

CURRICULUM VITAE

Name: RAMESH K. ADIRAJU, M. D., F.A.C.C.
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Date of birth: December 22, 1959
Education: B.Sc – Bachelor of Science 1977-1980
Secunderabad, India

Family: Married to Renuka Adiraju.

Two children: Daughter Shreya and son Suhaas.

Medical Education:

M.B.B.S. Kasturba Medical College, Mangalore University
Mangalore, Karnataka, India – 6/1980 to 1/1985.
1yr Rotating Internship Gandhi General Hospital Hyderabad, India
April 4, 1985 to April 4, 1986.
1yr Rotating Internship Frankford Hospital, Philadelphia, PA
June 30, 1987 to June 30, 1988.
Residency: Shady Side Hospital, Pittsburgh, PA
(Internal Medicine) July 1, 1988 to June 30, 1990.
Fellowship: General & Interventional Cardiology
Lankenau Hospital, Wynnewood, PA
July 1990 to July 1993.
Certifications: American Board of Internal Medicine
Internal Medicine Certification # 132505 September, 1992.

Cardiology Certification: November, 1995.

Hospital Affiliations: Lower Bucks Hospital, Bristol, PA.

Saint Mary Medical Center, Langhorne, PA

Clinical Practice: RENU-CA Research Institute (Revascularization by Novel Utilization of devices – Clinical Autonomic) Research Institute. (Established by Dr.Adiraju in 2005).

Oxford Valley Cardiology Associates

Langhorne, PA USA.(1993 to 2005).

Clinical Specialties: Clinical cardiology / Internal Medicine

Interventional Cardiology

Endovascular Interventions

Autonomic Disorders

Research / Discoveries:

New approaches to vascular Interventional therapies through novel utilization of devices:

- 1) Cutting Balloon Valvuloplasty for Aortic Valve stenosis. (Published in JACC/Lancet Asia pacific summit-break throughs and controversies in cardiology, Hong Kong, China July 2011).
- 2) Novel approach Complex case presentation Cutting Balloon Aortic Valvuloplasty – TCT2012, Miami, USA.
- 3) Atherectomy for complex bifurcation coronary stenosis. (Featured publication and case presentation at JIM- Joint Interventional Meetings, Feb 2013, Rome Italy).
- 4) Optimal Peripheral vascular revascularization with primary atherectomy and EDPC (Endiastolic Pneumatic Compression boot treatments). (Published in Journal of American College college of Cardiology-Asia Pacific summit publication, July 2011).
- 5) Selective Coil embolization for uncontrolled visceral arterial bleeding (Published SCAI 2012).

Discovery of PPS (Paradoxical Parasympathetic Syndrome) an imbalance in central autonomic system and CICALA (central clinical autonomic loop of Adiraju) and there clinical applications for new approaches in treatment of:

- 1) Novel approaches to evaluation and treatment of Diabetes-II, Cardio-metabolic syndrome Diabetic vasculopathy and nephropathy.

- 2) Systemic vascular inflammation and vascular endothelial dysfunction to prevent restenosis and progression of vascular disease.
- 3) RSD (reflex sympathetic dystrophy) EM (Erythromyalgia)
- 4) CFS (chronic fatigue syndrome), PTSD (post traumatic stress disorder), ADD/ADHD (Attention Deficit disorders)
- 5) Dilated Cardiomyopathies and Idiopathic cardiac arrhythmias including QT prolongation.
- 6) Novel approaches to critical limb ischemia, Diabetic foot and chronic Stasis syndromes for limb salvage through endovascular revascularization and peripheral a-v capillary PITCH tone regulation.

Faculty Positions/Symposiums/Awards:

Director Cardiac Catheterization Lab and Endovascular services,

Lower bucks Hospital, Bristol, PA (1998 to currant)

Consultant/National Proctor IVT TEC device (Extraction Atherectomy) 1997

Faculty Member TCT (Transcatheter CardiovasculaTherapeutics)

1999/2000/2012/2013.

Visiting Faculty ICC (Indian College of Cardiology/Asian Restenosis Summit – 04.

Faculty Interventional Cardiology Symposium -Temple University-2005.

Faculty Fox Hollow Critical Limb Ischemia Summit, Chicago 5/2005.

Recipient American "PATIENTS' CHOICE AWARD" 5yrs Honoree-2008 – 2012.

Inducted to Cambridge WHO's WHO registry 2008-2009.

Recipient American COMPASSIONATE DOCTOR Award 2012.

Investigative Experience/clinical trials:

ESSENCE- Enoxaprin vs. Heparin in unstable angina and non-Q MI (co-investigator)

Tactics-TIMI18 Trial –Merck (Primary Investigator)

Aggrastat in unstable angina and non-Q myocardial infarction

PURSUIT, PRISM-PLUS, CRUSADE Trials (Co-Investigator)

Publications/Abstracts:

Transluminal Extraction Atherectomy for Aorto-saphenous vein graft STENT thrombosis/re-stenosis. (REF: catheterization and Cardiovascular Diagnosis, 38:320-324, 1996

Investigator TEC BEST (TEC before stent in SVG)-II multi center trial 1998.
Poster Presentation-case study-point of view (IVT-peripheral TEC-Transluminal Extraction Catheter system, 1999

Percutaneous Endovascular management of recurrent Angina Pectoris in CABG patients with coronary steal syndrome (Abstract Presentation-American Roentgen Ray Society, 1997).LIMA coil embolization.

Percutaneous Brachial Approach with Step-down technique for vascular intervention (TCT Abstract, 1998#297American Journal of Cardiology)

Immediate Hemostasis using Vasoseal VHD in highly anticoagulated interventional procedures, abstract #260,24th annual scientific meeting-SCIVR (Society of Cardiac Imaging and Vascular Radiology)

Optimal Vascular Site Hemostasis - MYNX poster presentation E-44 SCAI 2011(Society of Cardiac Angiography and Imaging)

Self Expanding STENTS in Renal PTA (TCT Abstract presentation-American Journal of Cardiology, October, 2000)

Optimal Peripheral Vascular Revascularization-Abstract #2(The Lancet/JACC 1st Asia Pacific cardiovascular summit-Break throughs and Controversies, Hong Kong, China July 2011

Percutaneous Cutting Balloon Valvuloplasty-Abstract #3 (The Lancet /JACC 1st Asia pacific cardiovascular summit-Break throughs and Controversies, Hong Kong, china July 2011.

Endovascular Embolization therapy for visceral bleeding (abstract C-007 catheterization cardiovascular interventions SCAI 2012).

ANS Principal Applications - ANS Manuscript-ANS Preliminary Clinical Application of the ANS/RJ1000- Published-Mediterranean Journal of Pacing and Electrophysiology, Vol 3-NIJAN-MAR.2001, 33-34

