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## BIOGRAPHICAL SKETCH

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NAME Vinodh Jeevanantham		POSITION TITLE Instructor, Internal Medicine	
eRA COMMONS USER NAME			
EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Sri Ramachandra Medical College and Research Institute	MBBS	2000	Medicine
University of Florida	MPH	2004	Epidemiology and Public Health

### A. POSITIONS AND HONORS.

#### POSITIONS AND EMPLOYMENT

Feb 00 – May 00	Worked as an online consultant for the health portal <a href="http://www.webhealthcenter.com">www.webhealthcenter.com</a>
Aug 00-Dec 00	Senior Research Fellow, Department of Neurology, All India Institute of Medical Sciences, New Delhi, India
Sept 01- April 02	Research Assistant, Division of Medicinal Chemistry, University of Florida, Gainesville
Aug 03-Dec 03	Research Assistant, Division of Addiction Medicine, McKnight Brain Institute University of Florida, Gainesville
2004-2007	Medical Residency, Internal Medicine, Unity Health System affiliated to University of Rochester
2007-present	Instructor of Internal Medicine, Section on General Internal Medicine, Wake Forest University Baptist Medical Center

#### OTHER EXPERIENCE AND PROFESSIONAL MEMBERSHIPS

2004-present	Associate member in Americal College of Physicians
2007-present	Member of American Heart Association
2008-present	Member of Society of Hospital Medicine
2007-present	Member of American Medical Association

#### HONORS

April 2002	Certificate of appreciation for academic accomplishment from International Center, University of Florida.
October 2005	Second prize in clinical research division at American College of Physicians upstate meet held at Rochester, NY.
October 2005	Second prize in clinical research division at Strong Memorial hospital poster competition held in Rochester, NY.
June 2007	Senior Leadership Award, Department of Medicine, Unity Health System, Rochester, NY.
June 2007	Senior Scholarship Award, Department of Medicine, Unity Health System, Rochester, NY.
June 2007	Cardiology award, from Division of Cardiology, Unity Health System, Rochester, NY.

### B. PEER-REVIEWED PUBLICATIONS (IN CHRONOLOGICAL ORDER).

Navaneethan SD, Sankarasubbaiyan S, Gross MD, Jeevanantham V, Monk RD. Tacrolimus-associated hypomagnesemia in renal transplant recipients. *Transplant Proc.* 2006 Jun;38(5):1320-2.

Hall B, Jeevanantham V, Simon R, Filippone J, Vorobiof G, Daubert J. Variation in left atrial transmural wall thickness at sites commonly targeted for ablation of atrial fibrillation. *J Interv Card Electrophysiol.* 2006 Nov;17(2):127-32. Epub 2007 Jan 17.

Jeevanantham V, Singh N, Izuora K, D'Souza JP, Hsi DH. Correlation of high sensitivity C-reactive protein and calcific aortic valve disease. *Mayo Clin Proc.* 2007 Feb;82(2):171-4.

Bakare M, Shrivastava R, Jeevanantham V, Navaneethan SD. Impact of two different models on influenza and pneumococcal vaccination in hospitalized patients. *South Med J.* 2007 Feb;100(2):140-4.

Vinodh Jeevanantham, Rakesh Shrivastava, Srikant Nannapaneni, Aameera Khan, Mohan Sengodan, Amit Nautiyal, Sankar Navaneethan, David Hsi. Elevated B-type Natriuretic Peptide Level: Use with Caution in Patients with Multiple Comorbidities and Presenting with Dyspnea. *Indian Heart J* 2007; 59: 64–68

Navaneethan SD, Nigwekar S, Sengodan M, Anand E, Kadam S, Jeevanantham V, Grieff M, Choudhry W. Referral to nephrologists for chronic kidney disease care: is non-diabetic kidney disease ignored? *Nephron Clin Pract.* 2007;106(3):c113-8. Epub 2007 May 22.

Navaneethan SD, Jeevanantham V, Nigwekar SU. Prevalence and predictors of lack of permanent vascular access in early referrals. *Am J Kidney Dis.* 2007 Oct;50(4):687.

Burr Hall, Vinodh Jeevanantham, Ethan Levine, James Daubert, Scott McNitt, Fred Morady, Frank Pelosi. Comparison of outcomes in patients undergoing defibrillation threshold testing at the time of implantable cardioverter-defibrillator implantation versus no defibrillation threshold testing. *Cardiology Journal* 2007, Vol. 14, No. 5, pp. 463–469

Jeevanantham V, Levine E, Budzikowski AS, Shah AH, Daubert JP. Defibrillation Coil Reversal: A Rare Cause of Abnormal Noise and Inappropriate Shocks. *PACE* 2008; 31:375–377

Sherazi S, Shah AH, Jeevanantham V, DiSalle M, Haley J, Daubert JP, "Physicians' Preferences and Attitudes About End of Life Care in Patients with an Implantable Cardioverter-Defibrillator (ICD)." Accepted for publication in *Mayo Clinic Proceedings*.

Shrivastava R, Khan A, Jeevanantham V, Nautiyal A, Garg P, Reddy PC. Control of Cardiovascular Risk Factors and Use of Aspirin in Diabetic Patients Remain Elusive" *South Med J.* 2008 May 7. [Epub ahead of print]

Vinodh Jeevanantham, MD, MPH, Wojciech Zareba, MD, Sankar D Navaneethan, MD, MPH, David Fitzgerald, MD, Cheuk-Man Yu, MD, Augusto Achilli, MD, Jeroen J Bax, MD, James P Daubert, MD. "Effect of Cardiac Resynchronization therapy in Heart Failure patients with Narrow QRS complex: A Systematic Review." *Cardiology Journal.* 2008, Vol. 15, No. 3, pp. 230.236.

Bisphosphonates and atrial fibrillation: systematic review and meta-analysis. Yoon Kong Loke, MD, Vinodh Jeevanantham MD, MPH, Sonal Singh MD, MPH. Accepted for publication in *Drug Safety*.

#### **PUBLICATIONS – SUPPLEMENTS**

Vinodh Jeevanantham, Nathan A Shapira, Giselle D Mann, MaryAnn Ferguson, Kimberly Frost-Pineda, Mark S Gold. Can Substance Abuse predict gambling Behavior? *Biol Psychiatry* 2004; 55: 1S-242S.

Shrivastava, Rakesh; Jeevanantham, Vinodh; Berk, Bradford. Do Women with Suspected Heart Failure Need a Different Cut-off Value of Brain Natriuretic Peptide? P119. *Circulation.* 111(4): E72, February 1, 2005.

Ayodele T. Osowo, MD, Vinodh Jeevanantham, MD. M.P.H., Tarun Kothari, F.A.C.P. Predictors of SVR in Ribavirin and Interferon alpha combination therapy. *The American Journal of Gastroenterology:* Volume 100 Issue s9 Page S103 - September 2005

Anthony Aghenta, MD, Ayodele Osowo, MD, Vinodh Jeevanantham, MD, Tarun Kothari, MD. The Effect of Small Bowel Transit Time on the Yield of Video Capsule Endoscopy. *American Journal of Gastroenterology.* Vol 102; 423; S1157 sept. 2007.

#### **ORAL PRESENTATIONS**

May 2005: "Elevated BNP use with caution" presented at the annual meet of European Society of Cardiology 'Heart Failure 2005' held at Lisbon, Portugal.

Oct 2006: "Accuracy of Ankle-Brachial Index in Predicting Coronary Artery Disease in Patients with Chest Pain and Without Known Coronary Artery Disease" presented at North American Primary Care Research Group annual meet held at Quebec City, Canada.

Mar 2005: "Accuracy of Ankle-Brachial Index in Predicting Coronary Artery Disease in Patients with Chest Pain and Without Known Coronary Artery Disease" presented at the 2005 SGIM Mid-Atlantic Regional Meeting.

## **POSTER PRESENTATIONS- PRINCIPAL INVESTIGATOR**

March 2005: "Predictors of Brain Natriuretic Peptide Level in Patients with Multiple Co-Morbidities" poster presentation at the 2005 SGIM Mid-Atlantic Regional Meeting.

October 2005: "Correlation of Non-reproducible Nature of Chest Pain and Coronary Artery Disease", presented at Strong memorial hospital, University of Rochester.

October 2005: "Correlation of Response to Nitroglycerin and Coronary Artery Disease in patients presenting with Chest Pain and without Known Coronary Artery Disease", presented at American College of Physicians upstate meet.

June 2006: "Correlation of Body Mass Index and BNP in patients presenting with shortness of breath". Vinodh Jeevanantham, Rakesh Shrivastava, Srikant Nannapaneni, Aameera Khan, David Hsi Presented at the European Society of Cardiology's annual meet held at Helsinki, Finland.

September 2006: Prevalence and Predictors of coronary artery disease in Patients with Left Bundle Branch Block V.Jeevanantham, K.Manne, J.Haley, P.K.Mathew, D.Hsi, presented at American Society of Nuclear Cardiology's Annual meet held at Quebec, Canada.

October 2006: "Do Women Differ in Correlation of Response to Nitroglycerin and Coronary Artery Disease" V.Jeevanantham, I.Pinto, S.Navaneethan, G.I.Parameswaran, presented at Southern Medical Association's 100th Annual Scientific Assembly held at Charlotte, NC.

October 2006: "Correlation of B-type Natriuretic Peptide and Renal Function in Patients with Multiple Co-Morbidities and Presenting with Shortness of Breath" Vinodh Jeevanantham, Rakesh Shrivastava, Srikant Nannapaneni, Aameera Khan, David Hsi. Presented at Southern Medical Association's 100th Annual Scientific Assembly held at Charlotte, NC.

October 2006: "Differences in Knowledge and attitudes between nurses and residents on Voluntary refusal of food and fluids as a means to hasten death in hospice patients" Vinodh Jeevanantham, MD, MPH, Ruwan Dissanayake, MD, Ayodele Osowo, MD, Miyeon Oh, MD, Michael DiSalle, MD, presented at ACP upstate meet held at Buffalo, NY.

May 2007: Can Response to Nitroglycerin Predict Coronary Artery Disease in Patients Presenting with Chest Pain. Vinodh Jeevanantham, M.D, Ganapathi I Parameswaran, M.D, Vishal Tiwari M.D, Michael DiSalle, MD, David H Hsi, MD, Unity Health System, Rochester, NY. Accepted for presentation at the 13th World Congress of Cardiology meet to be held in Vancouver, Canada. [http://www.cardiologyonline.com/wchd07/advance\\_prog\\_tue\\_p.htm](http://www.cardiologyonline.com/wchd07/advance_prog_tue_p.htm)

April 2008: Bisphosphonates and the risk of Atrial Fibrillation: A systematic review and meta-analysis. Vinodh Jeevanantham, Yook Loke, Sonal Singh. Presented at SGIM's 31st annual meeting to be held at Pittsburg, PA.

April 2008: Comparison of Outcomes between Hospitalists and General Internists in a tertiary Academic Medical Center. Vinodh Jeevanantham, MD, MPH, Teresa R. Reavis, Patience Agborbesong, MD

July 08: Effect of Cardiac Resynchronization therapy in Heart Failure patients with Narrow QRS complex: A Systematic Review. Vinodh Jeevanantham, MD, MPH, Wojciech Zareba, MD, Sankar D Navaneethan, MD, MPH, David Fitzgerald, MD, Cheuk-Man Yu, MD, Augusto Achilli, MD, Jeroen J Bax, MD, James P Daubert, MD. It has been Presented at the World Congress on Controversies in Cardiovascular Disease (C-Care) Berlin.

January 2009: Three-dimensional changes in Left Atrial Volumes and Ejection Fraction during Dobutamine Stress Cardiovascular Magnetic Resonance. Vinodh Jeevanantham, MD, MPH, William Ntim, MD, Tim Morgan, PhD, Craig Hamilton, PhD, John Hoyle, MD, Gregory Hundley, MD. Accepted for presentation at SCMR 2009 to be held in Orlando.

February 2009: Hospital Readmissions Within 30 days After Discharge: A Review of all Readmissions to Hospitalists in one year. V. Jeevanantham, G. Jao, R. Vadlamudi, B. Gadi, M. Eapen, S. Stefanescu, P. Agborbesong. Accepted for research oral plenary session at Southern SGIM meeting to be held in New Orleans.

## **POSTER PRESENTATIONS- CO-AUTHOR**

October 2004: "Gender differences and BNP" presented at Strong Memorial Hospital.

October 2005: "The affect of Ventricular Sense Response on Cardiac Hemodynamics" presented at Upstate New York Cardiac Electrophysiology Society Meet.

November 2005: "Ambulatory esophageal pH monitoring: a comparison of two methods of pH capsule placement", presented at American College of Gastroenterology's annual meet held at Hawaii.

March 2006: "Control of cardiovascular risk factors in diabetic patients remain elusive" Presented as poster in regional SGIM meet.

March 2006: "Aspirin (under) use among diabetes mellitus patients" presented as poster in Annual SGIM meet in Los Angeles, California.

May 2006: "Type-2 diabetes: comprehensive management, cardiovascular risk modification, and impact of race" presented as poster at Sero Symposia Metabolic Syndrome in San Francisco

May 2006: "Comparison of Outcomes of two protocols of conscious sedation during endoscopy" presented at Digestive Disease Week 2006 held at Los Angeles, CA.

September 2006: "Gender Differences of ETT-SPECT in evaluation of Myocardial Ischemia in 538 patients" presented at American Society of Nuclear Cardiology's Annual meet held at Quebec, Canada.

October 2006: "Osseous Involvement of Hodgkin's Disease" to be presented at Southern Medical Association's 100th Annual Scientific Assembly held at Charlotte, NC.

November 2006: "Quality of Prereferral Care in Patients with Chronic Kidney Disease." has been accepted for presentation at the ASN Renal Week in San Diego, California.

November 2006: "Late Referral to Nephrologists for Chronic Kidney Disease: Prevalence, Predictors and Its Consequences in the Era of Guidelines." Presented at the ASN Renal Week in San Diego, California.

April 2007: "Sporadic case of Fahr's disease in the setting of acute cerebrovascular accident" Presented at ACP annual meet, San Diego, CA. Kavita Kadiwar, V. Jeevanantham, M. Matos.

October 2007: Discharge renal function as a predictor of mortality and rehospitalization in elderly patients with congestive heart failure. Sankar D Navaneethan, Vinodh Jeevanantham, and Sagar U Nigwekar, presented in American Society of Nephrology annual meeting, San Francisco, CA.

October 2007: Prevalence and predictors of lack of permanent vascular access in early referrals. Sankar D Navaneethan, Vinodh Jeevanantham, and Sagar U Nigwekar, presented at American Society of Nephrology annual meeting, San Francisco, CA.

April 2008: Predictors of late referral after the implementation of K-DOQI guidelines. Sankar D Navaneethan, Vinodh Jeevanantham, Scott Liebman. Presented at National Kidney Foundation at Gaylord, Texas.

May 2008: Bolus dosing for moderate sedation reduces procedure time during esophagogastroduodenoscopy (EGD). (443711), presented as poster during Digestive Disease Week held at the San Diego Convention Center, San Diego, CA.

May 2008: Bolus dosing for moderate sedation reduces procedure time during colonoscopy. (443764), presented as poster during Digestive Disease Week held at the San Diego Convention Center in San Diego, CA.

May 2008: Role of Magnetic Resonance Elastography to Assess Hepatic Fibrosis. Mashal Jatoi, Forrest Walker, Vinodh Jeevanantham, Alvin Silva, Giovanni DePetris, Jorge Rakela, Hugo Vargas Presented at Digestive Disease Week San Diego, CA.

June 2008: Donor risk index and the risk of recurrent hepatitis C post liver transplantation. Presented at the American Transplant congress meeting in Toronto.

June 2008: PCI Improves angina in patients with stable coronary artery disease when compared to non-interventional therapy-a meta-analysis. S. Adigopula, S. Balamuthusamy, V. Kodumuri, V. Jeevanantham, N. Jalandhara, R. Bhuriya, S. Khosla presented at the European Society of Cardiology meeting at Munich.

### **C. RESEARCH SUPPORT.**

WFUP quality grant for the proposal "Hospital Readmissions Within 30 days After Discharge: Development of a Model for Predictors of Readmission and Possible Interventions to Decrease Readmission Rate." Vinodh Jeevanantham, MD, MPH, Geoffrey Jao, MD, Raja Vadlamudi, MD, Bhaskara Gadi, MD, Maria Eapen, MD, Sergiu Stefanescu, MD, Patience Agborbesong, MD.