

Curriculum Vitae

Name: Eswara C. Botta
Office Phone: 615-343-9419
Office Address: 1301 Medical Center Dr; 4648 TVC
Nashville Tennessee, 37232-5617
Work Email: eswara.botta@Vanderbilt.Edu

Education

04/1968 - 05/1969 Undergraduate in Physics,Biology from Andhra Loyola College,, Vijayawada, India
06/1969 - 12/1970 Undergraduate in Botony,Chemistry,Zoology from Hindu college, Machilipatnam, India
01/1971 - 10/1976 M.B.B.S. in Medical Degree from Andhra University, India
04/1978 - 03/1981 M.S. in GENERAL SURGERY from Madras University, India
01/1984 - 12/1986 Post Doctoral Studies in CT SUrgery - leading to the award of MCH degree, Post Masters superspecialty course from Mangalore University, India

Training

04/1978 - 03/1981 Certificate in PGY-1,2,3 in General surgery from JIPMER Hospital, Pondicherry, India
09/1981 - 12/1982 Certificate in CT Surgery from JIPMER Hospital, Pondicherry, India
01/1984 - 12/1986 Certificate in Cardiothoracic and Vascular surgery from Kasturba Medical College, Manipal,India
08/1990 - 06/1991 Certificate in PGY-1 Surgery from Hahnemann University, Philadelphia, PA
07/1991 - 09/1994 Certificate in PGY-2,3,4 Anesthesiology from Vanderbilt University, Nashville, TN
10/1994 - 12/1994 Fellowship in Cardiothoracic surgery from Deborrah Heart and Lung center, Browns Mills, NJ

Licensure and Certification

N/A Medical, Kentucky Medical License
N/A Medical, MCh Degree in Cardiothoracic and Vascular surgery (Certified in India) India
N/A Medical, MS Degree in General Surgery(Certified in India) India
N/A Medical, Tennessee Medical License
N/A Medical, National Board of Echocardiography Inc.
N/A Medical, Pennsylvania Medical License
N/A Medical, American Board of Anesthesiology
N/A Fellowship Certificate, Fellow of Indian Association of Cardiothoracic and Vascular surgeons India

Academic Appointments

02/1996 - 10/1996 Instructor, Vanderbilt University (Nashville, Tennessee)
10/1996 - 11/2003 Assistant Professor, Vanderbilt University (Nashville, Tennessee)
04/2007 - 06/2008 Assistant Professor, Vanderbilt University (Nashville, Tennessee)
07/2008 - 11/2009 Assistant Professor of Anesthesiology, Vanderbilt University (Nashville, Tennessee)
12/2009 - Present Assistant Professor of Clinical Anesthesiology, Vanderbilt University (Nashville, Tennessee)

Other Work Experience

12/1982 - 12/1983 Civil Assistant Surgeon, General Hospital, Guntur, India
06/1987 - 09/1989 Assistant Professor in Cardiothoracic surgery, cardiothoracic surgery, Guntur Medical college, Kasturba Medical college,India (Guntur, ManipalIndia)
10/1989 - 04/1990 Visiting CT Surgeon, Apollo Hospital, Hyderabad, India

10/1994 - 12/1994	Fellow in CT Surgery, Deborah Heart and Lung Center, Brown Mills, New Jersey
03/1995 - 03/1996	Clinical Instructor, Vanderbilt University Medical Center, Nashville, Tennessee
04/1996 - 11/2003	Assistant Professor, Vanderbilt University Medical Center, Nashville, Tennessee
11/1998 - 11/2003	Staff Physician, VA Medical Center, Nashville, Tennessee
12/2003 - 09/2006	Anesthesiologist, Hazard ARH Hospital, Hazard, Kentucky
10/2006 - 04/2007	Staff Physician, VA Medical Center, Lexington, Kentucky
10/2006 - 04/2007	Voluntary Community Assistant Professor, University of Kentucky, Lexington, Kentucky
04/2007 - Present	Assistant Professor, Vanderbilt University Medical Center, Nashville, Tennessee
04/2007 - Present	Staff Anesthesiologist, Vanderbilt University Medical Center, Nashville, Tennessee

Professional Organizations

American Society of Anesthesiology, member
 Society of Cardiovascular Anesthesiologists, member
 International Anesthesia Research Society, Member
 Asian Association of Cardiothoracic and Vascular Surgeons, Life Member
 Indian Association of Cardiothoracic and Vascular Surgeons, Life member
 Tennessee society of Anesthesiology, member
 Cardio-Thoracic Surgery Net - World wide body, member

Professional Activities

Extramural

11/1998 - 11/2003	CPR Committee - VA Hospital Nashville, Tennessee, VA Medical Center, Nashville, Member
12/2003 - 09/2006	Performance Improvement Committee - Hazard ARH Hospital, Hazard, Kentucky, ARH Hazard Hospital, formulate and implement policies to improve patient safety and reduce complications, Member
01/2004 - 09/2006	Cardiac Anesthesiology Program - Hazard ARH Hospital, Hazard, Kentucky, ARH Hazard, Kentucky, Plan, Train personnel in OR, CV ICU, formulate the policies and start an new Cardiothoracic Anesthesia program and help start new Cardiothoracic surgery program in a rural set up in Hazard, Kentucky., Founding Director

Teaching Activities

07/11 - 06/12	TEE, Instructor, CELA, Clinical problem based TEE simulation
07/11 - 06/12	instructor, Residents, medical students, SRNAs
07/11 - 06/12	critical care skills TEE, Instructor, CELA, 3 sessions
07/11 - 06/12	Anesthesia and Genitourinary surgery, Moderator, Light hall - 4th Floor
01/1987 - 09/1987	Assitant professor in CT surgery, Guntur Medical College, India
06/1987 - 09/1989	Assistant Professor in CT surgery, Kasturba Medical College, India
04/1996 - 11/2003	Assistant clinical professor in Anesthesiology
04/2007 - Present	Assistant clinical professor in Anesthesiology
04/2007 - Present	critical care skills to residents and Medical students, Instructor
05/2007 - Present	Instructor
05/2007 - Present	Cricothyrotomy - Airway workshop for residents, Instructor
2009 - Present	Cardiac Anatomy for TEE - bovine heart/ Hands on Dissection, Instructor
09/2010 - Present	TEE assessment of Mitral Valve, Instructor, anesthesiology conference room TVC 4th floor
10/2010 - Present	TEE assessment of Aortic Valve, Instructor, Anesthesiology conference room TVC 4th floor
11/2010 - Present	Pericardial effusion and cardiac tamponade- TEE assessment, Instructor, CELA
11/2010 - Present	Autonomic Nervous System- Overview, Instructor, Anesthesiology Resident Library
11/2010 - Present	Adrenergic Pharmacology, Instructor, Anesthesiology resident Library
12/2010 - Present	An overview of perioperative use of TEE, Instructor, anesthesiology conference room 4th floor TVC
01/2011 - Present	RV dysfunction - TEE assessment, Instructor, CELA

01/2011 - Present	Renal physiology, Instructor, anesthesiology resident library
01/2011 - Present	Anesthesia for Renal - GU disease, Instructor, Light Hall
01/2011 - Present	TEE (Sonosite) machine and probe manipulation, Instructor
02/2011 - Present	LV global dysfunction/hypovolemia- TEE assessment, Instructor, CELA
02/2011 - Present	TEE machine and Probe manipulations, Instructor, PACU
03/2011 - Present	Anterior wall MI/ischemia- TEE assessment, Instructor, CELA
03/2011 - Present	TEE machine and Probe manipulations, Instructor, PACU
04/2011 - Present	Laterwall MI/ischemia- TEE assessment, Instructor, CELA

Other Significant Activities

09/2008	Co-Director, Indo-US Workshop on Role of TEE in Cardiac Anesthesia; Seth GS Medical College and KEM Hospital in collaboration with Vanderbilt Medical Center, MUMBAI, INDIA, 27-28, 2008 :
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Honors / Awards

1976	Gold medal in clinical surgery 1975-76 in Medical college, Andhra Medical College, India
1992	Fellow of Indian Association of Cardiothoracic and Vascular Surgeons, Indian Association of Cardiothoracic and Vascular Surgeons
2007	Award for Outstanding Contributions for Cardiac Surgery Program, Medical staff, ARH Hazard Hospital, Kentucky, Planned, trained personnel in CV OR and CV ICU and started the cardiac anesthesiology program and helped start Cardiac surgery program in rural Kentucky at ARH Hazard Hospital
06/2008	Volker Striepe Award for teaching in Anesthesiology at Vanderbilt University Medical center, Dept of Anesthesiology, Vanderbilt University

Publications

Non-Peer Reviewed Publications

Research Articles

1. RK Vishwanathan, P Sathyanarayana Murthy, BECVS Prasad, P Shatapathy and P Hazarika. Surgical management of post cricoid malignancy - Our approach. Indian Journal of Otolaryngology 1989 Sep;41(3):97-99.

Presentations

Medically Challenging Cases

1. Elisabeth Lee, MD; Eswara C. Botta, MD, MS, MCh; Ramprasad Sripada, MD, MMM, CPE. Society of Ambulatory anesthesia 23 Annual meeting. Society of Ambulatory Anesthesia; Miami, Florida. 2008 May 4; Thyroidectomy as an Ambulatory Surgery; A Patient with documented Malignant Hyperthermia.
2. Scott Johnstone, MD; Eswara C. Botta, MD, MS, MCh; Ramprasad Sripada, MD, MMM, CPE. Society of Ambulatory Anesthesia-24th Annual meeting. Society of Ambulatory Anesthesia; Scottsdale, Arizona. 2009 May 14; Should we check Serum Potassium on the Day of Surgery for Colectomy? Hyperkalemia associated with cathartic bowel preparation using Magnesium Citrate.
3. Robert Wells, MD; Ramprasad Sripada, MD, MMM, CPE; Eswara C. Botta, MD, MS, MCh. Society of Ambulatory Anesthesia Annual meeting 2009. Society of Ambulatory Anesthesia; Scottsdale, Arizona. 2009 May 16; Interscalene block in a patient with hypertrophic cardiomyopathy and pacemaker dependency.
4. Andrey Belous, MD; Eswara Botta MD, MS, MCh; Ramprasad Sripada, MD, MMM, CPE. ASA Meeting. 2009 ASA Annual Meeting; New Orleans, Louisiana. 2009 Oct; Role of Elective Intra-Aortic Balloon Pump (AIBP) & Transesophageal Echocardiography (TEE) for Anesthetic Mgmt of Patient w/ Cardiomyopathy Undergoing Major Non-Cardiac Surgery.
5. Andrey Belous, MD; Eswara Botta MD, MS, MCh; Ramprasad Sripada, MD, MMM, CPE. ASA Annual Meeting. 2009 ASA Annual Meeting; New Orleans, Louisiana. 2009 Oct; Continuous Femoral and Sciatic Nerve Block in a Patient with Pulmonary Hypertension Undergoing Open Reduction and Internal Fixation of a Bimalleolar Fracture of the Left Ankle.
6. Thomas Austin MD; Eswara Botta MD, MS, MCh; Ramprasad Sripada, MD, MMM, CPE. ASA Meeting 2009. 2009 ASA Annual Meeting; New Orleans, Louisiana. 2009 Oct; Brachial Plexus

Injury or Post Operative Cerebral Emboli? Diagnostic Dilemma Following Transposition of Aberrant Left Subclavian Artery to Left Carotid Artery.

7. Andrey Belous, MD; Eswara Botta MD, MS; Ramprasad Sripada, MD, MMM, CPE. Annual Meeting of American Society of Anesthesiology. American Society of Anesthesiology; San Diego, California. 2010 Oct; General Anesthetic Management in a Patient with CHF, Severe Cardiomyopathy and History of Seizures Induced by Regional Anesthesia.
8. Carrie Menser, MD; Ramprasad Sripada, MD, MMM, CPE; Eswara Botta MD, MS, MCh. Annual meeting of American Society of Anesthesiology, Oct. 2010, San Diego, CA. San Diego, California. 2010 Oct; Management of a patient with severe post-tracheostomy tracheal stenosis.
9. Jeremy Bennett, MD; Sarah Starr MD; Eswara Botta MD. Annual Meeting -American Society of Anesthesiologists ASA Oct.2010, San Diego, CA.. American Society of Anesthesiologists; San Diego, California. 2010 Oct; Cardiovascular instability due to systolic anterior motion of the mitral valve in a patient undergoing laparoscopic gastric banding under general anesthesia.

Presentations at Scientific Meetings

1. BECVS Prasad (Botta, Eswara C.), P. Shatapathy. Annual conference of Association of Surgeons of India. Association of Surgeons of India; Bangalore, India. 1985 Dec; Irradiation and intermittent dilation as a therapeutic alternative for esophageal cancers.
2. P. Shatapathy, BECVS Prasad (Botta, Eswara C.). Annual conference of Association of Surgeons of India. Association of Surgeons of India; Bangalore, India. 1985 Dec; Pharmacological answer to thromboangitis obliterans and allied disorders: update.
3. P. Shatapathy, BECVS Prasad (Botta, Eswara C.). Annual conference of Association of Thoracic and Cardiovascular Surgeons of India, Feb. 1987. Association of Thoracic and Cardiovascular Surgeons of India; India. 1987 Feb; Successful repair of massive extracranial carotid artery Aneurysm: A case report.
4. Shatapathy P; Prasad B.E.C.V.S (Botta, Eswara C.); Krishnan K.V; Hazarika and Lalla G.J. Annual conference of the Association of Thoracic and Cardiovascular Surgeons of India & The International Congress on Cardiovascular Surgery in Developing Nations, Madras, India, 1988. Association of Thoracic and Cardiovascular Surgeons of India; Chennai (Madras), India. 1988 Feb; Total Esophagectomy and One-stage Pharyngogastric anastomosis – Our Approach.
5. BECVS Prasad (Botta, Eswara C.), Pithamber Shatapathy. Joint Annual conference of Cardiological Society of India and Association of Thoracic and Cardiovascular Surgeons of India, 1988. Cardiological Society of India and Association of Thoracic and Cardiovascular Surgeons of India; New Delhi, India. 1988 Nov; A unified concept of tricuspid valve repair : The ultimate answer to the tricuspid challenge.
6. P. Shatapathy, BECVS Prasad (Botta, Eswara C.). Annual conference of Association of Thoracic and Cardiovascular Surgeons of India. Association of Thoracic and Cardiovascular Surgeons of India; India. 1988 Nov; Elective mitral valve replacement and repair with multidose potassium supplements and preferential profound cardiac hypothermia: A very safe procedure.
7. P. Shatapathy, BECVS Prasad (Botta, Eswara C.). Annual conference of Association of Thoracic and Cardiovascular Surgeons of India. Association of Thoracic and Cardiovascular Surgeons of India; India. 1989 Feb; Valvular patch closure of hypertensive atrial septal defects: A logical alternative in borderline cases.
8. P. Shatapathy, BECVS Prasad (Botta, Eswara C.). Annual conference of Association of Thoracic and Cardiovascular Surgeons of India, Feb 1989. Association of Thoracic and Cardiovascular Surgeons of India; India. 1989 Feb; Intraoperative pulmonary artery perfusion for prevention of pulmonary complications following correction of atrial septal defects with coexisting mitral stenosis and or mitral regurgitation.
9. Subodh Nag; Eswara C. Botta; Lee E. Limbird; Sukhbir S. Mokha. 12th World Congress on Pain, 17-22 Aug 2008, Glasgow, Scotland, UK. International Association for the Study of Pain; Glasgow, United Kingdom. 2008 Aug 17; Spinophilin knockout enhances Alpha2-adrenoceptor-mediated antinociception but does not abolish sex related differences.

Invited Presentation - International

1. Eswara C. Botta MBBS, MS, MCh. National Comprehensive course in Cardiothoracic & Vascular Surgery, Nizam's Institute of Medical Sciences, Punjagutta, Hyderabad, India. November 1-7, 1997. Indian Association of Cardiothoracic and Vascular Surgeons and Nizam Institute of Medical Sciences, Hyderabad; Hyderabad, India. 1997 Nov 1; Postoperative critical care after adult cardiac surgery.

Workshop

1. Eswara C Botta MBBS, MS, MCh. Indo-US Workshop on Role of TEE in Cardiac Anesthesia; Seth GS Medical College and KEM Hospital in collaboration with Vanderbilt Medical Center, MUMBAI, INDIA, Sept. 27-28, 2008. Seth GS Medical College and KEM Hospital, Mumbai in collaboration with Vanderbilt Medical Center; Mumbai (Bombay), India. 2008 Sep 27; Global and regional Left ventricular function.

2. Eswara C. Botta MBBS,MS,MCh. Indo-US Workshop on Role of TEE in Cardiac Anesthesia; Seth GS Medical College,Mumbai and KEM Hospital in collaboration with Vanderbilt Medical Center, MUMBAI, INDIA, Sept. 27-28, 2008. Seth GS Medical College and KEM Hospital,Mumbai(Bombay) in collaboration with Vanderbilt Medical Center; Mubai(Bombay), India. 2008 Sep 28; An overview of Perioperative use of Transesophageal echocardiography.

Panel Presentation

1. Eswara C. Botta MBBS,MS,MCh, Ramprasad Sripada, MD. Indo-US Workshop on Role of TEE in Cardiac Anesthesia; Seth GS Medical College and KEM Hospital in collaboration with Vanderbilt Medical Center, Mumbai, INDIA, September 27-28, 2008. Seth GS Medical College and KEM Hospital,Mumbai,India in collaboration with Vanderbilt Medical Center; Mumbai(Bombay), India. 2008 Sep 28; Video clips of TEE of interest with audience interaction.