

August 24, 2007

## CURRICULUM VITAE

### A. Personal Information:

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Home Phone	(626) 793-7304
Place of Birth	Narasapatnam, Andhra Pradesh, India
Citizenship	U.S.A.
E-Mail Address	sarma@usc.edu
Marital Status	Married
Number of Children	One

### B. Education:

College or University	Andhra University, Visakhapatnam, India, P.P.C., 1961
Medical School	Andhra Medical College, Visakhapatnam, India, M.B.B.S., 1966
Internship	King George Government Hospital (Rotating Medical Internship), Visakhapatnam, India, 1966–1967 King George Government Hospital (Internal Medicine), Visakhapatnam, India, 1967–1968 St. Elizabeth Hospital (Rotating Medical Internship), Elizabeth, NJ, 1968–1969
Residency	Wayne State University Medical Center (Medical Residency), Detroit, MI, 1969–1972
Fellowship	Huntington Memorial Hospital (Cardiology), Pasadena, CA, 1972–1974 LAC+USC Medical Center (Cardiology), Los Angeles, CA, 1974–1975

Honors and Awards

Certificate of Recognition, Outstanding Community Service, California State Senate, Los Angeles, CA 1999  
Certificate of Commendation, Outstanding Community Service, City of Los Angeles, 1998  
Certificate of Special Appreciation, Telugu Association of Southern California, 1998  
Certificate of Appreciation, City of Los Angeles, 1998  
Marqui's Who's Who Publications Board, Directory of Medical Specialists, 1979–1980  
Fellow, American College of Cardiology, 1980–Present  
Fellow, American Heart Association Council on Clinical Cardiology, 1980–Present  
Honorary Faculty Member, Los Angeles Unified School District/King-Drew Medical Magnet, 1984  
Fellow, American College of Chest Physicians, 1985–1990  
Best Teacher Award, Telugu Association of North America Physicians, Primary Care Medicine Update, Thirupati, 1986  
Fellow, American College of Physicians, 1988–Present  
West's Who is Who in Health & Medical Services, 1991  
“Marqui's Who's Who in America” - 58<sup>th</sup> Edition, 2004.

Licensure

California

Board Certification

Internal Medicine, 1977 ( No expiration)  
Cardiovascular Diseases, 1979 ( No expiration)

Educational Commission for Foreign Medical  
Graduates, 1967  
Drug Enforcement Agency licensure, 1974–Present  
Radiography and Fluoroscopy X-ray Supervisor and  
Operator Permit, California, 1974–Present  
Certified Instructor of Advanced Cardiac Life Support  
in Cardiopulmonary Resuscitation, 1977–Present  
Advanced Management Course, USC School of  
Business Administration, 1991  
Certificate in Management Effectiveness, USC School  
of Business Administration, 1991  
Creating the High Performance Organization, USC  
Pain Management and Palliative Care – UCLA  
October 21-22, 2005  
School of Business Administration, 1993  
USC Executive Program, USC School of Business  
Administration, 1994  
Vascular Laboratory Interpretation Course, Society for  
Vascular Technology, 1997  
Informatics for Profiling Physicians, American College  
of Physician Executives, Newport Marriott,  
Newport Beach, CA, 1998  
Principles in Physician Management (online course),  
American College of Physician Executives, 1998

C. Professional Background:

Academic Appointments

Associate Professor of Clinical Medicine, Keck School of Medicine, University of  
Southern California, Los Angeles, CA, 2002–Present  
Clinical Associate Professor of Medicine, Keck School of Medicine, University of  
Southern California, Los Angeles, CA, 1998–2002  
Associate Professor of Clinical Medicine, Keck School of Medicine, University of  
Southern California, Los Angeles, CA, 1987–1996  
Associate Professor of Medicine, Charles R. Drew Postgraduate Medical Center,  
Los Angeles, CA, 1985–1987  
Assistant Professor in Residence, University of California, Los Angeles, CA,  
1981–1987  
Assistant Professor of Medicine, Charles R. Drew Postgraduate Medical Center,  
Los Angeles, CA, 1981-1985  
Assistant Professor of Clinical Medicine, Keck School of Medicine, University of  
Southern California, Los Angeles, CA, 1980–1981  
Assistant Clinical Professor, Keck School of Medicine, University of Southern  
California, 1975–1980

#### Clinical Administrative Appointments

Director of Cardiac Rehabilitation, LAC+USC Medical Center, Los Angeles CA, July 2007 to present.

Associate Director of Echocardiography Laboratory, LAC+USC Medical Center, Los Angeles, CA, 2003–Present

Director of Cardiac Stress Testing Laboratory, LAC+USC Medical Center, Los Angeles, CA, 2003–Present

Medical Director, Critical Care & Vascular Laboratory, Northridge Hospital Medical Center, Northridge, CA, 1997–1998

Medical Director, Cardiology, Northridge Hospital Medical Center, Northridge, CA, 1996–1998

Chief of Medical Enhancement Program, Rancho Los Amigos National Rehabilitation Center, Downey, CA, 1988–1995

Chief of Cardiology, Rancho Los Amigos National Rehabilitation Center, Downey, CA, 1987–1996

Associate Director, Echocardiography Laboratory, Martin Luther King/Drew Medical Center, Los Angeles, CA, 1981–1987

Director, Heart Station, Martin Luther King/Drew Medical Center, Los Angeles, CA, 1981–1987

Director, Noninvasive Cardiac Laboratory, Rancho Los Amigos National Rehabilitation Center, Downey, CA, 1978–1981

#### Specific Teaching Responsibilities:

Lecturer, General Medicine 1, Coronary Heart Disease (CAD), Congestive Heart Failure (CHF), 2004–2006

Lecturer, New Patient Conference – Cardiovascular Medicine, 2004–2005

Lecturer, Stable and Unstable Arrhythmias: Diagnosis and Management, 2004–2006

Lecturer, Internal Medicine Core Curriculum Lecture: Pericardial Diseases, 2003–2006

Lecturer, General Medicine Clerkship curriculum lectures: Introduction to Coronary artery Disease, Introduction to Heart Failure, 2003 - 2006

Lecturer, Year II Medical Student Cardiovascular Medicine Curriculum lectures: Diagnosis of Myocardial Infarction and Ischemia, 2003  
Therapeutic Options in Ischemic Heart Disease, 2003

Lecturer, Physical Examination and Diagnosis of Cardiac Diseases, 2003

Lecturer, Diabetes Grandrounds: Reducing Cardiovascular Risk in Diabetic patients, 2003

Instructor, AHA Policies and Procedures lecture to Instructor candidates, 2003 - 2006

Lecturer, USC Life Support Training, ACLS Provider Course for the new Interns: Stable and Unstable Tachycardias, 2002–2006

Lecturer, USC Life Support Training, ACLS Provider Course: Acute coronary syndromes and Acute stroke cases , 2002–2006

Lecturer, Preoperative Evaluation of patients undergoing Non-Cardiac Surgery, 2003

Lecturer, Evaluation and management of Syncope, 2003

Lecturer, Echocardiographic seminars for the continuing education of cardiologists and echo technicians, 1988-1996

Lecturer, Mini-seminar on electrocardiography, 1983

Lecturer, Exercise testing: Frontiers in Cardiac Rehabilitation III, 1979

Lecturer, Exercise Testing: Seminar and work shops, Frontiers in Cardiac Rehabilitation II, 1978

Lecturer, Several Advanced Cardiac Life Support courses at various hospitals, 1977–2000.

Physician postgraduate training:

Echocardiography Training. Interpretation of echocardiograms, perform bedside echocardiograms for emergency decisions, perform transesophageal echocardiograms and stress echocardiograms, 2000-Present.

Stress testing: Provide training to internal medicine residents interested in performing and interpret the stress tests. Train the cardiology fellows in the methods of stress testing and interpretation of the stress tests. 2000 – Present.

Clinical management and decision making for ambulatory cardiology clinic patients; routine general anticoagulation as well as for the patients with heart valve prostheses, 2000-Present

General supervision of the cardiology fellows in providing appropriate consultations in the emergency room, chest pain unit, and on the medical surgical wards, 2000-Present

Introduction to cardiac Rehabilitation: concepts and training in the new Cardiac Rehabilitation clinic: Started July 2007....to continue.

Specific Administrative Responsibilities

Director of Cardiac Rehabilitation, LAC+USC Medical Center, Los Angeles CA, July 2007 to present.

Associate Director, Echocardiography Lab, LAC+USC Medical Center, Los Angeles, CA, 2003 to Present.

Director, Cardiac Exercise Lab, LAC+USC Medical Center, Los Angeles, CA, 2003–Present

Other Employment or Activity

Lectured on Reduction of cardiovascular risk in Type 2 Diabetes and use of TZds at several dinner meetings sponsored by Pharmaceutical companies. 2004 to present.

Lectured on the antibiotic Cubicin and the new indication for endocarditis sponsored by the Cubist pharmaceutical company 2006.

Lectured on “Diabetes and cardiovascular disease- reducing the risk” using ACE inhibitors at several Pharmaceutical company sponsored dinner meetings for the local physicians and physicians from department of Medicine 2003-2004.

Visiting faculty, KG Hospital, Coimbatore, India, 2001  
Supervising Physician, Cardiology Clinic at Roybal CHC, Los Angeles, CA,  
1999–2002  
Supervisor, Anticoagulation Clinic, H. Claude Hudson CHC, Los Angeles, CA,  
1999–2000  
Attending Physician, Division of Cardiology, LAC+USC Medical Center, Los  
Angeles, CA, 1998–2002  
Staff Cardiologist, USC University Hospital, Los Angeles, CA, 1994–1996  
Attending Physician, LAC+USC Medical Center, Los Angeles, CA, 1987–1996  
Staff Physician, Cardiology Department, City of Hope National Medical Center,  
Duarte, CA, 1977–1978  
Staff Physician, Cardiology Department, LAC+USC Medical Center, Los  
Angeles, CA, 1975–1977  
Conducted Health Fairs, Martin Luther King/Drew Medical Center, Los Angeles,  
CA, 1983-1984  
Conducted monthly echocardiography meetings, Northridge Hospital Medical  
Center, Northridge, CA, 1997-1998

D. Society Memberships:

Professional

American Heart Association, Greater Los Angeles Affiliate, 1974–Present  
American Federation for Clinical Research, 1975–1996  
American Society of Echocardiography, 1979–Present  
Los Angeles Society of Echocardiography, 1979–Present  
American College of Cardiology, **FACC** (Member ID # 392807): 1980–Present  
American Heart Association, **FAHA** (member ID # 1428219) Council on  
Clinical Cardiology, 1980–Present  
American Medical Association, 1982–1984  
American College of Chest Physicians, 1985–1990  
International Society for Heart Transplantation, 1985–1997  
Association of County Physicians, 1987–1996  
Clinicians for Health Care Equality, 1988  
American Association of CardioVascular and Pulmonary Rehab., 1988–1994  
American College of Physicians, **FACP** (Member ID # 00011010). 1988–Present  
American College of Cardiology, California Chapter, 1992–Present  
Salerni Collegium, University of Southern California, 1992–Present  
American Autonomic Society, 1994–1995  
American College of Physician Executives, 1994–1998  
Society for Vascular Technology, 1998–1999  
Society for Cardiovascular Magnetic Resonance, 2003 to present

E. Service:

Professional Organizations

National/International

Regional Faculty, Western Affiliates, American Heart Association, 1997–Present.

Local

Outcomes/Data Base Committee, California Chapter, American College of Cardiology, 1996–2000

ECC Task Force, Regional Faculty, Western Affiliates, American Heart Association, 1997–Present

Board Member, Tri-Valley Indian Medical Association, 1998

Emergency Cardiac Care Task Force, Greater Los Angeles Affiliate, American Heart Association, 1998–2002

Webmaster for the chapter news magazine, California Chapter, American College of Cardiology, 2001–2005

University/Other Committees

Chair, Cardiac Arrest and CPR Committee, Martin Luther King/Drew Medical Center, 1982–1987

Quality Assurance Committee, LAC+King Drew Medical Center, 1982–1987

Chancellor's Advisory Committee on the Status of Women, University of California at Los Angeles, 1985–1987

Critical Care Committee, Rancho Los Amigos National Rehabilitation Center 1987–1996

Los Amigos Research Committee, Rancho Los Amigos National Rehabilitation Center, 1988–1996

Affirmative Action Committee, Rancho Los Amigos National Rehabilitation Center, 1989–1990

Patient Welfare Fund Association, Rancho Los Amigos National Rehabilitation Center, 1989–1990

University Faculty Medical Women, University of Southern California, 1989–1990

Pharmacy and Therapeutics Committee, Rancho Los Amigos National Rehabilitation Center, 1990–1995

Chair, CPR Sub-Committee to Critical Care Committee, Rancho Los Amigos National Rehabilitation Center, 1992–1996

Chair, DUE Sub-Committee to P&T Committee, Rancho Los Amigos National Rehabilitation Center, 1992–1995

Chair, Critical Care Committee, Rancho Los Amigos National Rehabilitation Center, 1995–1996

Cardiology/Cardiovascular Committee, Northridge Hospital Medical Center, 1996–1998

Interdisciplinary Committee, LAC+USC Medical Center, 1996–1998

Medicine Department Committee, Northridge Hospital Medical Center, 1996–1998

Process Improvement Team, Cardiology, LAC+USC Medical Center, 1997–1999  
Member, GCRC committee, LAC+USC Medical Center, 2003 – Present  
Member, MFA, Keck School of Medicine, 2004 – Present

#### Editorships

Consultant, Western Medical Review, 1988–1992

#### Editorial Boards

Internal Medicine for the Specialist  
Internal Medicine World Report  
Practical Cardiology

#### Journal Reviews

Journal of Electrocardiology, 1987–1996  
Heart Journal, 2004–2006

#### Grant Reviews

AHA Greater Los Angeles – Fellowship Study Section Nov. 1983  
AHA Los Angeles Research Committee: Served as a committee member 1994-1995

#### Community Service

Participated in organizing, Festival of India, South Pasadena Public Library, 1986 to introduce Indian Art, Music, Dance and Foods of India to the local community.  
Received a Certificate of Appreciation and a slide projector for the hospital, from the Exchange Club of Downey, 1988  
Vice-President, Telugu Association of Southern California, 1993–1995  
President, Telugu Association of Southern California, 1995–1996  
V.P. Planning, Federation of Indo-Am. Assoc. of So. California, 1996–1997  
Co-Coordinator, 11<sup>th</sup> Conference, Telugu Association of North America, Anaheim, CA, 7/3/1997–7/5/1997.  
World Affairs Council, 1998  
Co-sponsor, International Conference on Vedic and Ancient Indian Civilization, 1998  
Participated in several cultural functions and Health Fairs, Lotus Festival, City of Los Angeles, 1998–2000  
Co-Chair, Asian Indian Network & Advocacy, 1998–Present.  
ATA 9<sup>th</sup> conference – CME Program chair. December 2005 to July 2, 2006.

#### Other

##### **Symposia Organized**

1. “Coronary risk factors—How to manage in 1989”, One Day Seminar, Professional Staff Association, Rancho Los Amigos Medical Center, Long Beach, CA, on 11/5/1988.

2. Chair for the CME program during the 9<sup>th</sup> ATA Conference and CME program presented by the Office of Continuing Medical Education, Keck School of Medicine of the University of Southern California (USC) and the American Telugu Association (ATA); at the Long Beach Convention Center, Long Beach CA, on **July 2, 2006**.

#### **Sessions Chaired**

Abstract Review and Selection, Young Investigators Forum, Greater Los Angeles Affiliate, American Heart Association, 9/9/1987.

Pharmacologic Stress Testing. Panel Chair, 60<sup>th</sup> Annual Fall Symposium, Greater Los Angeles Affiliate, American Heart Association, 9/10/1992.

#### **Consultantships**

Consultant, Western Medical Review, 1988–1992

Consultant, Carvedilol, Smith Kline and Beacham, 1998–Present

Consultant, Coumadin, Dupont Pharmaceuticals, 1998–1999

Consultant, Bristol Myers Squibb for Definity an Echocontrast agent, 2004–Present

Consultant, Baxter Pharmaceuticals for Brevibloc, 2004–Present

Speaker for Wyeth/King pharmaceuticals 2000 - Present

Speaker for Takeda Pharmaceuticals 2003 - Present

Speaker for Cubist Pharmaceutical company 2005 - Present

#### **Other**

Judge, Young Investigators Forum, Greater Los Angeles Affiliate, American Heart Association, 9/9/1987.

Judge, Laverna Titus Young Investigators Forum, Greater Los Angeles Affiliate, American Heart Association, 5/15/1992.

#### **F. Research Activities:**

##### **Major Areas of Research Interest.**

Cardiac imaging by echocardiography. Stress testing. Infective endocarditis. Prosthetic cardiac valves.

##### **Research in Progress**

1. Cardiovascular disease in Type 2 Diabetes; follow-up on disease progression using coronary angiography and intravascular ultrasound. (PERISCOPE)
2. study evaluating the intensive diabetes management vs Diabetes education and followup. (LOOK AHEAD)
3. Hypertension study comparing ACE inhibitor Benazepril to Amlodipine. (ACCOMPLISH)
4. Study of a new antiplatelet agent in Acute Coronary Syndrome: Sponsored by Astrazeneca (PLATO)

Research Grants

1. Writing a competency based exercise testing manual, 68278-0, University of California at Los Angeles, 1980 \$ 12,000 TDC
2. Mexiletine vs. pronestyl: a double blind randomized study, Boehringer-Ingelheim, Co-Principle Investigator, 1980–1981 \$ 12,000 TDC
3. Exercise Training and effect of Beta blockers, Grants In Aid award, Greater Los Angeles Affiliate, American Heart Association, Principal Investigator, 1980–1982 \$ 37,720 TDC
4. Biomedical Research Support Grant (BRSO), Equipment Grant, Drew School, Principal Investigator, 1981 \$ 17,000 TDC
5. Caffeine study, BRSO Extension, Drew School, Principal Investigator, 1982 \$ 5,000 TDC
6. Effect of caffeine on exercise testing, Student Research Program, Greater Los Angeles Affiliate, American Heart Association, Mentor, 1982 \$1,000 TDC
7. Dipyridamole infusion and thallium imaging of the heart to detect coronary artery disease, Boehringer-Ingelheim Pharmaceuticals, Co-Principle Investigator, 1983 \$12,000 TDC
8. Evaluation of safety and efficacy of AI-27303 in angina, Ayerst Laboratories, Principle Investigator, 1984 \$15,364 TDC
9. Safety of AI-27303 alone or in combination with nifedipine in angina, Ayerst Laboratories, Principle Investigator, 1985 \$21,000 TDC
10. Evaluation of efficacy and safety of inderal phase dose in mild to moderate hypertension, Ayerst Laboratories, Principle Investigator, 1987–1988 \$14,000 TDC
11. Computer to quantitate echocardiograms, Equipment Grant, Los Floristas Fund, Principal Investigator, 1988 \$28,000 TDC
12. Ambulatory blood pressure monitor, Equipment Grant, Rancho Foundation, Principal Investigator, 1989 \$6,000 TDC
13. Develop computer-based cardiac auto-nomic testing, Equipment Grant, Rancho Foundation, Principal Investigator, 1990 \$10,150 TDC
14. A double-blind comparison of nicardipine and captopril in hypertension with L.V. dysfunction, Syntex Lab Inc., Principle Investigator, 1990 \$11,175 TDC

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| 15. | Multicenter trial of short-course IV vs. IV/PO combination antimicrobials in the treatment of right sided staph aureus endocarditis in IV drug users, Miles Laboratories and San Francisco General Hospital, Co-Principle Investigator, 1990–1993 | \$15,000 TDC                         |
| 16. | Research in exercise testing in spinal cord injury, Student Research Program, American Heart Association, Mentor, 1991  | \$2,500 TDC<br>each for two students |
| 17. | Lisinopril and hydrochlorothiazide in essential hypertension: effects on left ventricular structure and function, ICI Pharmaceuticals, Principle Investigator, 1991–1994  | \$30,000 TDC                         |
| 18. | Trial to evaluate the effect of digitalis on mortality in heart failure, DIG (Digitalis Investigation Group) U.S., National Heart, Lung and Blood Institute, and the Dept. of V.A. Cooperative Studies Program, Principle Investigator, 1991–1995 | \$14,968 TDC                         |
| 19. | LOSARTAN study, Merck Shorp Dhome, Co-Principle Investigator, 1992–1993   | \$36,000 TDC                         |
| 20. | Assessment of Treatment with Lisinopril and Survival (ATLAS), ICI Pharmaceutical Group, Co-Principle Investigator, 1993   | \$22,337.50 TDC                      |
| 21. | Double-blind randomized placebo controlled dose ranging evaluation of the safety and efficacy of fantofarone (SR33557) in patients with chronic stable angina pectoris, Innovex and Sanofi, Principle Investigator, 1993–1994                     | \$8,670 TDC                          |
| 22. | Heart Outcomes Prevention Evaluation (HOPE) trial, Canadian Cardiovascular Collaboration, Principle Investigator, 1993–1998   | \$5,650 TDC                          |
| 23. | Accupril Congestive Heart Failure Investigation and Economic Variable Evaluation (ACHIEVE ), Parke Davis Company, Principle Investigator, 1994  | \$4,850 TDC                          |
| 24. | Cardiovascular effects of ozone, Air Research Board of California, Co-Principle Investigator, 1994–1995   | \$247,000 TDC                        |
| 25. | American College of Cardiology Evaluation of Preventive Therapeutics (ACCEPT), American College of Cardiology, Principle Investigator, 1996–1997  | \$5,000 TDC                          |
| 26. | Antihypertensive and Lipid Lowering in preventing Heart Attack Trial (ALLHAT), National Heart, Lung and Blood Institute and the University of Texas, Principle Investigator, 1996–2002  | \$25,675 TDC                         |

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27. The International Verapamil SR/Trandolapril (INVEST) study, Knoll AG Research & Development Clinical Cardiology and the University of Florida College of Medicine Health Center, Principle Investigator, 1998 \$3050 TDC
28. Assessment of the Safety and Efficacy of a New Thrombolytic agent (ASSENT II), Boehringer Ingelheim, Principle Investigator, 1998 \$550 TDC  
A phase III randomized (1:1), open label, parallel group, international trial of single bolus TNK tissue Plasminogen Activator (t-PA) versus accelerated infusion of rt-PA alteplase (Activase) in acute myocardial infarction. Conducted by Duke Clinical Research Institute.
29. PERISCOPE Trial. A double-blind, randomized, comparator- controlled study in subjects with type 2 diabetes mellitus comparing the effects of Pioglitazone HCI versus Glimepiride on the rate of progression of coronary atherosclerotic disease as measure by intravascular ultrasound, Takeda Pharmaceuticals of North America, Principal Investigator, 2004 \$22,000 per patient and 10 Patients to be studied at LACUSC Total \$ 220,000.
30. ACCOMPLISH Trial. (“**A**voiding **C**ardiovascular Events Through **COM** bination Therapy in **P**atients **L**iving with **S**ystolic **H**ypertension”), entitled “A prospective, multinational, multicenter, double-blind, randomized, active-controlled trial to compare the effects of Lotrel (amlodipine/benazepril) to benazepril and hydrochlorothiazide combined on the reduction of cardiovascular morbidity and mortality in patients with high risk hypertension. Sponsored by Novartis, Principal Investigator \$98,000 TDC
31. LOOKAHEAD Study. Anne Peters, Ruchi Mathur, Elizabeth Demetriades, Radha Sarma Principal Investigators. Study sponsored by National Institute of Diabetes, Digestive and Kidney Diseases. \$1,076,988.00
32. PLATO- Pivotal AZD8140 Phase 3 trial; comparison of AZD6140 to clopidogrel in non-ST and ST ACS patients. Radha Sarma, Anil Mehra Principal investigators. Sponsored by AstraZeneca. Study approved by IRB 2007. \$ 90,000+

- 33      WARCEF: Warfarin vs. Aspirin in Reduced Cardiac Ejection Fraction. Sponsored by National Institute of Neurological Disorders and Stroke administered from Columbia University. Principal investigator.      Contract being TDC obtained by HRA
- 34      Carotid Plaque Composition by MRI during Lipid-Lowering: Co-PI, Principal Investigator is Dr. Patrick Colletti
- 35.

Miscellaneous grants:

**\*\*Grants received by USC Keck School of Medicine for the ATA conference held 7/2/06**

Takeda	\$ 5,000
Wyeth	\$10,000
Exhibitors:	
AstraZeneca	\$1,000
Novartis	\$2,000
<b>Total</b>	<b>\$ 18,000.00</b>

Invited Lectures:

International

Lectures on Coronary Heart Disease (CAD), Congestive Heart Failure (CHF), Cardiopulmonary Resuscitation (CPR), EKG Interpretation Workshop.

Primary Care Update 1987, Telugu Association of North America Physicians (TANA) Conference, Nizam's Institute of Medical Sciences, Government of Andhra Pradesh, India, Thirupathi, India, 1/8/1987-1/10/1987.

Evaluation and Management of Acute Coronary Syndromes in the Emergency Room, 3<sup>rd</sup> Annual National Conference on Emergency Medicine and Disaster Management (EMCRON), K.G. Hospital, Coimbatore, India, 5/2001.

Other

- Non-invasive diagnosis of cardiac trauma. 4<sup>th</sup> Annual Trauma Seminar, Department of Emergency Medicine, King Drew Medical Center, Anaheim, CA, 6/23/2004–6/24/2004.
- Survey of implantable cardiac devices. 16<sup>th</sup> Annual State of the Heart Symposium, Beverly Hospital, Los Angeles, CA, 5/5/1995.
- Risk reduction in diabetic cardiac patients. Diabetes and Endocrinology Grand Rounds, USC Keck School of Medicine, 6/24/2003.
- As part of the national **Speaker's Bureau for Takeda Pharmaceutical Company of North America (TPNA)** gave several lectures to the community physicians in California. 2004 to 2007.
- As part of the **speakers bureau for Wyeth – King Pharmaceutical company** gave several lectures to the community physicians in California 2004 to 2007.

H. Bibliography:

Peer Reviewed

1. Ishikawa K, **Sarma RJ**, Getzen J, McNair J, Cosby R, Buggs H, Johnson J, Bing RJ: Reduction of myocardial contractility by 100% oxygen in patients with coronary disease. *Proc Soc Exp Biol Med* 145:99–102, 1974.
2. **Sarma RJ**, Ishikawa K, Getzen J, McNair J, Buggs H, Johnson JL, Bing RJ: Comparison of the invasive and non-invasive measurements in coronary artery disease. *Cardiology* 59:114–122, 1974.
3. Ishikawa K, Buggs H, **Sarma RJ**, Tillmans H, Fauvel J, Getzen J, Johnson JL, Bing RJ: Blood flow velocity in the carotid artery as a measure of myocardial contractility. *Jpn Heart J* 1:22–35, 1975.
4. **Sarma RJ**, Prickett C, Johnson JL: Assessment of clinical laboratory techniques in the measurement of oxygen saturation in whole blood. *Angiology* 27:502–508, 1976.
5. Yoganathan A, Gupta R, Udawadia F, Corcoran W, **Sarma RJ**, Bing RJ: Use of the fast fourier transform in the frequency analysis of the second heart sound in normal man. *Medical and Biological Engineering* 14:445–460, 1976.
6. Yoganathan A, Gupta R, Udawadia F, Miller J, Corcoran W, **Sarma RJ**, Johnson JL, Bing RJ: Use of the fast fourier transformation for the frequency analysis of the first heart sound in normal man. *Medical and Biological Engineering* 14:69–73, 1976.
7. **Sarma RJ**, Roschke EJ, Harrison EC, Edmiston WA, Lau FYK: Clinical experience with the Smeloff-Cutter aortic valve prosthesis: An 8-year follow-up study. *Am J Cardiol* 40:241–247, 1977. Reprinted in *Journal of Continuing Education in Cardiology* 13:35, 1978.
8. Edmiston WA, Harrison EC, Batista E, **Sarma RJ**, Kay JH, Lau FYK: Clinical experience with the Kay-Shiley mitral valve prosthesis: an 11-year follow-up study. *Scand J Thorac Cardiovasc Surg* 4:241–247, 1980.

9. Eisenstein I, Edelstein J, **Sarma RJ**, San Marco ME, Selvester R: The electrocardiogram in obesity. *J Electrocardiol* 15:115–118, 1982.
10. Sapico FL, **Sarma RJ**: Infective endocarditis due to anaerobic and microaerophilic bacteria. *West J Med* 137:18–23, 1982.
11. **Sarma RJ**, San Marco ME: Reversal of exercise-induced hemodynamic and electrocardiographic abnormalities after coronary artery bypass surgery. *Circulation* 65:684–689, 1982.
12. Cacho A, Prakash R, **Sarma RJ**, Kaushik VS: Usefulness of two dimensional echocardiography in diagnosing right ventricular hypertrophy. *Chest* 84:154–157, 1983.
13. **Sarma RJ**, Prakash R, Kaushik VS, Oparah SS, Mandal A: Reliability of two-dimensional echocardiography in diagnosing fungal endocarditis. *Clin Cardiol* 6:37–40, 1983.
14. Sarma JSM, Bhandari AK, Bilitch M, **Sarma RJ**: Stimulators for cardiac electrophysiologic studies: a product review. *Clinical Progress in Pacing and Electrophysiology* 2:373–383, 1984.
15. Sarma JSM, **Sarma RJ**, Bilitch M, Katz D, Song SL: An exponential formula for heart rate dependence of QT interval during exercise and cardiac pacing in humans. Reevaluation of Bazett's formula. *Am J Cardiol* 54:103–108, 1984.
16. **Sarma RJ**, Prakash R, Mandal A, Fleming AW: Detection and accurate localization of an intra-cardiac bullet and a pellet by echocardiography. *Echocardiography* 4:161–165, 1987.
17. **Sarma RJ**, Leaf DA, Bahl RA: Does acute caffeine affect exercise testing? *J Cardiopulm Rehabil* 9:460–464, 1989.
18. Putcha CS, **Sarma RJ**: Probabilistic analysis of the left ventricular mass. *Modeling and Stimulation* 21:119–124, 1990.
19. **Sarma RJ**, Putcha CS, Luzzi JM: Probabilistic analysis of left ventricular mass in systole and diastole. *Proceedings of ISUMA 1990* 6:13–18, 1990.
20. **Sarma RJ**, Stewart CA, Gilgoff I: Management of cardiovascular complications in Duchenne's Muscular Dystrophy. *Journal of Neurological Rehabilitation* 6:113–119, 1992.
21. Ishikawa Y, Bach JR, **Sarma RJ**, Tamura T, Song J, Marra SW, Ishikawa Y, Minami R: Cardiovascular considerations in the management of neuromuscular disease. *Semin Neurol* 15:93–108, 1995.
22. Sapico F, Liqueste J, **Sarma RJ**: Bone and joint infections in patients with infective endocarditis: Review of a 4-year experience. *Clin Infect Dis* 22:783–787, 1996.
23. **Sarma RJ**, DIG Investigators Group: Rationale, design, implementation and baseline characteristics of patients in the DIG trial: a large, simple, long-term trial to evaluate the effect of digitalis on mortality in heart failure. *Control Clin Trials* 17:77–97, 1996.

24. Philbin EF, Garg R, Danisa K, Denny DM, Gosselin G, Hassapoyannes CA, Horney A, Johnstone DE, Lang RM, Ramanathan K, Safford RE, **Sarma RJ**, Weiss R, Williford W, Fleg JL, DIG Investigation Group: The relationship between cardiothoracic ratio and left ventricular ejection fraction in congestive heart failure. *Arch Intern Med* 158:501–506, 1998.
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26. A Hameed, MW Akhter, F Bitar, SA Khan, **R Sarma**, TM Goodwin, U Elkayam : Left atrial thrombosis in pregnant women with mitral stenosis and sinus rhythm. *Am J Obstet Gynecol.* 193(2):501-4, 2005.
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Miscellany

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34. Motallebi M, Singh Rp, **Sarma RJ**, Ostrzega E: An unusual case of pacemaker lead infection. Is there a role for endocarditis prophylaxis? Annual Meeting, ACP-ASIM Southern California Region II Poster Competition, San Diego, CA, 10/25/2003– 10/26/2003. (Awarded certificate of merit and invited to present at the Region I meeting March 2004)
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36. Milani K, **Sarma R**, Ruelaz R, Darbinian S, Nuno I: Acute post myocardial infarction ventricular septal defect; Abstract accepted for presentation at the 1<sup>st</sup> Annual AMA-RFS Research Poster Symposium, Atlanta, GA, to be held on 12/3/2004.
37. Mazen Nouredin, MD; Karim El-Sherief, MD; Jerold Shinbane, MD, FACC; Radha Sarma, MD, FACP, FACC; Mikko Helenius, MD. Keck School of Medicine, University of Southern California; 69 Year Old With Congenitally Corrected Transposition Of The Great Arteries With Large Secundum Atrial Septal Defect Undergoes Successful Hip Surgery. Poster was presented at the ACP Regional meeting at the Waterfront Hilton Hotel in Huntington Beach CA on **October 21, 2006**

#### Panels

1. Exercise testing. Fall Symposium, Greater Los Angeles Affiliate, American Heart Association, Los Angeles, CA, 9/1983.
2. Fellowship study section, Greater Los Angeles Affiliate, American Heart Association, Los Angeles, CA, 11/1983.
3. Echocardiography and doppler echocardiography. Fall Symposium, Greater Los Angeles Affiliate, American Heart Association, Los Angeles, CA, 9/1984.
4. Cardiac transplantation—selection and work-up of prospective candidates. Meeting, National Medical Association, Las Vegas, NV, 7/1985.

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