



## CURRICULUM VITAE

### DR.MANOJ KUMAR AGARWALA

MBBS, MD (Medicine), DM (Cardiology)

#### QUALIFICATION

- M.B.B.S. : Guwahati Medical College, Guwahati (Assam)  
INDIA, (1984 – 1989).
- Postgraduation course : Postgraduate Institute of Medical Education and  
M.D. (Medicine) Research, Chandigarh in 1994.  
(1992 – 1997)
- D.M.(Cardiology)** : **Postgraduate Institute of Medical Education**  
(1995 – 1997) **and Research, Chandigarh in 1997.**

#### CLINICAL EXPERIENCE

- House Job in Medicine : Gauhati Medical College  
September, 1990 - March, 1991 Hospital, Guwahati (Assam)
- House Job in Chest & T.B.Medicine : Gauhati Medical College  
April 1991 - September 1991 : Hospital, Guwahati (Assam)
- Junior Resident in Medicine 3 years : Postgraduate Institute of  
Jan, 1992 - Dec., 1994 Medical Education and  
Research, Chandigarh.
- Senior resident in Medicine 6 months : Postgraduate Institute of  
Jan, 1995 - June, 1995 Medical Education and  
Research, Chandigarh.
- Senior resident in Cardiology (DM) : Post graduate Institute of

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|----------------------------------|---------|---|
| July, 1995 – June, 1997          | 2 years | Medical Education and Research, Chandigarh:                             |
| • Senior Resident in Cardiology  | 1 year  | : Postgraduate Institute of Medical Education and Research, Chandigarh. |
| July, 1997 - June-1998           |         |   |
| • Training in Electrophysiology  |         |   |
| May , 2000                       | 1 month | : G.B. Pant Hospital , New Delhi  |
| June -July , 2000                | 6weeks  | : University of Rouen , France  |
| • <b>Consultant Cardiologist</b> |         | : <b>Apollo Hospital,</b>   |
| <b>Sept-1998 onwards</b>         |         | <b>Hyderabad.</b>   |

## TEACHING EXPERIENCE

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|--|--|---|
| • <b>Internal Medicine</b>             |  | : Postgraduate Institute of Medical Education and Research, Chandigarh. |
| Jan 1992 – June 1995                   |  |   |
| • <b>Cardiology</b>                    |  | : Postgraduate Institute of Medical Education and Research, Chandigarh. |
| July 1995 – June 1998                  |  |   |
| • <b>Cardiology</b>                    |  | : <b>Apollo Hospital, Hyderabad.</b>                                    |
| July 2001 – Till date<br>(DNB program) |  |   |

## DISTINCTIONS AND MEDALS

- Passed High School Leaving examination conducted by Secondary Education Board of Assam in 1982 with 1st Division and was awarded State and National Merit Scholarships.
- Passed Higher Secondary School examination conducted by Gauhati University in 1984. Distinction in Physics & Chemistry and was awarded State Merit Scholarship.
- Passed all MBBS examinations In first attempt and was throughout in Merit List of University. Received Silver Medals in all.

## **WORK EXPERIENCE IN CARDIOLOGY**

- Patients seen more than 50,000
- Treated 3200 patients of Acute Cardiac emergencies including AMI, Unstable angina, Heart failure, Arrhythmias, Cardiac tamponade, Pulmonary Embolism etc.
- Independently performed more than 9000 Cardiac Catheterizations and 4000 Cardiac interventions

## **DIAGNOSTIC CARDIAC CATHETERIZATIONS**

Coronary angiogram : 6000

Trans Radial Coronary angiogram : 1500

Cardiac Catheterization in  
Valvular heart disease  
Cardiomyopathies, : 1200  
Aneurysms of Aorta &  
Miscellaneous

Carotid and peripheral  
Vascular study : 1000

Pediatric cardiac catheterization : 500

## **INTERVENTIONS**

Coronary angioplasty : 4500

Carotid angioplasty : 55

Peripheral angioplasty : 175

Renal angioplasty : 110

Percutaneous transvenous mitral  
Commissurotomy : 160

Balloon Pulmonary valvuloplasty : 25

Intra Aortic Balloon Pump Insertions : 75

Permanent Pacemaker Implantation	: 175
ASD closure	: 30
Diagnostic EP study	: 18

## **ECHOCARDIOGRAPHY**

### Trans thoracic Echo Cardiography

CAD and Valvular Heart Disease	: 10,000
Cardiomyopathies	: 600
Pericardial diseases	: 400
Aneurysm of aorta	: 60
Congenital Heart Disease Including complex cyanotic heart Disease in pediatric age group	: 1500
Prosthetic Valve assessment	: 750
Post operative assessment	: 3000
Intraoperative assessment	: 100
Trans oesophageal Echocardiography	: 800
Dobutamine Stress Echocardiography	: 100

### **Refernces :**

- 1. Dr.J.S.VARMA,**  
Senior Cardiologist,  
Fortis Hospital,  
Mohali,  
Punjab – India
- 2. DR.RAJANISH JUNEJA,**  
Additional Professor Cardiology,  
AIIMS,  
Ansari Nagar,  
New Delhi – 110029.

### 3. DR.V.DIXIT

Chief Cardio thoracic surgeon,  
Apollo Hospital,  
Jubilee Hills,  
Hyderabad.

## PUBLICATIONS

### Published

1. **Agarwala MK**, Singh M, Juneja R, Grover A, Verma JS. Coronary artery neovascularisation in chronic constrictive pericarditis. Asian Cardiovasc Thorac Ann 1997; 5: 184-185.
2. Singh Mandeep, **Agarwala Manoj Kumar**, Juneja Rajnish, Reserpine induced complete heart block. Asian Cardiovasc Thorac Ann 1998; 6(1):64-65.
3. **Agarwala Manoj K**, Singh Mandeep, Grover Anil, Verma Jagmohan S. Balloon mitral valvotomy in a pregnant patient with anomalous course of inferior vena cava. Asian Cardiovasc thorac Ann-1998; 6(3):227-228.
4. Singh Mandeep, **Agarwala Manoj K**, Grover Anil, Pathak Vijay, Varma Jagmohan S. Clinical, echocardiographic and angiographic profile of patients with double chambered right ventricle. Experience with 48 cases. Angiology. 1999; 50(3) 223-231
5. **Agarwala Manoj K**, Singh Mandeep, Grover Anil, Varma Jagmohan, Pathak Vijay; Double outlet right ventricle coexisting with double chambered right ventricle - A profile of seven cases. Asian Cardiovasc Thorac ann. 1999; 7( 2) 111-114
6. PC Rath, NK. Panigrahi, **Agarwala MK**, NK.Das, R.Venkateswarlu - Coil Embolization of A Gaint Atherosclerotic Coronary artery Aneurysm. Journal of invasive Cardiology. 1999;11(9) 559-562.
7. Bali HK, **Agarwala MK**, Jain AK, Kumar N, Jetley V. De novo stenting of thoracic aorta in Takayasu's Arteritis - Initial experience (Abstract). Indian Heart Journal 1997; 49; 161.
8. **Agarwala MK**. Singh Mandeep, Grover Anil. A case of double chambered right ventricle. Documentation. Journal of Association of Physicians of India 1998; 46; 660.
9. T Deb. V Dixit, R Prasad, PC Rath, PS Rao, S. Chandra, R Chakraborty, **MK Agarwala** et al. Post operative angiographic study of radial artery in 54 patients (Abstract). Indian Heart Journal Dec. 1999, 51:504.

10. PC Rath, **MK Agarwala**, T. Deb, et al. Stenting without predilatation: Our experience (Abstract). Indian Heart Journal Dec. 1999, 51: 26.
11. T Deb, PC Rath, PS Rao, S. Chandra, R Chakraborty, **MK Agarwala**, et al. ReoPro plus stenting: Pushing the envelope of clinical applications for acute/chronic coronary interventions (Abstract). Indian Heart Journal Dec. 1999, 51:41.
12. T Deb, PC Rath, PS Rao, S Chandra, R Chakraborty, **MK Agarwala** et al. Early results of stenting in small vessels: Is it a small world after all? (Abstract) Indian Heart Journal Dec. 1999, 51:42.
13. T. Deb. PC Rath, S Chandra, R Chokroborthy, **MK Agarwala** et al. Comparison of in hospital outcomes between a primary stenting strategy and primary fibrinolytic therapy in patients presenting with acute myocardial infarction. (Abstract) Indian Heart Journal Dec. 1999, 51:47.
14. PS Rao, Shivkumar, Pramod Kumar, PC Rath, **MK Agarwala** et al: Angioplasty and stenting in total occlusions (Abstract). Indian Heart Journal Dec. 1999, 51:103.
15. PC Rath, **MK Agarwala** , T. Deb et al: Percutaneous transmyocardial revascularisation:1 year follow up (Abstract). Indian Heart Journal Dec. 1999 51:172.
16. T Deb, J. Venkateshwaruly, LT Kishore, BS Reddy, PC Rath, PS Rao, S Chandra, R Chakraborty, **MK Agarwala** et al. Angioplasty and stenting of the internal carotid artery (Abstract) . Indian Heart Journal Dec. 1999,51:391.
17. T Deb. J Venkateshwaruly, LT Kishore, BS Reddy, PC Rath, PS Rao, S Chandra, R Chakraborty, **MK Agarwala** et al. Stent supported percutaneous angioplasty in the treatment of peripheral vascular disease of the lower limb: Preliminary results in a cohort of elderly, high risk patients (Abstract). Indian Heart Journal Dec. 1999,51:402.
18. PC Rath, **MK Agarwala**, T Deb et al. Renal artery involvement in patients of CAD undergoing coronary angiography. A prospective study (Abstract). Indian Heart Journal Dec. 1999 51: 479.
19. T. Deb, PC Rath, PS Rao, S. Chandra, **MK Agarwala**, et al: Is Increased Stent Utilisation Associated with Improved Outcomes for PTCA Patients? Analysis of Major Adverse Events in a Large Unselected Population (Abstract). Indian Heart Journal Dec. 1999 51: 13.
- 20 Rath P.C., **Agarwala M.K.**, Das N.K., Deb T, et al. Coronary Stenting without predilatation : An observational study. Indian Heart Journal. Vol. 52, Feb 2000,45-49.

21. Rath PC, **MK Agarwala**. Percutaneous Mitral Commissurotomy with metal dilator. Millennium update cardiology 1999.
22. Rath P.C., **M.K.Agarwala** Percutaneous Transluminal Myocardial laser Revascularisation. An overview: Coronary Interventions 2000 Editor Dr.U.Kaul invited article.
23. PC Rath, **MK Agarwala**. In-Stent Restenosis: An Overview. Journal of the Indian College of Cardiology. Vol.1; Oct.2000;33-40.
24. PC Rath, **MK Agarwala**, J Venkateswarlu, P.K.Dhar, N.K.Das: Carotid Angioplasty under Cerebral Protection with "Percusurge Guardwire". Indian Heart Journal, Vol. 52; July 2000:461-463
25. PC Rath, **MK Agarwala** Percutaneous Transluminal Myocardial Revascularisation: Current Status and Future Perspectives. Journal of the Indian Medical Association. Vol98; Nov. 2000: 715-716
26. PC Rath, **MK Agarwala**, PK Dhar, et al. Shinobi Wire for Recanalisation of Chronic Total Occlusion (Abstract). Indian Heart Journal Dec. 2000;52:(6):14.
27. T.Deb, PC Rath, R. Chakraborty, **MK Agarwala** et al. Cutting Balloon Coronary and Renal Angioplasty – Initial Clinical Experience(Abstract). Indian Heart Journal Dec. 2000;52:(6):44.
28. R.Chakraborty, PC Rath, **MK Agarwala** et al. Corocoroplasty: Combined Carotid and Coronary Angioplasty (Abstract). Indian Heart Journal Dec. 2000;52(6):86.
29. PC Rath, **MK Agarwala**, PK Dhar et al. Corotid Angioplasty Under Cerebral protection with "PercuSurge Guardwire"(Abstract). Indian Heart Journal Dec. 2000;52(6)90.
30. PC Rath, PK Dhar, **MK Agarwala** et al. Direct Stenting in Aortocoronary Saphenous Venous Bypass Grafts and Immediate Outcome (Abstract). Indian Heart Journal Dec. 2000;52(6) 127.
31. PC Rath, PK Dhar, **MK Agarwala** et al. Carotid Artery Involvement in Patients of Coronary Artery Disease Undergoing Coronary Artery Bypass Grafting – A Retrospective Study (Abstract). Indian Heart Journal Dec. 2000;52(6) 182.
32. PC Rath, **MK Agarwala**, PK Dhar. Bilateral Coronary Injections during Chronic Total Occlusion Interventions (Abstract). Indian Heart Journal Dec. 2000;52(6) 479.
33. T Deb, PC Rath, R Chakraborty, **MK Agarwala**. Immediate Results and Six Months Follow-up After Intracoronary Tenax-Stent Implantation (Abstract).

Indian Heart Journal Dec. 2000;52(6) 513.

34. PC Rath, **MK Agarwala**. Platelet Glycoprotein iib/iiia Receptor Inhibitor therapy in Acute Coronary Syndromes. Medicine update, volume 2, 2001(Association of physicians of India); 550-558.
35. PC Rath, MK Agarwala, PK Dhar et al. Renal Artery Involvement in Patients of Coronary Artery Disease Undergoing Coronary Angiography – A Prospective Study. Journal of Association of Physicians of India Vol. 50 April 2002; 523 – 526.
36. Rath P.C., Agarwala Manoj et al. Carotid artery involvement in Patients of Atherosclerotic coronary artery disease undergoing coronary Bypass grafting. Indian Heart Journal Dec. 2001; 53: 761-765.
37. PC Rath, G. Lakshmi, **MK Agarwala** et al. Carotid artery stenting with Filter Protection. Indian Heart Journal May – June 2003; 55: 241-244.
38. P. Sridhar, PC Rath, **M Agarwala** et al. Impact of Distal Protection Device on the Immediate and Long-Term outcome of Patients Undergoing Angioplasty for Old, Degenerated Saphenous Venous Graft Disease (Abstract) Indian Heart Journal Sept-Oct 2003; 55: 456.
39. **M Agarwala**, PC Rath, S.K Sharma et al. Carotid Artery Stenting: Utility of Cerebral Protection (Abstract) Indian Heart Journal, Sept-Oct 2003; 55: 571.

## RESEARCH

- WISDOM International Registry for evaluation of paclitaxel drug eluting stent 2002 - 2004
- .- International Registry on Intravenous Enoxiparine in the Elective and **primary** Real World of Angioplasty: RIVIERA trial. June 2004 to Feb 2005