

---

# CHANDRASHEKHAR RAMAIAH, M.D.

---

UNIVERSITY OF KENTUCKY COLLEGE OF MEDICINE  
DEPARTMENT OF SURGERY  
DIVISION OF CARDIOTHORACIC SURGERY

## *Curriculum Vitae*

### **PERSONAL DATA:**

#### **Office Address:**

University of Kentucky  
Department of Surgery  
Division of Cardiothoracic Surgery  
740 South Limestone, Room A301  
Lexington, KY 40536-0284

#### **Office Telephone and FAX:**

859-323-6494  
859-257-4682 (FAX)

### **UNDERGRADUATE EDUCATION:**

1982 – 1984

Municipal College  
Chikkaballapur, India

### **PROFESSIONAL EDUCATION:**

1984-1989

M.B.B.S.

Bangalore Medical College,  
Bangalore, India

1989-1990

Rotating House  
Surgeon

Bangalore Medical College  
Bangalore, India

1991

Resident

All India Institute of Medical  
Sciences, New Delhi, India

1993-1999

Resident

General Surgery, University of  
Kentucky, College of Medicine  
Lexington, KY 40536

1999-2001 Fellowship CT Surgery, New England Medical Center, Department of Surgery Boston, MA

**BOARD CERTIFICATION:**

2001 American Board of Thoracic Surgery

2000 American Board of Surgery

**Other Certifications:**

1993 FLEX

1993 ECFMG

**LICENSURE:**

1998 Kentucky # 32138 (expires 2009)

**HOSPITAL PRIVILEGES:**

University of Kentucky Medical Center  
800 Rose Street  
Lexington, KY 40536

Veteran's Administration Medical Center  
Cooper Drive  
Lexington, KY 40536

Marymount Medical Center  
310 East Ninth Street  
London, KY 40741

**HOSPITAL PRIVILEGES (Cont.):**

Central Baptist Hospital  
1704 Nicholasville Road  
Lexington, KY 40503

St. Joseph Hospital  
One St. Joseph Drive

Lexington, KY 40504

Samaritan Hospital  
310 South Limestone  
Lexington KY 40508

**PRESENT POSITION:**

**Associate Professor**, Division of Cardiothoracic Surgery,  
**Director, Minimally Invasive Cardiac Surgery,**  
**Director, Heart Transplant Program**  
University of Kentucky Medical Center, Lexington, KY

**AWARDS/HONORS:**

1982-1984	Government of India National Merit Scholarship
1986-1988	Magazine Secretary, Editor of School Bulletin
1986-1988	Class Representative, Student Congress
1984-1989	Jindal Trust Merit Scholarship
1998-1999	Administrative Chief Resident
1999	97 <sup>th</sup> Percentile General surgery
1999	Resident of the Month
2006	2006 national Leadership Award The national Republican Congressional Committee

**PROFESSIONAL MEMBERSHIPS:**

1995 - 2003	American Medical Association
-------------	------------------------------

**PROFESSIONAL MEMBERSHIPS (Cont.):**

1997	CTSNET
1999 - 2003	American College of Chest Physicians

2003 - Present	Fellow International College of Surgeons
2003 - Present	Society of Thoracic Surgeons
February, 2004 - Present	International Society of Minimally Invasive Cardiothoracic Surgery
January, 2004 - Present	International Society for Heart and Lung Transplantation
August 2004 – 2006	International College of Angiology
January, 2004 – December 2004	Vice Regent for the State of Kentucky International College of Surgeons
December, 2004 – Present	American Heart Association Council on Basic Science
January, 2005 – December, 2005	Vice Regent International College of Surgeons
November 1, 2005 –February 28, 2006	UNOS Region 11 Heart Review Board
March, 2006 – Present	Regent International College of Surgeons
November 1, 2006 –February 28, 2007	UNOS Region 11 Heart Review Board
January, 2007 – December, 2007	Assistant Secretary International College of Surgeons
January, 2007 – December, 2007	Territorial Regent International College of Surgeons
January, 2009 – January, 2010	Vice President International College of Surgeons

**COMMITTEES:**

Member, Transfusion Committee, Lexington VA Medical Center

Member, Minimally Invasive Surgery Study group, University of Kentucky



A Multicenter, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled Study of 2 mg/kg Bolus Plus 24-hour 0.5 mg/kg/hr Infusion Pexelizumab in Patients Undergoing Coronary Artery Bypass Grafting with Cardiopulmonary Bypass, (3046824100), Procter & Gamble Company, \$117,429.00

Study A014: A Pilot, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate Nesiritide Infusion, Initiated Post-Induction of Anesthesia, in the Mgmt of CABG Patients Requiring CPB, (467719), Scios Nova Inc, \$104,781.00 (*transferred from Dr. Mentzer as PI*).

Evaluation of the Topical hemostatic Efficacy and Safety of Fibrin Sealant Vapor heated, Solvent/Detergent Treated Compared with Currently Licensed TISSEEL VH Fibrin Sealant in Subjects Undergoing Cardiac Surgery, (466534), Baxter Healthcare Co, \$63,615.00 (*transferred from Dr. Mentzer as PI*).

***Sub Investigator:***

Surgical Treatment for Ischemic Heart Failure (STICH), (3046736600), Duke University Medical Center, \$150.00

Protocol EX-2053-001: A Double-Blind, Placebo-Controlled, Multicenter, Dose-Ranging Study of an Anti-T Lymphocyte Immune Globulin (EZ-2053) in the Prophylaxis of Acute Pulmonary Allograft Rejection in Adult Recipients of Primary, (3046871800), Enzon Inc, \$57,678.00

Future Revascularization Evaluation in Patients With Diabetes Mellitus: Optimal Management of Multivessel Disease (FREEDOM)

Clopidogrel Administration Following OPCAB Surgery (Fellowship), (466872), Society of Critical Care Medicine, \$30,000.00, Adjustment

A Double-Blind, Placebo-Controlled, Multinational Trial to Investigate the Effect of IV Treatment with the NA<sup>+</sup>/H<sup>+</sup> Exchange Inhibitor Cariporide (HOE642) on All-Cause Mortality and Non-Fatal Myocardial Infarction in Patients. Sept, 2001 – Sept, 2002; \$27,450

**PUBLICATIONS:**

Prasad MR, **Ramaiah C**, McIntosh TK, Dempsey RJ, Hipkens S, Yurek D. Regional levels of lactate and norepinephrine after experimental brain injury. *Journal of Neurochemistry*; 63(3): 1086-94. September, 1994.

**PUBLICATIONS (Cont.):**

Flynn JD, Pajoumand M, Camp PC, Jahania SA, **Ramaiah C**, Akers WS. Recombinant Factor VIIa for Refractory Bleeding Following Orthotopic Heart Transplantation. *Ann Pharmacother* 2004;38:1639-1642.

Flynn JD, Camp PC, Jahania SA, **Ramaiah C**, Akers WS. Successful Treatment of Life Threatening Bleeding following Bridging from Acute-to-Chronic Left Ventricular Assist Device Support with Recombinant Activated Factor VII (rFVIIa). *ASAIO* 2004;50(5): 519-21.

**Ramaiah C.**, Three Types of Cardiac Tumors with Three Different Presentations: Case Reports. *International Surgery*. 2005;90(3):184.

Felix K. Yam, PharmD, Wendell S. Akers, PharmD, Victor A. Ferraris, M.D., PhD., Kelly Smith, PharmD, **Chand Ramaiah, M.D.**, Phillip Camp, M.D., and Jeremy D. Flynn, PharmD. Interventions to improve guideline compliance following coronary artery bypass grafting. Accepted for publication May 18, 2006. doi:10.1016/j.surg.2006.05.014.

Hatton KW, Kilinski LC, **Ramaiah C**, Schell RM. Multiple failed external defibrillation attempts during robot-assisted internal mammary harvest for myocardial revascularization. *Anesth Analg*. 2006 Nov;103(5):1113-4. PMID: 17056941 [PubMed-indexed for MEDLINE].

Yam FK, Akers WS, Ferraris VA, Smith K, **Ramaiah C**, Camp P, Flynn JD. Interventions to improve guideline compliance following coronary artery bypass grafting. *Surgery*. 2006 Oct;140(4):541-7; discussion 547-52. Epub 2006 Sep 6. PMID: 17011901 [PubMed-indexed for MEDLINE]

**Ramaiah C**, Mentzer R. Esophageal Perforation and Acute Mediastinitis (Book Chapter *IRWIN AND RIPPE'S INTENSIVE CARE MEDICINE (6<sup>TH</sup> edition)*) Publication 2008, chapter 151, (pages 1735-1739)

**PRESENTATIONS:**

Prasad MR, **Ramaiah C**, Kraemer P, Scheff S, Baldwin SA, Dempsey R. Neurological functions after lateral cortical-impact brain injury in rats. 11<sup>th</sup> Annual meeting Neurotrauma Society, November, 1993.

Prasad MR, **Ramaiah C**, Dempsey R, Yurek D. Regional levels of lactate and norepinephrine after cortical-impact brain injury in rats. 11<sup>th</sup> Annual meeting Neurotrauma Society, November, 1993.

**PRESENTATIONS (Cont.):**

Prasad MR, **Ramaiah C**, Donaldson D, Hu Y, Dempsey R. Accumulation of free fatty acids and edema formation in focal ischemia. Society for Neuroscience Annual Meeting, November, 1993.

**Ramaiah C**, Sekela ME, Burkey N. Contralateral pneumonectomy after single lung transplantation for recurrent pneumothorax: successful management of post-pneumonectomy bronchopleural fistula. Annual Meeting of Kentucky Thoracic Society, March, 1994.

**Ramaiah C.** “Emerging Techniques in Conduit Harvest for Coronary Artery Bypass Surgery”, 46<sup>th</sup> Annual World Congress International College of Angiology, Lexington, KY, July 13, 2004

**Ramaiah C.** “Coronary Bypass in Liver Transplant Candidates”, International College of Surgeons 66<sup>th</sup> Annual Surgical Update, Alaska, July 18, 2004

**Ramaiah C.** “Three Types of Cardiac Tumors with Three Different Presentations: Case Reports”, International College of Surgeons 39<sup>th</sup> North American Federation Congress, Acapulco, June 17, 2005

**Ramaiah C.** “Robotic Cardiac Surgery: Is it the Future?”, American College of Cardiology Annual Meeting, Lexington, KY, October 8, 2005

**Ramaiah C.** “Minimally Invasive Coronary Artery Bypass Surgery in 2005, Surgery Advances – Emphasis on Cardiovascular/Trauma, University at Sea, Continuing Education Programs for Physicians, October, 2005

**Ramaiah C.** “Mitral Valve Repair; When, Why and How to do it”, Surgery Advances, University at Sea, Continuing Education Programs for Physicians, October, 2005

**Ramaiah C.** “Non Small Cell Lung Cancer” Surgery Advances, University at Sea, Continuing Education Programs for Physicians, October, 2005

**Ramaiah C.** “Evaluation and Management of Blunt Thoracic Trauma”, Surgery Advances, University at Sea, Continuing Education Programs for Physicians, October, 2005

**Ramaiah C.** “New Surgical Approaches for Curing Atrial Fibrillation”, Surgery Advances, University at Sea, Continuing Education Programs for Physicians, October, 2005

**PRESENTATIONS (Cont.):**

**Ramaiah C.** “Thoracic Aortic Aneurysms: When and How to Fix Them in 2005, Surgery Advances, University at Sea, Continuing Education Programs for Physicians, October, 2005

Yam FK, Akers WS, Ferraris VA, Smith K, **Ramaiah C**, Camp P, Flynn JD.

“Interventions to improve guideline compliance following coronary artery bypass grafting”. 63<sup>rd</sup> Annual Meeting of the Central Surgical Association, Louisville, Kentucky, March 9-11, 2006.

**Ramaiah C.** “Minimally Invasive Coronary Artery Bypass Surgery”, Boyle County Medical Society, Danville, KY, August 15, 2006

**Ramaiah C.** “Minimally Invasive Coronary Artery Bypass Surgery”, Boyle County Medical Society, Danville, KY, August 5, 2006

**Ramaiah C.** “Minimally Invasive Coronary Artery Bypass Surgery”, Appalachian Regional Healthcare, June 13, 2006, Whitesburg, KY

**Ramaiah C.** “Mediastinal Parathyroid Adenoma Removal Using the Da Vinci Robot – A Case Report” Presented at the 35<sup>th</sup> World Congress of the International College of Surgeons, October 26<sup>th</sup>, 2006, Bangkok, Thailand.

**Ramaiah C.** “Minimally Invasive Cardiac Surgery in 2006” Grand Rounds presentation, at Sri Jayadeva Institute of Cardiology, November 4<sup>th</sup> 2006, Bangalore, India.

**Ramaiah C.** Mechanical Cardiac Support and Replacement, “Life Doesn’t Have to End When the Heart Stops”. Grand Rounds presentation at Sri Jayadeva Institute of Cardiology, November 4<sup>th</sup> 2006, Bangalore, India.

**Ramaiah C.** “Minimally Invasive Coronary Artery Bypass Surgery”, RockCastle Hospital, December 11, 2006, Mt. Vernon, KY

**Ramaiah C.** “The Future of Thoracic Transplantation in Kentucky” Update on Heart Transplantation. Ashland, Kentucky, January 22, 2007

**Ramaiah C.** “Robotic Cardiovascular Surgery” Patrick F. Hagihara Academic Continuing Medical Education Surgical Seminar, Lexington KY, April 21, 2007

**Ramaiah C.** “Endoscopic Radial Artery Harvesting: My Experience” The American Association for Thoracic Surgery Annual Meeting, Washington D.C. May 7<sup>th</sup>, 2007.

**Ramaiah C.** “Cardiac Transplantation – Identification & Follow-up” Grand Rounds Presentation, Lexington KY, August 6<sup>th</sup>, 2007.

**Ramaiah C.** “The Effects of Body Mass index on outcomes and bleeding indices following adult cardiac surgery”, World Society of Cardiothoracic Surgeons 18<sup>th</sup> World congress, Greece, April 26-May 4<sup>th</sup>, 2008

**Ramaiah C.** “Surgery Beyond Traditional Ability”. International College of Surgeons, Reno, Nevada, June 5-7, 2008

**OTHER SIGNIFICANT SCHOLARLY RESEARCH OR ADMINISTRATIVE EXPERIENCES:**

**Teaching Activities:**

Department of Surgery Grand Rounds, Minimally Invasive Cardiac Surgery in the Robotic Era, November 19, 2003.

“Advances in Minimally Invasive Cardiac Surgery” – A Medical and Surgical Teamwork Approach to Cardiovascular Disease Symposium, University of Kentucky, Lexington, KY, January 10, 2004

“Chondrosarcoma of the Ribs and Spine” – Tumor Board, University of Kentucky, Lexington, KY, January 15, 2004

“The Role of Robots in Cardiac Surgery” – Saint Joseph Hospital, Lexington, KY, April 8, 2004

“Off-pump Coronary Artery Bypass or Robotic Case” Live Case Presentation, 46<sup>th</sup> Annual World Congress International College of Angiology, UKMC Operating Room, Lexington, KY, July 13, 2004

“Robotic Cardiac Surgery: Is it the Future?”, American College of Cardiology Annual Meeting, Lexington, KY, October 8, 2005

“Minimally Access Surgery Robotics Center Study Group, October 10, 2005, University of Kentucky, October 10, 2005

“Taking da Vinci to the Heart”, Article in the University of Kentucky Research Odyssey Magazine.

“Basics of Coronary Angiography”, St. Joseph Hospital Anesthesits, April 14, 2006