Nov-Dec 1999.
39. Percutaneous Balloon Aortic Valvuloplasty in Congenital Aortic Stenosis: Intermediate-Term Follow-up study. Indian Heart Journal 1999; 51:730, Nov-Dec 1999.
40. Percutaneous Transvenous Mitral Commissurotomy in Juvenile Rheumatic Mitral Stenosis. Indian Heart Journal 1999; 51:731, Nov-Dec 1999.
41. Experience with Small-Vessel Stenting, Indian Heart Journal 2003; 55:443-451, 2003.
42. Accelerated Streptokinase: A comparison of 30-min Infusion Versus 60-min Infusion of Streptokinase in Acute Myocardial Infarction. Indian Heart Journal 2003; 55: 543-550. 2003.
43. Experience with Percutaneous Transvenous Mitral commissurotomy in Mitral Valve Restenosis. Indian Heart Journal 2003; 55:573-578, 2003.
44. Accelerated Streptokinase: A Comparison of 30-min infusion versus 60-min Infusion of Streptokinase in Acute Myocardial infarction. Indian Heart Journal: 2003; 55; 572-578, 2003.
45. Stenting for Symptomatic Myocardial Bridging, Indian Heart Journal: 2003; 54; 597-602, 2003.

Professional Experience in Medical field– 23 years experience

1. Post Graduation in Internal Medicine

Bangalore Medical College - 1982 - 1985

2. **Senior Registrar in Cardiology**
KMC – Manipal - 02-09-1985 to 04-07-1988
3. **Lecturer in Cardiology**
Sri Jayadeva Institute of Cardiology - 1-02-1989 to 26-11-1990
4. **Assistant Professor of Cardiology**
Sri Jayadeva Institute of Cardiology - 27-10-1990 to 17-04-1996
5. **Professor of Cardiology**
SJICR - From 18-04-1996
(14 years As a Professor of Cardiology)
6. **Director – SJICR** - From 1st January 2006
till date

Teaching Experience:

1. Experience in Teaching after Post Graduation - 23 years
2. Experience in the Medical Profession - 28 years

Professional Bodies attachments:

1. President - Indian College of Cardiology – 2005-2006
2. Hon. Secretary - Indian College of Cardiology, 1997-2003
3. Hon. Editor - Journal of Indian College of Cardiology 1999-2000
4. Editorial Member - Indian Heart Journal (1997)
5. Advisory Committee Member - Indo-French Heart Foundation – 1998 – 99.
6. Scientific Board Advisor - Asia-Pacific – 2002.
7. Executive Committee Member - Cardiological Society of India – 2005-06
8. Member - Drug Controller of India,
9. Member - Medical Council of India

10. Member – Board of Director - Yeshaswini Trust
11. Trustee - Vajpayee Arogya Scheme (SAST)

Examiner in DM Cardiology:

1. Rajiv Gandhi University of Health Sciences, Bangalore, Karnataka
2. Kerala University, Thiruvananthapuram, Kerala
3. Sree Chitra Tirunal Institute for Medical Sciences & Technology, Thiruvananthapuram, Kerala
4. Manipal Academy of Higher Education (Deemed University) – Manipal, Karnataka
5. University of Kolkatta, Kolkatta, West Bengal.
6. Bombay University, Mumbai, Maharashtra
7. NTR Health university, Vijawada, AP
8. Sri Venkateshwara Institute of Medical Sciences, Tirupathi, AP
9. SGPGIMS, Lucknow, UP
10. JIPMER, Pondichery
11. CMC, Vellore
12. Madras Medical College, Chennai.
13. Bhuneshwara University, Cuttack.
14. Matha Amrutha Institute of Medical Scieces - Kerala

(DR.C.N.MANJUNATH)