

# **CURRICULUM VITAE**

**ANDREW MICHAEL RUBIN, M.D.**

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## **POSTGRADUATE EDUCATION**

**Fellow, Cardiac Electrophysiology - July, 1991 to June, 1992**  
**Lankenau Hospital, Philadelphia, PA**  
**Director - Peter M. Kowey, M.D.**

**Fellow, Cardiovascular Disease - July, 1989 to June, 1991**  
**Temple University Hospital, Philadelphia, PA**  
**Director - Alfred A. Bove, M.D.**

## **INTERNSHIP AND RESIDENCY**

**Internal Medicine**  
**Internship - June, 1986 to June, 1987**  
**Residency - June, 1987 to June, 1989**

**The Graduate Hospital of the University of Pennsylvania**  
**Philadelphia, Pennsylvania**  
**Director - Eliot Nierman, M.D.**

## **MEDICAL EDUCATION**

**Temple University School of Medicine - August, 1982 to May, 1986**  
**Philadelphia, Pennsylvania – MD Degree**

## **PREMEDICAL EDUCATION**

**Muhlenberg College - 1978 to 1982 - Bachelor of Science**  
**Allentown, Pennsylvania**

## **BOARD CERTIFICATION**

**Diplomate, National Board of Medical Examiners - 1987**  
**Diplomate, American Board of Internal Medicine - 1989**  
**Diplomate, Subspecialty of Cardiovascular Diseases, American Board of**  
**Internal Medicine – 1991, 2000**  
**Diplomate, Clinical Cardiac Electrophysiology,**  
**American Board of Internal Medicine – 1992, 2002**

## **APPOINTMENTS**

**Director, Cardiac Research, Desert Cardiology Center, 2002- present**  
**Chief, Section of Cardiology, Eisenhower Medical Center, 1998 to 2002.**  
**Director, Cardiac Electrophysiology Laboratory, Eisenhower Medical Center, 1996 to Present**  
**Assistant, Department of Medicine, Division of Cardiovascular Diseases - Lankenau Hospital - 1992 - 1994**

## **WORK EXPERIENCE**

**Desert Cardiology Consultants' Medical Group, Inc., Rancho Mirage, CA**  
**Director, Department of Cardiac Electrophysiology - September, 1994 to Present**  
**Main Line Arrhythmia and Cardiology Consultants, Wynnewood, PA**  
**Attending Cardiologist - 1992 to 1994**

## **SOCIETIES**

**North American Society of Pacing and Electrophysiology**  
**American College of Cardiology**  
**American Medical Association**  
**Greater Los Angeles Society of Electrophysiologists**  
**Riverside County Medical Association**

## **COMMITTEES**

**Steering Committee - N.I.H. Atrial Fibrillation Trial. 1996 - 2004**  
**Eisenhower Medical Center:**  
**Cardiology Quality Improvement Committee –2002 to present**  
**Medical Bylaws Committee - 2001**  
**Medical Executive Committee - 2000 to 2002 -**  
**Medical Staff Secretary-Treasurer**  
**Code Blue Committee - 1998**  
**Institutional Review Board - 1994 to 1999**  
**Critical Care Committee - 1996 to 1999**

## **AWARDS AND HONORS**

**Phi Beta Kappa**  
**Magna Cum Laude**  
**Thomas Arkle Clark Award**  
**Player's Player Award**

## CLINICAL RESEARCH PROTOCOLS

### ACTIVE

Site Principal Investigator: ASSIST: AF Suppression with St. Jude ICD.  
St. Jude. 2005

Site Principal Investigator: RESPECT Study of Septal Pacing for Atrial  
Fibrillation. Medtronic. 2004 - present.

Site Principal Investigator: Atrial Fibrillation and Congestive Heart Failure  
(AF-CHF). Canadian Institute of Health Research. 2001-present.

### COMPLETED

Site Principal Investigator: Overdrive Dual-Chamber Pacing to Reduce the  
Incidence of Ventricular Tachyarrhythmias. Guidant. 2004

Site Co-Investigator: REFLEX Study of Guidant Defibrillator Lead. Guidant.  
2004

Site Principal Investigator: CONTAK RENEWAL Heart Failure Heart Rate  
Variability Registry. Guidant. 2003 - 2004.

Site Co-Investigator: Three Dimensional Lead Reconstruction In Vivo.  
Medtronic. 2003 - 2004.

Site Co-Investigator: The National Registry to Advance Heart Health. Guidant.  
2003 - 2004.

Site Co-Investigator: Ventricular Arrhythmia Suppression Trial. Guidant.  
2003 - 2004.

Site Principal Investigator: IV Tedisamil for Acute Treatment of Atrial  
Fibrillation. Solvay Pharmaceuticals. 2000 - 2002.

Site Principal Investigator: Study of Intravenous Magnesium for Acute  
Myocardial Infarction. (MAGIC) National Institute of Health.  
1999 – 2002.

Site Principal Investigator: Atrial Fibrillation in Rhythm Management.  
(AFFIRM) National Institute of Health. 1995 – 2002.

Site Principal Investigator: AT-500 Pacing Protocol to Prevent Atrial  
Fibrillation. Medtronic, Inc. Sponsored. 2000.

Site Principal Investigator: Comparison of RV Apical to RV Outflow Tract  
Pacing Post-AV Node Ablation. Medtronic, Inc. Sponsored. 1998.

Site Principal Investigator: Overdrive Pacing to Prevent Recurrent  
Ventricular Tachycardia. Guidant, Inc. Sponsored.

Site Principal Investigator: TEE evaluation of mechanical atrial function  
during ventricular fibrillation. Medtronic, Inc. Sponsored.

Site Principal Investigator: Medtronic Transvenous 6942 ICD Lead  
Evaluation

Site Principal Investigator: A Prospective Randomized Study of Recurrent  
Unexplained Syncope and Tilt Table Testing (RUSTT). Wyeth-Ayerst  
Laboratories

- Site Principal Investigator: Double-Blind Randomized Evaluation of Propafenone Therapy on Defibrillation Threshold in Patients with Implantable Cardiac Defibrillators. Knoll Pharmaceuticals**
- Co-Investigator: Synergistic Effects of Risk Factors for Sudden Cardiac Death. Guidant**
- Co-Investigator: Antiarrhythmics Versus Implantable Devices (AVID) Multicenter, Randomized Trial. National Institute of Health**
- Co-Investigator: Intravenous Mexiletine for Drug Refractory Ventricular Tachyarrhythmias. Boehringer Ingelheim Pharmaceuticals**
- Co-Investigator: Multicenter Unsustained Ventricular Tachycardia Trial-"MUSTT". National Institutes of Health**
- Co-Investigator: Pacemaker Selection in the Elderly (PASE): A Quality of Life Study. Brigham and Women's Hospital, Harvard Medical School, Boston, Massachusetts**
- Co-Investigator: Use of Radiofrequency Energy for Endocardial Catheter Ablation on Supraventricular Tachyarrhythmias. Lankenau Hospital**
- Co-Investigator: A Placebo-Controlled Dose-Response Study to Assess the Effects of Intravenous Ibutilide in Patients with Atrial Flutter or Atrial Fibrillation. Upjohn Pharmaceuticals**
- Co-Investigator: Intermedics Model 101-01-Res-Q ICD For Control of Ventricular Arrhythmias. Intermedics Pacing, Inc.**
- Co-Investigator: Intravenous Ibutilide for the Management of Patients with Ventricular Tachycardia. Upjohn Pharmaceuticals**
- Co-Investigator: Clinical Investigation of the CPI Ventak PRx Pulse Generator, Prescriptor Programmer System and Program Disk. Cardiac Pacemakers, Inc.**
- Co-Investigator: CPI Model 1625 Ventak P2 Pulse Generator, Model 2835 Software Program Module and Model 2825 Ventak ECD. Cardiac Pacemakers, Inc.**
- Co-Investigator: Guardian ATP Model 4210 Clinical Study Protocol. Telectronics Pacing System, Inc.**
- Co-Investigator: Intravenous Amiodarone Compared with Bretylium for the Management of Patients with Life Threatening Ventricular Arrhythmias Wyeth Ayerst Laboratories**
- Co-Investigator: Clinical Evaluation of the Telectronics Pacing Systems Inc., Implantable Defibrillator Patch Model 040-105, 040-106, and 040-107, Telectronics Pacing Systems, Inc.**
- Co-Investigator: Clinical Evaluation of the Intermedics, Inc. 294-03 Permanent Pacemaker. Intermedics, Inc.**
- Co-Investigator: Phase II, Open-label, Multicenter Pilot Study to Assess the Activity of Bidisomide (SC-40230) in Stopping Established Supraventricular Tachycardia. Searle Laboratories**

**Co-Investigator: An Open-Label/Safety/Study of Intravenous Amiodarone HCL in Patients with Life-Threatening Ventricular Tachycardia/Fibrillation. Wyeth-Ayerst Laboratories**

**EDUCATIONAL PRESENTATIONS**

**Cardiac Resynchronization Therapy, Eisenhower Medical Center Heart Conference, Rancho Miirage, CA, February 2004**

**New Concepts in the management of AF, Eisenhower Medical Center Grand Rounds, September 2003.**

**Changes in the management of AF, Medtronic, Inc., January 2003.**

**Challenges in the Implantation of ICDs, Medtronic, Inc., November 2002.**

**AF in a Clinical Cardiology Practice. Guidant, Inc. June, 2001.**

**Associated Professionals Review Course for NASPE Certification Exam. Guidant Corporation. April 2000.**

**Update on Atrial Fibrillation. Riverside Community Hospital Grand Rounds. March 2000.**

**Third Annual Women and Heart Disease Conference. Sudden Cardiac Death . February, 2000.**

**The Cutting Edge of Atrial Fibrillation, Riverside Community Hospital. August 1999.**

**New Concepts in Atrial Fibrillation. Guidant, Inc. Vail, Colorado. March 1999.**

**The Cutting Edge of Atrial Fibrillation, Medtronic, Inc. Rancho Mirage, California. October, 1998**

**Up-Date on Electrophysiology, Cardiovascular Nurses Association Conference, May, 1998.**

**New concepts in Atrial Fibrillation, Annenberg Education Satellite Presentation, Rancho Mirage, CA, May 1997.**

**Implications of the M.A.D.I.T. Trial, Rancho Mirage, CA., February, 1997**

**Update in Cardiac Electrophysiology, Palm Springs, CA., January, 1997**

**Techniques for Patient Recruitment into Clinical Trials. Denver, CO.,  
October, 1996**

**New Concepts in Syncope. Desert Hospital Medical Grand Rounds,  
January, 1996.**

**Syncope: Separating Fact from Fiction. Eisenhower Medical Center,  
Medical Grand Rounds, January, 1996.**

**Implantable Cardioverter Defibrillator Therapy, 1995, Hemet, California,  
October, 1995.**

**New Indications for Cardiac Pacing, Hemet, California. April, 1995.**

**Radiofrequency Energy Catheter Ablation of Cardiac Arrhythmias.  
Eisenhower Medical Center Medical Center Grand Rounds, November,  
1994.**

**Recurrent Syncope and Vasovagal Dysfunction. Episcopal Hospital, 1994  
Update in Cardiology, May, 1994.**

**The Patient with Recurrent Syncope. Chester Valley Hospital, Cardiology  
Grand Rounds, May, 1994.**

**Topics in Cardiac Electrophysiology. Sacred Heart Hospital Annual  
Cardiac Update, December, 1993.**

**Head Up Tilt Testing for Cardiovascular Neurogenic Syncope. An Interview  
with Dr. David Benditt at the University of Minnesota. Educational film.  
Supported by Wyeth-Ayerst Laboratories, September, 1992.**

**The Treatment of Hypertension in the 90's. CIBA-GEIGY Educational  
Program. Temple University Hospital, 1991.**

## **PUBLICATIONS**

- 1. Olshansky, B, Rubin, A, Owens, S, et al. Does Amiodarone Place Patients with AF and Pulmonary Disease at Excess Risk? Results from the AFFIRM Study. (in review).**
- 2. Stevens, SK, Haffajee, CI, Nacarelli, GV, Schwartz, KM, Luceri, RM, Packer, DL, Rubin, AM, Kowey, PR. Effects of Oral Propafenone on**

- Defibrillation and Pacing Thresholds in Patients Receiving Implantable Cardioverter-Defibrillators. JACC:28:2:418, 1996.**
- 3. Kosmas CS, Dalessandro DA, Langieri G, Rubin, AM, Rials SJ, Marinchak RA, Kowey PR. Monomorphic right ventricular tachycardia in a patient with mitral valve prolapse. Pacing and Cardiac Electrophysiology, April, 1996.**
  - 4. Rials SJ, Wu Y, Ford N, Pauletto FJ, Abramson SV, Rubin AM, Marinchak RA, Kowey PR. Effect of Left Ventricular Hypertrophy and its regression on ventricular electrophysiology and vulnerability to inducible arrhythmia in the feline heart. Circulation 1995;2:426.**
  - 5. Kolecki R., Rubin AM, Marinchak RA, Rials SJ, Kowey PR. Alternating Bundle-Branch Block: Assessing the Need for Pacing. Choices in Cardiology, 1994;8:5.**
  - 6. Kowey PR, Marinchak RA, Rials SJ, Rubin AM, Smith L. Electrophysiologic testing in patients who respond acutely to intravenous amiodarone for incessant ventricular tachyarrhythmias. Am Heart J 1993;125:1628.**
  - 7. Rubin AM, Rials SJ, Marinchak RA, Kowey PR. The head up tilt table test and cardiovascular neurogenic syncope. Am Heart J 1993; 125:476.**
  - 8. Kowey PR, Marinchak RA, Rials SJ, Rubin AM. Overview of the treatment of myocardial infarction: Acute treatment and prophylaxis. Cardiovascular Reviews and Reports 1993;14:54.**
  - 9. Kowey PR, Taylor JE, Marinchak RA, Rials SJ, Rubin AM. Preventing supraventricular arrhythmia after CABG surgery. Choices in Cardiology 1993;7:298.**
  - 10. Rubin AM, Kowey PR, Marinchak RA, Rials SJ. Syncope in a patient with cardiac conduction disease. Choices in Cardiology 1992;6:194.**
  - 11. Rials SJ, Rubin AM, Marinchak RA, Kowey PR. Presyncope in a pacemaker patient. Choices in Cardiology 1993;7:14.**
  - 12. Kowey PR, Marinchak RA, Rials SJ, Rubin AM. Sneezing and sudden death. Choices in Cardiology. 1993;7:97.**
  - 13. Marinchak RA, Rials SJ, Rubin AM, Kowey PR. Wide QRS complex**

- tachycardia in a post-coronary artery bypass surgery patient. *Choices in Cardiology*. 1993;7:251.
14. Rials SJ, Caplan JL, Rubin AM, Marinchak RA, Kowey PK. Presyncope in a young athlete. *Choices in Cardiology*. 1993;7:290.
  15. Langieri G, Kowey PR, Fornace JW, Marinchak RA, Rials SJ, Rubin AM. Unexplained near syncope in a young woman. *Choices in Cardiology*, Vol. 8, 1994.
  16. Hernandez M, Rubin AM, Marinchak RA, Rials SJ, Kowey PR. Outcome of patients with nonsustained ventricular tachycardia and severely impaired ventricular function who have negative electrophysiology studies. *American Heart Journal*, Vol. 129, p. 492, 1995.
  17. Cooper GS, Rubin AM, Marinchak RA, Rials SJ, Kowey PR. Chest pain and an abnormal ECG in a young woman. *Choices in Cardiology*, Vol. 7, p. 352, 1994.
  18. O'Riordan MJ, Marinchak RA, Rials SJ, Rubin AM, Kowey, PR. Management of ventricular arrhythmia since the cardiac arrhythmia suppression trial. *Journal Myocardial Ischemia*. 1994;6:27

#### **BOOK CHAPTERS**

1. Kowey PR, Haberman RJ, Rubin AM. Supraventricular Arrhythmias: Crawford M. ed. *Current Diagnosis and Treatment in Cardiology*. Appleton and Lange Publishers, 1994.
2. Rubin AM, Morganroth J., Kowey, PR. Ventricular Premature Beats in: Podrid, PJ, Kowey PR, eds. *Arrhythmia: A Clinical Approach*. Williams and Wilkins, 1994.

#### **ABSTRACTS PRESENTED**

1. Olshansky, B, Rubin A, Owens S, et al. Does Amiodarone place patients with atrial fibrillation and pulmonary disease at excess risk? (Presentation at the 24<sup>th</sup> session of the North American Society of Pacing and Electrophysiology, 2003.)
2. Kowey P, Taylor J, Hernandez M. Marinchak R, Rials S, Rubin A. Outcome of patients with nonsustained ventricular tachycardia and

**severely impaired left ventricular function who have negative electrophysiology studies. (Presented at the 66th Scientific Sessions of the American Heart Association, November 1993.)**

- 3. Steve ns S, Haffajee C, Naccarelli G, Schwartz K, Lucerir R, Rubin A, Kowey P, Packer D. The effect of propafenone on defibrillation thresholds. Presentation at North American Society of Pacing and Electrophysiology, 1995.**