

CURRICULUM VITAE

KEVIN MICHAEL COY, M.D., F.A.C.P., F.A.C.C.

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Miami, Florida 33137

STAFF PRIVILEGES: **Jackson Memorial Hospital**
Miami, FL

Mount Sinai Medical Center/Miami Heart Institute
Miami Beach, FL

University of Miami Hospital
Miami, FL

EDUCATION:

9/82-6/86 University of Florida College of Medicine
M.D. with Honors in Research, May 1986

9/79-5/82 University of Florida
Gainesville, Florida
Accepted for early admission to medical school

POST GRADUATE TRAINING:

1992 Fellowship in Angioplasty
San Francisco Heart Institute
Daly City, California

6/89-6/92 Fellowship
Cedars Sinai/UCLA
Los Angeles, California

6/86-6/89 Residency
University of Florida, Affiliated Hospitals
Department of Internal Medicine
Gainesville, Florida

6/82-6/86 Medical School
University of Florida
Gainesville, Florida

HONORS

- 1995 Awarded Fellowship to American College of Physicians
- 1994 Awarded Fellowship to the American College of Cardiology
- 1991 Recipient of the 1991 American Heart Association (L.A. Affiliate) Laverna Titus Young Investigator Award of Clinical Research
- 1986 M.D. with Honors in Research, University of Florida
- 1986 Alpha Omega Alpha Research Award
- 1982 Awarded membership to Phi Kappa Phi (National Academic Honor Society)
- 1979 Ontario Merit Scholarship

FACULTY

Co-Director, Interventional Cardiology Annual International Symposium
Snowmass, CO. March 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009

Advanced Coronary Stenting, Thirteenth Annual International Symposium
Sheraton Bal Harbor, FL, January 1996, 1997, 1998

Performed Live Case Demonstrations at Advanced Coronary Stenting
Miami, FL 1997

Performed Live Case Demonstrations at Transcatheter Cardiovascular Therapeutics (TCT)
Miami, FL 2004

LICENSURE

California GOO65858
Florida ME50972

BOARD CERTIFICATION

- 2000 Diplomate, American Board of Interventional Cardiology
- 1991 Diplomate, American Board of Cardiology
- 1989 Diplomate, American Board of Internal Medicine
- 1987 Diplomate, National Board of Medical Examiners

PROFESSIONAL SOCIETIES

Fellow, American College of Cardiology
Fellow, American College of Physicians
Member, Florida Society of Internal Medicine

PROFESSIONAL EXPERIENCE

1996-Present	Managing Partner Miami International Cardiology Consultants, Inc. Miami Beach, Florida
2006-Present	Co-Director, Community Cardiac Practice Jackson Memorial Hospital
2007-Present	Associate Medical Director Jackson International
2005-2008	Chair, Cardiac Catheterization Committee Florida Chapter, American College of Cardiology (FCACC)
2003-2004	Chief, Cardiac Catheterization Laboratory Aventura Hospital
1998-2000	Chief, Cardiac Catheterization Laboratory Parkway Hospital
1999-2001	Co-Chairman, Division of Cardiovascular Medicine Miami Heart Institute & Medical Center Miami Beach, Florida

Consulting Cardiologist for Goodroe Healthcare Solutions, a VHA Company

Consultant for Cordis Corporation

Medical advisory board for Boston Scientific Corporation

PUBLICATIONS

ABSTRACTS

1. Paez, C., Margolis, J., Coy, K.M., Freeman, E. Percutaneous Aortic Valvuloplasty: Long-term survival. *Submitted 56th Annual Scientific Session American College of Cardiology, March 2007.*
2. Coy, K.M., Laas, T., Park, J.C., Siegel, R.J. Feasibility of Three Dimensional Intravascular Ultrasound in the Evaluation of Arterial Dissections Following Balloon Angioplasty. *Clinical Research, 1991; 39:89A.*
3. Coy, K.M., Basic, M., Park, J.C., Corday, S.R., Siegel, R.J. Texture Analysis of Intravascular Ultrasound Arterial Images as a means of Tissue Characterization. *Clinical Research. 1991; 39:118A.*
4. Rouillard, V.M., Fishbein, M.D., Coy, K.M., DonlMichael T.A., Siegel, R.J. Is Idiopathic Dilated Cardiomyopathy Reversible Condition. *Journal of the American College of Cardiology; 17:219A.*
5. Coy, K.M., Laas, T., Park, J.C., Siegel, R.J. 3-Dimensional Intravascular Facilitates the Evaluation of Arterial Dissections Following Balloon Angioplasty. *Journal of the American College of Cardiology, 1991:17:157A.*
6. Coy, K.M., Pepine, C.J., Circadian Variation in the Heart Rate Rise Occurring During Transient Ischemia Recorded with Daily Activity. *Journal of the American College of Cardiology, 1988;11:96A.*
7. Imperi, G.A., Coy, K.M., Lambert, C.R., Pepine, C.J. Effects of Titrating Beta Adrenergic Blockade Dose of Silent Myocardial Ischemia in Ambulatory Patients. *Journal of the American College of Cardiology; 1987;9:68A.*

MANUSCRIPTS

1. Coy, K.M., Park, J.C., Fishbein, M.C., Laas, T., Diamond, G.A., Adler, L., Maurer, G., Siegel, R.J. In Vitro Validation of Three-Dimensional Intravascular Ultrasound for the Evaluation of Arterial Injury Following Balloon Angioplasty. *Journal of the American College of Cardiology: 20:092-700, 1992.*
2. Coy, K.M., Goodman, D., Maurer, G., Siegel, R.J. Transesophageal Echocardiographic Detection of Aortic Atheromatosis May Provide Clues to Occult Renal Dysfunction in the Elderly. *American Hart Journal, 123:164-166, 1992.*
3. Coy, K.M., Maurer, G., Siegel, R.J. Intravascular Ultrasound Imaging: A Current Prospective. *Journal of the American College of Cardiology, 20:092-700, 1992.*

MANUSCRIPTS (continued)

4. Coy, K.M., Goodman, D., Maurer, G., Siegel, R.J. Transesophageal Echocardiographic Detection of Aortic Atheromatosis May Provide Clues to Occult Renal Dysfunction in the Elderly. *American Heart Journal*, 123:164-166, 1992.
5. Coy, K.M., Maurer, G., Siegel, R.J. Intravascular Ultrasound Imaging: A Current Perspective. *Journal of the American College of Cardiology*; 18:1811-1823, 1991.
6. Coy, K.M., Park, J.C., Sheffer, A., Smith, A., Ariani, J., Chae, J.S., Siegel, R.J. Spontaneous Echo Contact Effects as an Indicator of a Flow Limiting Coronary Stenosis. *American Journal of Cardiology*, 18:1811-1823, 1991.
7. Coy, K.M., Park, J.C., Siegel, R.J. Intravascular Ultrasound Imaging: From Experimental Studies to Clinical Use. *Cardiovascular Imaging*, 1991.
8. Aull, L., Chao, H., Coy, K.M. Heparin-Induced Hyperkalemia. DCIP, *The Annals of Pharmacotherapy*, 1990;24:244-6.
9. Coy, K.M., Imperi, G., Lambert, C.R., Pepine, C.J. Application of Time Series Analysis to Circadian Rhythms: Effect of Beta-Adrenergic Blockade Upon Heart Rate and Transient Myocardial Ischemia. *American Journal of Cardiology*, 1990;66:226-246.
10. Coy, K.M., Pepine, C.J. Recording Transient Myocardial Ischemia By Ambulatory Electrocardiography. *Cardiovascular Review and Rep.*, 1988;9:6-69.
11. Imperi, G.A., Lambert, C.R., Coy, K.M., Lopez, L., Pepine, C.J., Effects of Titrated Metoprolol on Silent Myocardial Ischemia in Ambulatory Patients with Coronary Artery Disease. *American Journal of Cardiology*, 1987;60:519-524.
12. Coy, K.M., Pepine, C.J., Imperi, G.A. Effects of Beta Blockade on Silent Myocardial Ischemia. *Cardiology Board Review*, 1998;5:143-152.
13. Coy, K.M., Imperi, G.A., Pepine, C.J. Silent Myocardial Ischemia During Daily Activities in Asymptomatic Men with Positive Exercise Tests. Ca. *American Journal of Radiology*, 1987;59:45-49.

BOOK CHAPTERS

1. Siegel, R.J., Crew, J.R., Coy, K.M., Cumberland, D.L. *Ultrasound Angioplasty; An Alternative to Thermal Angioplasty in Endovascular Surgery (second edition)*, Moore WS Ahn S1 (Ed). Orlando, Florida. W.B. Saunders Co., 1992.
2. Pepine, C.J., Coy, K.M., Lambert, C.R. Silent Myocardial Ischemia During Daily Activities in Asymptomatic Patients with Positive Treadmill Tests. Chapter 8. *In Silent Myocardial Ischemia and Angina; Prevalence, Prognostic and Therapeutic Significance*, Singh BN (Ed). New York. 1988-98-103.

PRESENTATIONS

1. "Emergencies at Sea". 11th Annual Institute of Cruise Ship Medicine. Doral, FL, August, 2011.
2. "Vulnerable Plaque, the New Frontier". XXII Congreso Peruano de Cardiología, Lima, Peru, April 2011.
3. "Nuevas Tendencias en Cardiología". I Congreso Científico Hospital Santo Tomas, Panama, February 2011.
4. "Current State-of-the-Art Treatments for Acute Coronary Syndrome". Insurance Association of the Caribbean (IAC) Annual Conference, Aruba, 2010.
5. "Managing a Cardiology Practice - Business in a Tough Economic Climate". BIOTRONIK DT&T, Miami Beach, FL, 2010.
6. "Cardiac Emergencies - Current Therapies". 1^{er} Taller Internacional de Trauma, Bogotá, Colombia, 2009.
7. "Acute Intervention for ST Segment Elevation MI". Caribbean Cardiac Society (CCS), Barbados 2009.
8. "Acute Coronary Syndrome Management at Sea". Eighth Annual Institute of Cruise Ship Medicine, Miami, Florida, 2008.
9. "Acute Coronary Syndrome EKG Evaluation at Sea". Seventh Annual Institution of Cruise Ship Medicine, Miami, Florida, 2007.
10. "Aortic Valvuloplasty in 2007. A Bridge to Aortic Valve Replacement". Caribbean Cardiac Society (CCS), Martinique, July 2007.
11. "ECHO Optimization of Biventricular Pacing". Interventional Cardiology Annual International Symposium, Snowmass, Colorado, 2006.
12. "Research Challenges in a Private Practice Setting". Caribbean Cardiac Society (CCS), Jamaica, July 2006.
13. "Nipride Prevents the No Reflow Phenomenon in Acute Coronary Syndromes". Aspen, Colorado, March 2001.
14. "Heparin Induced Thrombocytopenia". Barbados, BWI, Caribbean Congress of Cardiology, July 2001.
15. "The Role of Hyperlipidemia in the Generation of Atherosclerotic Heart Disease". Medical Association of Jamaica, Annual Symposium, Jamaica, June 1996.

PRESENTATIONS (continued)

16. "Intracoronary Stenting: Panacea or Hype?". Caribbean Cardiovascular Symposium, Miami, Florida, 1995.
17. "New Indications of Anticoagulation 1996". Timely Topics in Medicine, St. Joseph's Hospital, Tampa, Florida, January 1996.
18. "Use of Anticoagulants in Myocardial Infarctions and Atrial Fibrillation". Southern Medical Association, Kansas City, Missouri, November 1995.
19. "Assessment and Management of Acute Myocardial Infarction". Daytona Medical Center, Daytona, Florida, December 1994.
20. "Thrombolytic Therapy in Acute Myocardial Infarction". Miami Heart Institute, Miami Beach, Florida, November 1994.
21. "Three-Dimensional Reconstruction of Intravascular Ultrasound Images after Balloon Angioplasty". American College of Cardiology, Atlanta, Georgia, May 1991.
22. "Feasibility of Three-dimensional Intravascular Ultrasound in the Evaluation of Arterial Dissection Following Balloon Angioplasty". American Federation for Clinical Research (Western Society), Carmel, California, February 1991.
23. "Reduction of Morning Increase in Silent Myocardial Ischemia by Beta Blockade". International Council on Circadian Variation in Cardiovascular Disease, Phoenix, Arizona 1989.
24. "Effects of Titrating Beta Blocker Therapy on Silent Ischemia in Ambulatory Patients". Preceding the Scientific Session of the American College of Cardiology, Atlanta, Georgia, March 1988.
25. "Circadian Variation of Silent Myocardial Ischemia Effects of Beta Adrenergic Blockade". American Heart Association Scientific Sessions, Anaheim, California, November 1987.
26. "Circadian Variation in the Heart Rate Rise Occurring During Transient Ischemia Recorded with Daily Activity". American College of Cardiology Scientific Sessions, Atlanta, Georgia, March 1988.
27. "Silent Myocardial Ischemia". Alpha Omega Alpha Convocations Ceremony, University of Florida, 1986.

VIDEO PRODUCTION

1. Television segment on Women's Cardiovascular Health, And the Women Gather, 2011.
2. Consultant to Searle Pharmaceutical Company, 1996.
3. Consultant to DuPont Pharmaceutical Company on clinical aspects of anticoagulation.
4. Served as physician expert on the use of anticoagulation in coronary artery disease video production for DuPont Pharmaceutical Company, April 1994.
5. Developed education videotape for cardiologists on behalf of the Eli Lilly Corporation, 1989.

COMMUNITY SERVICE

1. Participant in multi-cultural Health Advisor Panel sponsored by the State of Florida Health Organization. 1994.
2. Produced and participated in multiple cable television educational programs for community health awareness programs in Florida.

RESEARCH EXPERIENCE

Principal Investigator

Principal Investigator at Miami Heart Institute:

1. M & M. Phase 3, double blind, placebo-controlled study to evaluate the effects of Darcetrapib on cardiovascular risk in stable CHD patients, with a documented recent Acute Coronary Syndrome. 2008
2. Enhanced External Counterpulsation (EECP). National Registry. 1998-present.
3. ALTO MSP Cardiac Resynchronization System: Clinical evaluation of cardiac resynchronization therapy with implantable cardioverter defibrillator therapy. 2005-2008.
4. ACOMPLISH. Avoiding Cardiovascular Events through Combination Therapy in patients living with systolic hypertension. 2003-2008.
5. "A Heft (African-American Heart Trial) A Placebo-Controlled Trial of BiDil® Added to Standard Therapy in African-American Patients with Heart Failure. 2003.
6. Taxus V ("A Randomized, Double-blind Trial to Assess Taxus™ Paclitxel-Eluting Coronary Stents slow-Release Formulation, in the Treatment of High Risk De Novo Coronary Lesions". 2003.

RESEARCH EXPERIENCE (continued)

7. A prospective, multinational, multicenter, double-blind, randomized, active-controlled trial to compare the effects of LOTREL (amlodipine/benazepril) to benazepril and hydrochlorothiazide combined on the reduction of cardiovascular morbidity and mortality in patients with high risk hypertension ACCOMPLISH (Avoiding Cardiovascular Events through COMbination Therapy in Patients Living with Systolic Hypertension). 2003.

Co-Principal Investigator

1. ARISTOTLE. A phase 3, Active (warfarin) Controlled, Randomized, Double-Blind, Parallel Arm Study to Evaluate the Efficacy and Safety of Apixaban In Preventing Stroke and Systemic Embolism in Patients with Nonvalvular Atrial Fibrillation. 2008-Present.
2. ALTITUDE. A randomized, double-blind, placebo controlled, parallel group study to determine whether, in patients with type 2 diabetes at high risk for cardiovascular and renal events, ALISKIREN(tekturna), on top of conventional treatment, reduces cardiovascular and renal morbidity and mortality. 2007-Present.
3. PRECISION. Prospective Randomized Evaluation of Celecoxib Integrated Safety vs. Ibuprofen Or Naproxen. 2007-Present.
4. IMPROVE IT. A Multicenter, Double-Blind, Randomized \ Study to Establish the Clinical Benefit and Safety of Vytorin vs Simvastatin Monotherapy in High-Risk Subjects Presenting With Acute Coronary Syndrome. 2006-Present.
5. A Multicenter, Double-Blind, Randomized study to Establish the Clinical Benefit and Safety of Vytorin (Ezetimibe/Simvastatin tablet) vs. Simvastatin Monotherapy in High-Risk Subjects Presenting with Acute Coronary syndrome (IMPROVE Reduction of Outcomes: Vytorin Efficacy International Trial-IMPROVE IT). 2005-Present.
6. CHAMPION PLATFORM. Cangrelor versus standard tHerapy to Achieve optimal management of Platelet InhibitiON.
7. AGELESS. A 36 Week Randomized, Double-Blind, Parallel Group,Multi-Center, Active-Controlled, Optional Titration Study Comparing an Aliskiren-Based Regimen to a Ramipril-Based Regimen in Patients > 65 Years old with Systolic Essential Hypertension. 2006-2008.
8. ATHENA. A placebo-controlled, double-blind, parallel arm Trial to assess the efficacy of dronedarone 400mg bid for the prevention of cardiovascular Hospitalization or death from any cause in patients with atrial Fibrillation/atrial flutter. 2005-2008.
9. STRADIVARIUS. Randomized, multicenter, double-blind, placebo-controlled, two arm parallel group trial of rimonabant 20mg od, for inhibition of atherosclerosis progression assessed by IVUS, in overweight patients with clustering risk factors. 2005-2007.

RESEARCH EXPERIENCE (continued)

10. EARLY-ACS. Early Glycoprotein IIB/IIIa in Non-ST-segment Elevation Acute Coronary Syndrome: A Randomized, Placebo-Controlled Trial Evaluating the Clinical Benefits of Early Front-loaded Eptifibatide in the Treatment of Patients with Non-ST- segment Elevation Acute Coronary Syndrome. 2005-2007.
11. Phase 3, Multicenter, Double-Blind, Randomized, Parallel Group. Coronary Artery Intravascular Ultrasound Evaluation of the Antiatherosclerotic efficacy, safety and tolerability of fixed combination CP529,414/Atorvastatin. Administer orally, once daily for 24 months, compare with Atorvastatin alone, in subjects with Angiographically documented coronary heart disease. 2003-2007.
12. MEDCLOSE. Randomized, prospective, Multicenter trial for MedClose™ Vascular Closure System. 2005-2006.
13. Randomized, prospective, multi-center trial of the MedClose™ Vascular Closure System. 2006.
14. An 8-week RANDOMIZED, Double-Blind, Placebo-Controlled Trial Examining the Efficacy and safety of Caduet in Simultaneously Achieving Blood Pressure and Lipid Goals in an Untreated Hypertensive and Dyslipidemic Subject Population. CUSP STUDY. 2006.
15. Randomized, multicenter, double-blind, placebo-controlled, two-arm parallel group trial of rimonabant 20-mg od, for inhibition of atherosclerosis progression assessed by IVUS (Intra Vascular Ultrasounds), in overweight patients with clustering risk factors. STRADIVARIUS. 2005.
16. Early Glycoprotein IIB/IIIa inhibition in Non-ST Elevation Acute Coronary syndrome; A Randomized, Placebo-Controlled trial Evaluating the Clinical benefits of Early Front-loaded Eptifibatide in the Treatment of Patients with Non-ST-Segment Elevation Acute Coronary Syndrome (EARLY ACS). 2005-present.
17. The ACUITY trial: a randomized comparison of Angiomax (bivalirudin) versus Lovenox/Clexane (enoxaparin) in patients undergoing early invasive management for Acute Coronary Syndromes without ST elevation. 2004.
18. "The XaNADU-ACS Study" A safety and efficacy assessment of DX9065a in patients with non-ST elevation acute coronary syndrome. 2003.
19. Boss (Bifurcation Optimized with the SLK-View™ Stent) "The SLK-View™ Side Access Coronary Stent Non-Randomized Pivotal Study". 2003.
20. Catch "Prospective, Two-Arm, Multi-center, clinical Trial to Assess the Safety and Efficacy of the Netting Embolic protections system During Percutaneous Interventional Treatment of De Novo Coronary Saphenous Vein Graft Lesions". 2003.
21. Guard "The Guard Trial" Saphenous Vein Graft Intervention Using AngioGuard™ /Angioguard XP™ and PercuSurge® Guardwire®™ for Reduction of Distal Embolization P99-6001. 2003.

RESEARCH EXPERIENCE (continued)

22. The Prevail Study “A Phase II, Multi-center, Double-Blind, Placebo-Controlled, Dose Ranging Study to Evaluate the Safety & Efficacy of BO-653 in Prevention of Post-Angioplasty Restenosis in stented Lesions”. 2002.
23. Snapist: A phase Safety study of Systemic Nonparticle “Paclitaxel ABI-007 for In-stent Restenosis”. 2001.
24. Sound Wave Inhibition of Neointimal Growth (SWING). 2001.
25. Target Study (a randomized trial comparing Aggrastat and Reopro in patients undergoing intracoronary stent placement). 2000.
26. Laser Angioplasty of Restenosed Stents (Lars Study) (a randomized trial comparing laser angioplasty with standard intervention in in-stent restenosis). 2000.
27. Gusto Study (a randomized study combining thrombolytic agents combined with glycoprotein II B/III A receptor inhibitors) 2000.
28. Intraluminal Therapeutics, Inc. Safe-Steer Guide Wire System Coronary Artery Total Occlusion Study (CATS). 2000.
29. Scores Trial (Scimed Stent Comparative Restenosis Trial). 1997.
30. SMART (a randomized multi-center trial of native coronary stenting with the AVE micro stent and the Palmaz-Shatz stent to limit clinical restenosis). 1997.