

**RISHI ANAND M.D.**

**Curriculum Vitae**

Electrophysiologist/ Cardiologist  
Medical Director, Electrophysiology Laboratory  
Holy Cross Hospital  
Fort Lauderdale, FL

**QUALIFICATIONS:**

**2008 – 2010**

**UNIVERSITY OF MARYLAND, Baltimore, MD**

**Electrophysiology Fellowship**

Board Certified Clinical Cardiac Electrophysiology

**2005 – 2008**

**OCHSNER CLINIC FOUNDATION, New Orleans, LA**

**Cardiology Fellowship**

Board Certified Cardiology

**2002 – 2005**

**LOUISIANA STATE HEALTH SCIENCES CENTER, New Orleans, LA**

**Internal Medicine Residency**

Board Certified thru 2015

**1998 – 2002**

**LOUISIANA STATE UNIVERSITY MEDICAL SCHOOL, New Orleans, LA**

**Degree: Medical Doctorate**

**1995 – 1998**

**JOHNS HOPKINS UNIVERSITY, Baltimore, MD**

**Degree: Bachelor of Arts**

## **BOARD POSITIONS/PROFESSIONAL MEMBERSHIPS**

**2013 – present**

**AMERICAN COLLEGE CARDIOLOGY Florida Chapter  
Chair-Payer Relations & Healthcare Economics**

**2013 – present**

**AMERICAN COLLEGE OF CARDIOLOGY Florida  
Chapter  
Board of Directors**

**2013 –present**

**First Coast Services Options (FCSO)**

**Medicare Carrier Advisory Committee Member**

Advise on cardiovascular policy coverage and providing input regarding ongoing audits and probes as well as initiating reviews of local coverage determinations (LCDs) policies for Florida.

**2011 – present**

**EP LAB DIGEST**

**Editorial Board Member**

Readers of *EP Lab Digest* work in a very specialized field of medicine, and this journal offers a national and international continuous education forum through which professionals share information on the best practices, the latest procedures, and ongoing concerns. Articles undergo a review process by members of the advisory Editorial Board and by Clinical Editor.

## **HONORS & AWARDS**

**2013**

**Special Achievement Award**

**American College of Cardiology-Florida Chapter**

**2007**

**Charles B. Moore Research Award**

Recognized by the department of cardiology for achievements in medical research.

**1999**

**RUTH KATZ, MD M.D. ANDERSON CANCER INSTITUTE**

**Summer Oncology Research Fellow**

● 1 of 13 candidates selected from a nationwide pool of 300 candidates to conduct basic science research at the M.D. Anderson Cancer Institute in Houston, Texas.

**1998**

● OMSA Student Leadership Award—awarded by the Office of Multicultural Student Affairs for leadership demonstrated in rebuilding and revitalizing the South Asian student group at Johns Hopkins.

● Phi Beta Kappa—recognition of high attainments in liberal scholarship.

## **EMPLOYMENT HISTORY:**

**2010 – present**

### **Clinical Cardiac Electrophysiologist Job Description:**

Actively practicing as an electrophysiologist / cardiologist. Serve as the medical director of the electrophysiology laboratory at Holy Cross Hospital in Fort Lauderdale, FL.

- Skillset: Complex arrhythmia management and ablation including atrial fibrillation ablation, ventricular tachycardia ablation, SVT ablation
- Skillset: Cardiac device implantation including pacemakers, implantable cardiac defibrillators, cardiac resynchronization devices, subcutaneous loop monitors. Troubleshooting of cardiac device failures and FDA recalled devices and management of the patient with recalled devices

Skillset: Medical management of complex cardiac arrhythmias utilizing antiarrhythmic medications and anticoagulation medications

**2011 – present**

### **Electrophysiology (EPS) Laboratory Medical Director Job Description:**

- Advising the administrative manager on all medical matters pertaining to the EPS Lab and the hospital as they relate to electrophysiology and cardiovascular services.
- Participating in equipment, supply selection, and devise bulk purchase agreements in order to ensure the delivery of high quality, cost effective care.
- Maintaining a current knowledge base in the specialty of diagnostic and interventional electrophysiology and appropriate regulatory requirements in order to provide medical supervision and guidance to the staff and management of the EPS Lab.
- Participating in the development and/or review of policies, procedures, staff orientation, teaching programs, staff competency assessment and employee performance appraisals.
- Providing medical supervision for the EPS Lab including review of physician credentials.
- Participating in the development and coordination of all quality improvement activities of the EPS Lab.
- Participating in peer review program activities in connection with the MSPI and Performance Improvement Committee.
- Enforcing rules and regulations of the Medical Staff and performing peer review oversight activities as applicable to the EPS Lab and cardiovascular services.
- Attending and participating in the Hospital/Medical Joint Performance Improvement Committee Meeting and Medical Staff Peer Improvement Committee Meeting.
- Promoting the Mission and Philosophy of Holy Cross Hospital and respecting the dignity of all persons in interactions with hospital employees, patients, visitors and members of the medical staff.
- Assisting the Hospital in public relations activities, community outreach, education, marketing and physician and staff recruitment.

## **PUBLICATIONS:**

### **Book Chapters:**

#### **2011**

- Anand RG, Dickfeld TD. Chapter 17. “Essentials of Imaging and Imaging Technologies Related to Arrhythmias.” Electrophysiological Disorders of the Heart. 4th Ed.

### **Book Reviews**

#### **2007**

- Anand RG, White CJ. Review of The Nuts and Bolts of Cardiac Resynchronization Therapy. Available: <http://www.doody.com>
- Anand RG, White CJ. Review of ECG in 10 Days, 2nd Edition. Available: <http://www.doody.com>.

#### **2006**

- Anand RG, White CJ. Review of Catheter Ablation of Cardiac Arrhythmias: A Practical Approach. Available: <http://www.doody.com>.
- Anand RG, White CJ. Review of Intracardiac Echocardiography in Interventional Electrophysiology. Available: <http://www.doody.com>.
- Anand RG, White CJ. Review of Adult Congenital Heart Disease: A Practical Guide. Available: <http://www.doody.com>.

#### **2005**

- Anand RG, White CJ. Review of Angiogenesis and Direct Myocardial Revascularization. Available: <http://www.doody.com>.

### **Peer Reviewed Accepted Publications**

#### **2016**

- Rogers JD, Sanders P, Piorkowski C, Sohail MR, Anand R, Crossen K, Khairallah FS, Kaplon RE, Stromberg K, Kowal RC. “In-office insertion of a miniaturized insertable cardiac monitor: Results from the Reveal LINQ In-Office 2 randomized study.” Heart Rhythm. 2016 Nov 4.
- Lee JJ, Weinberg D, Anand R. “Asymptomatic Pulmonary Vein Stenosis: Hemodynamic Adaptation and Successful Ablation.” Case Rep Cardiol. 2016; 2016: 4979182

## 2014

- Anand, RG, Orlov MV et al. “Prospective Randomized Comparison of 3D Reconstructed Rotational Angiography and CT Merged with Electro-Anatomical Mapping: A Two Center Atrial Fibrillation Ablation Study.” J Interv Card Electrophysiol. 2016 Aug;46(2):71-9.

## 2013

- Rivera, G, David, I, Anand R. “Successful Atrioesophageal Fistula Repair Post Atrial Fibrillation Ablation.” J Am Coll Cardiol. 2013 Mar 19;61(11):1204.
- Anand, RG. Kusomoto, F. “Pacemaker National Coverage Determination: A Synopsis of Recent CMS Policy Change” EP Lab Digest. Volume 13-Issue 11, November 2013.

## 2012

- Dickfeld, TM, Anand, RG. “Afib Rotors: Are We in the “Driver” Seat?” Editorial Journal American College of Cardiology Imaging. 2012; 5(12): 1221-1223.
- Anand, RG. Successfully Bringing Cardiac Event and Telemetry monitoring “InHouse.” EP Lab Digest. Volume 12-Issue 10-October 2012
- Anand, RG. Spotlight Interview: Holy Cross Hospital. EP Lab Digest. Volume 12-Issue 1-January 2012.
- Anand, RG. Career Advice for Newly Trained Electrophysiologists. EP Lab Digest. Volume 12-Issue 3- March 2012
- Anand, RG. Dickfeld TM. VT Ablations in Private Practice Setting: Opportunities and Challenges.

## 2011

- Anand, RG. CMS, DOJ, HRS, and ICDs: An Urgent Need for Clarity. EP Lab Digest.
- Anand RG. 10Minute Interview. EP Lab Digest. Volume 11 No. 9 September 2011.
- Anand, RG. Key Considerations for Designing an Electrophysiology Laboratory. EP Lab Digest. Volume 11-Issue 11-November 2011.

## 2010

- Jimenez A, Shorofsky SR, Dickfeld TM, Anand RG, Saliaris AP, Saba M. Left Sided Atrial Flutter Originating in the Coronary Sinus after Radiofrequency Ablation of Atrial Fibrillation. Pacing Clin Electrophysiol. 2010 Mar 5. PMID: 20230470

## 2009

- Anand RG, Van Hare GF, Rosenthal GL, Snyder CS. “Is The Mechanism of Supraventricular Tachycardia in Pediatrics Influenced by Age, Gender or Ethnicity?” Congenit Heart Dis. 2009 Nov;4(6):4648. PMID: 19925541
- Anand RG, Reddy MT, Yau LC, Amin RR, Stahls PF, Frohlich EG, Ventura HO. “Heart Rate is an Independent Predictor for Survival in Post Cardiac Transplant Patients.” Am J Cardiol. 2009 May 1;103(9):12904. Epub 2009 Mar 13. PMID: 19406274
- Anand RG, Patel SN, Maroo B, White CJ, Reilly JP. “Ability of Cardiac Computed Tomography to Assess Left Atrial Appendage Anatomy.” Abstract submitted to SCAI.

## 2008

- Giraldo CD, Anand RG, Ventura HO. "Cardiac Carcinoid: A Case Report." *Congest Heart Fail.* 2009 JanFeb;15(1):435. PMID: 19187408
- Anand RG, Alkadri M, Lavie CJ, Milani RV. "The Role of Fish Oil in Arrhythmia Prevention." *Journal of Cardiopulmonary Rehabilitation.* 2008 March/April; 28(2):9298.
- Anand RG, Peters RW, Donahue TP. "Obesity and Dysrhythmias." *J Cardiometab Syndr.* 2008 Summer;3(3):14954.
- Delcid MR, Anand RG, Sossamon GN, Shah SB. "Cardiac Sarcoidosis: A casereport and review of the literature." *J La State Med Soc.* 2008 MayJun;160(3):1559. Review.

## 2007

- Anand RG, Ventura HO, Mehra MR. "Is Heart Failure More Prevalent In Patients With Peripheral Arterial Disease?" *Congest Heart Fail.* 2007 NovDec;13(6):31922.
- Anand RG, Donahue TP, Mulder TJ, Darline R, Snyder CS. Successful Cryoablation of an Accessory Pathway Within a Coronary Sinus Diverticulum. *CV Case Rep.* 2007 Oct. 12. Available from <http://www.cvcasereports.com/caseDetail.cfm?loadID=205>
- Artham SM, Lavie CJ, Milani RV, Anand RG, O'Keefe JH, Ventura HO. "Fish Oils in Primary and Secondary Cardiovascular Prevention." *Ochsner Journal.*

## 2006

- Anand RG, Cardenas GM, Patel HM. "Cutaneous manifestations due to Streptococcus pneumoniae bacteremia." *J La State Med Soc.* 2006 JulAug;158(4):1867.

## 2004

- Velasquez EM, Anand RG, Newman WP, Richard SS, Glancy DL. "Cardiovascular complications associated with cocaine use." *J La State Med Soc.* 2004 NovDec; 156(6):302310.
- Anand RG, Lopez A, DeBoisblanc D. "Vibrio Vulnificus Sepsis Successfully Treated with Antibiotics, Surgical Debridement, and Recombinant Human Activated Protein C." *J La State Med Soc.* Vol 156, Number 3. May/June 2004. 130133.

## 2003

- Anand RG, Glancy DL. "ECG of the Month." *J La State Med Soc.* 2003 SeptOct; 155(5):228.
- Zayed FF, Doghmi WH, Anand RG, Glancy DL. "Large Precordial QRS Voltage Is A Feature Of Early Repolarization And Usually Does Not Denote Left Ventricular Enlargement." Abstract. Accepted by the Southern Society of Clinical Investigators.
- Zayed FF, Mikdadi FF, Doghmi WH, Anand RG, Khuri BN, Lewis RS, Helmcke FR, Glancy DL. "Coronary Arteriographic Findings In Patients with Generalized Lack of Hypercontractile Response on Exercise Echocardiography." Abstract. Accepted to the Southern Society of Clinical Investigators.

## **ACTIVE CARDIOVASCULAR RESEARCH :**

**2014**

### **SMARTCare committee**

A grant award of 15.9 million dollars was awarded from Centers for Medicare/Medicaid Innovation to the American College of Cardiology examining Appropriate Use Criteria implementation via point of care software programs to promote best practices.

**2013**

### **Principle Investigator**

#### **HALT protocol**

Physician initiated research sponsored by Medtronic to evaluate the feasibility of performing subcutaneous implantable loop recorders outside of the traditional operative room setting. Grant Funding for \$80,000 received from Medtronic

**2012-Enrollment on Hold**

### **Principle Investigator**

#### **National trial sponsored by St. Jude Medical**

Analyze ST.

Investigated if ST monitoring algorithm on an ICD platform can lead to early detection of acute myocardial infarction.

**2011-Closed**

### **Principal Investigator**

#### **MultiSite trial (Florida, Boston)**

Randomized Comparison of Rotational Angiography/Electroanatomical Mapping Fusion vs. CT/Electroanatomical Mapping Fusion to Guide AF Ablation

**2010-Closed**

### **Principal Investigator**

#### **ALERTS Trial**

One of greater than 50 sites charged with the recruitment of patients to participate with the Angel Medical Guardian System investigating ST segment monitoring for ischemia detection.

**2010-Closed**

### **SubInvestigator**

Assess AF.

Participated in post market registry regarding Pre and Post AFib ablation monitoring with the Implantable Loop Monitor.

**2010-Closed**

### **SubInvestigator**

Bridge Trial

NIH Sponsored trial investigating need for lovenox bridging pre and post surgical procedures in patients with Atrial fibrillation



## **MEDICAL REVIEW PANELS/COMMITTEES**

### **2011**

- Corporate Compliance Committee – part of a 6 member panel comprising the COO and Chief Corporate Compliance Officer for Holy Cross Hospital charged with ensuring appropriate evidence based utilization of implantable cardiac devices.
- Medical Staff Peer Review Committee— participate in peer review process to ensure adherence to nationally accepted guidelines regarding the delivery of electrophysiology care.
- Clinical Advisory Council— involved with providing assistance regarding standardized order sets/templates for the entire Catholic Health East Hospital network.
- CPX Laboratory Planning committee—Involved in creating a multidisciplinary team of Pulmonologists and Cardiologists and helping to establish a formal CPX testing program as part of a more comprehensive CV service line. Involved in equipment selection and providing input regarding the logistics of creating a physician panel to review/read CPX testing.
- Community Research Council – Active as a member/presenter charged with helping to raise general awareness of CV research being conducted at Holy Cross Hospital.
- Hybrid Operating Room Planning Committee Involved in a multimodal team approach to the design and buildout of a hybrid operating room. Total budgetary cost of 1 \$10,000,000. Specific role is to oversee the incorporation of Hybrid Atrial fibrillation ablations as part of the overall procedural case mix for the Hybrid Operating Room.

### **2010**

- EP Laboratory Planning Committee Involved in the architectural design and planning of two state of the art EP laboratories including rotational CT angiography. Total budgetary cost of \$5,000,000. Involved in facilitating licensing and credentialing inspections of the EPS laboratory, third party vendor management.

## **STATE, NATIONAL, INTERNATIONAL INVITED LECTURES**

**NOV 2014**

**Survive or Thrive: Practicing Cardiovascular Medicine in a Sea of Change**

**Faculty lecturer**

Fort Lauderdale, Florida

**MAY 2014**

**Heart Rhythm Society Annual Meeting**

**Faculty Lecturer/Debator**

“Have We Lost Our Way? Debates in Health Policy”

San Francisco

**FEB 2014**

**AF Burden Before and After Ablation: How Much Is Too Much Afib.**

[www.medscape.org/viewarticle/820542](http://www.medscape.org/viewarticle/820542)

**OCT 2013**

**MEDTRONIC LINQ FALL CONFERENCE: ORLANDO**

**Faculty Lecturer**

“Pre and Post Ablation ILR Monitoring”

**SEPT 2013**

**MEDTRONIC LINQ FALL CONFERENCE: SAN FRANCISCO**

**Faculty Lecturer**

“Pre and Post Ablation ILR Monitoring”

**AUG 2013**

**FLORIDA HEALTH CARE COALITION: TRANSITIONING FROM VOLUME TO VALUE**

**Guest Panelist**

“SMARTCare”

Florida

**AUG 2013**

**AMERICAN COLLEGE OF CARDIOLOGY ANNUAL CONVENTION  
FLORIDA CHAPTER**

**Chair: Payer Relations and Healthcare Economics**

“Practicing In a Time of Change”

**JUN 2013**

**HONDURAS CARDIOLOGY SOCIETY ANNUAL MEETING**

**Guest Lecturer**

“Updates in Catheter Ablation of Atrial Fibrillation”

**JUN 2012**

**PUERTO RICO CARDIOLOGY CONGRESS XIX**

**Guest Lecturer**

“When to Upgrade from RV Pacing to CRT Pacing”

**JUN 2012**

**PUERTO RICO CARDIOLOGY CONGRESS XIX**

**Guest Lecturer**

“Atrial Fibrillation: Clinical Significance of Quantitative Afib Burden”

**SEP 2011**

**FLORIDA ASSOCIATION PHYSICIAN ASSISTANTS NATIONAL MEETING,  
Miami**

“Atrial Fibrillation. Updates on Management Techniques”

**MAY 2011**

**HEART RHYTHM SOCIETY INTERNATIONAL MEETING**

“New User Learning Experience Regarding 3D Rotational Angiography”

San Francisco

**APR 2011**

**CLINICAL CARDIOLOGY SYMPOSIUM “VIEWPOINTS”**

**Case Presenter / Discussion Moderator**

Discussed recent advances in Cardiovascular Medicine.

**TELEVISION INTERVIEWS/ RADIO INTERVIEWS/ MEDICAL SEGMENTS**

**2011 - WIOD 610 AM RADIO**

Interviewed on cardiac arrhythmias and Sudden Cardiac Death.

**OCT 2011 - SUDDEN CARDIAC DEATH**

ABC Channel 4 Medical News Segment interview for Miami/Fort Lauderdale Local market.

**APR 2011 - A MISSION TO HEAL**

Televised Segment highlighting the CV Service Line at Holy Cross Hospital aired April to May 2011 aired in

Palm Beach County Market/Broward/Miami Dade Market. Won the Bronze Award in the Health Promotion Program Category at the 28th Annual Healthcare Advertising Awards.

**FEB 2011 - HEART HEALTHY DEFIBRILLATOR HELPS SAVE LIVES**

ABC channel 4 News Segment interview for Miami/Fort Lauderdale Local Market.

**2009 - HOLIDAY HEART** ABC Channel 26. News Segment interview for New Orleans Local Market