

CURRICULUM VITAE

Prepared 01/01/17

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Date of Birth: May 28, 1956

Place of Birth: San Francisco, California

Citizenship: United States

Education:

1978	B.A. in Physiology, University of California, Berkeley, CA
1983	Ph.D. in Physiology, University of California, San Francisco, CA
1987	M.D., Albert Einstein College of Medicine, Bronx, NY

Postdoctoral Training Internship and Residencies:

1987-1988	Intern in Medicine, Beth Israel Hospital, Boston, MA
1988-1989	Junior Assistant Resident, Internal Medicine, Beth Israel Hospital, Boston, MA
1989-1990	Senior Assistant Resident, Internal Medicine, Beth Israel Hospital, Boston, MA
1990-1993	Research and Clinical Fellow in Cardiology, Harvard Medical School and Beth Israel Hospital Boston, MA

Research Fellowships:

1978-1979	Regent's Fellow in Physiology, University of California, San Francisco
1984	Research Fellow, Coronary Research Laboratory, Albert Einstein College of Medicine
1990, 1992	Cardiovascular Research Training Grant, Harvard Medical School and Beth Israel Hospital

Licensure and Certification:

1989-1994	Massachusetts License for Medicine and Surgery #7133 (inactive)
1990-2000	Diplomate-American Board of Internal Medicine #133098
1993-2001	D. C. License for Medicine and Surgery #20206 (inactive)
1993-2003	Diplomate-American Board of Internal Medicine,
2012-2022	Subspecialty in Cardiovascular Diseases #133098
1999-2009	Diplomate-American Board of Internal Medicine,
2013-2023	Subspecialty in Interventional Cardiology #133098
2000-	Indiana License for Medicine and Surgery #01052687A

Academic Appointments:

July 1987-June 1992	Clinical Fellow in Medicine, Harvard Medical School, Boston, MA
July 1992-June 1993	Instructor in Medicine, Harvard Medical School, Boston, MA
July 1993-June 1998	Assistant Professor of Medicine (Cardiology) Georgetown University, Washington, D.C.
July 1998-June 2000	Associate Professor of Medicine (Cardiology) Georgetown University, Washington, D.C.
July 2000- Present	Professor of Clinical Medicine (Cardiology) Indiana University School of Medicine, Indianapolis, IN

Hospital/Clinical Appointments:

July 1989-June 1990	Physician of the Day, Boston Veterans Administration Hospital, Boston, MA
July 1989-June 1993	Medical Officer of the Day, Brockton Veterans Administration Hospital, Brockton, MA
July 1990-June 1993	Urgent Care Physician, Peabody Medical Associates, Peabody, MA
July 1990-June 1993	Urgent Care Physician, Walk-In Center, Beth Israel Hospital, Boston, MA
July 1990-June 1993	Clinical Fellow, Cardiovascular Division, Beth Israel Hospital, Boston, MA
July 1992-June 1993	Attending Physician, Emergency Room, Beth Israel Hospital, Boston, MA
July 1993-June 2000	Attending Cardiologist and Associate Director, Cardiac Catheterization Laboratory Georgetown University Medical Center, Washington, D.C.
July 1994-June 2000	Attending Physician (WOC), Cardiology Section Washington Veterans Administration Hospital

Hospital/Clinical Appointments (continued):

July 2000-Present	Attending Cardiologist, Cardiac Catheterization Laboratories and Interventional Cardiology, Indiana University
July 2000-Present	Attending Cardiologist, Methodist, University, West and North Hospitals (Indiana University Health), Indiana University
July 2000-Present	Attending Cardiologist, Wishard Memorial Hospital Indiana University, IUPUI
July 2000-Present	Attending Cardiologist, Richard L. Roudebush V. A. Hospital Indiana University, IUPUI
July 2000-2012	Director, Cardiac Catheterization Laboratories and Interventional Cardiology, Indiana University
2012-Present	Chief Information Technology and Safety Officer, Cardiovascular Service Line, Indiana University Health

Awards and Honors:

1978	Baccalaureate with Honors, University of California, Berkeley, CA
1979-1980	Teaching Assistantship, University of California, San Francisco, CA
1982-1983	Patent Fund Recipient, University of California San Francisco, CA
1987	Alpha Omega Alpha – Albert Einstein College of Medicine
1996	Excellence in Teaching Award, Cardiology Georgetown University Medical Center
1997	Outstanding Visit/Excellence in Teaching Award Georgetown University Medical Center, Dept of Medicine
2000	Lawrence A. Kyle Award for Excellence in House Staff Education Georgetown University Medical Center, Department of Medicine
2000	Sol Katz Society Award for Consistent Teaching Excellence Georgetown University Medical Center, Department of Medicine
2009-2010	Outstanding Teacher Award Indiana University School of Medicine Junior Medical Students
2010-2011	Department of Medicine Teaching Award Indiana University School of Medicine

Invited Lectures:

1984	Perinatal Research Conference Lecturer, The New York Hospital-Cornell Medical Center
1992	Emergency Medicine Lecturer, Beth Israel Hospital, Boston, MA

Invited Lectures (continued):

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| 1993 | Cardiovascular Grand Rounds
LAC + USC Medical Center, Los Angeles, CA |
| 1993,1995 | Department of Surgery Grand Rounds
Georgetown University Medical Center |
| 1994-1998 | Current Trends in Cardiology
Sacred Heart Medical Center, Cumberland, MD |
| 1995 | Department of Medicine Grand Rounds
Georgetown University Medical Center |
| 1995 | Rockingham Memorial Hospital Continuing Medical Education
Rockingham Memorial Hospital, Harrisonburg, VA |
| 1996 | NYLCare/Georgetown University Physician Update
Cardiology in General Medicine, Rockville, MD |
| 1996-1999 | American College of Physicians Internal Medicine Board Review
Georgetown University Medical Center |
| 1996 | Multi Disciplinary Grand Rounds
Georgetown University Medical Center |
| 1996 | Health Care Finance Administration/Peer Review Organization
Forum on Quality Improvement Interventions, Boston, MA |
| 1996 | Third Annual Mid-Atlantic Conference for Cardiovascular
Fellows, Georgetown University Medical Center |
| 1996 | MAMSI/Georgetown University
Chest Pain Update, Bethesda, MD |
| 1996 | Vencor Hospital-Cardiology Update
When to use Primary Angioplasty, Alexandria, VA |
| 1997 | Acute Myocardial Infarction-The First 72 Hours
ACCess AMI Teleconference, American College of Cardiology |
| 1997 | Harvey-Hufnagel Symposium
Georgetown University Medical Center |
| 1998 | Cardiology for the General Practitioner
Georgetown University Medical Center |
| 1998 | Management of Non Q-Wave Myocardial Infarction
University of Maryland Medical Center |
| 2000-2008 | Cardiology Update for Primary Care Physicians
Krannert Institute of Cardiology, Indiana University |
| 2001 | Invited Debate: The Radial Approach to Coronary Intervention:
Not Routinely in the Patient's Best Interest
American College of Cardiology, Orlando, FL |

Invited Lectures (continued):

- 2001 Acute Coronary Syndromes—the current era
Indiana University Internal Medicine Board Review
- 2001 Current Management of Acute Coronary Syndromes
Cardiac Surgery Grand Rounds, Indiana University
- 2002 Session Co-Chair: Optimal Stent Results
American College of Cardiology, Atlanta, GA
- 2002 Panelist: Atherectomy-When, Where, Why and How
American College of Cardiology, Atlanta, GA
- 2002 Session Co-Chair: Stent Selection
American College of Cardiology, Atlanta, GA
- 2002 Division of Cardiology Grand Rounds: Peripheral Vascular
Disease for the Cardiologist
Indiana University School of Medicine
- 2002 Department of Medicine Grand Rounds: Optimal Reperfusion
Therapy for Acute Myocardial Infarction
Indiana University School of Medicine
- 2002 Department of Medicine Grand Rounds: Management of Acute
Coronary Syndromes
Indiana University School of Medicine
- 2001- Department of Medicine Noon Lecture Series:
Treatment of Acute Myocardial Infarction
Indiana University School of Medicine
- 2003 Drug Coated Stents, Cardiovascular Nursing Update,
Clarian Health Partners
- 2004 Update in Thrombosis Symposium, Acute Coronary Syndromes
The CARE Group
- 2004 Division of Cardiology Grand Rounds: Treatment of Unstable
Angina
- 2004 Applications in Diagnostic Imaging,
American Roentgen Ray Society, Indianapolis/Chicago

Administrative Positions and Committees:

- 1978-1981 Committee on Human Research, University of California,
San Francisco, CA
- 1980-1983 Graduate Student's Council, University of California,
San Francisco, CA
- 1983-1987 Committee on Admissions, Albert Einstein College of Medicine,
Bronx, NY
- 1984-1986 Faculty-Student Senate, Albert Einstein College of Medicine

Administrative Positions and Committees (continued):

1993-2000	Associate Director, Cardiac Catheterization Laboratories and Interventional Cardiology, Georgetown University Medical Center
1993-2000	Residency Selection Committee, Department of Medicine Georgetown University Medical Center
1993-1997	Chair, Cardiopulmonary Resuscitation Committee Georgetown University Medical Center
1994-1997	Animal Care and Use Committee Georgetown University Medical Center
1994-1995	Research Planning and Operations Committee, Dept of Medicine, Georgetown University Medical Center
1995-1996	Chair, PTCA Clinical Process Committee, Georgetown University Medical Center
1995-2000	Cardiac Catheterization Credentials Committee, Georgetown University Medical Center
1995	Chair, Chest Pain Clinical Process Committee, Georgetown University Medical Center
1996, 2002-	Ad Hoc Reviewer; National Heart, Lung, and Blood Institute, Clinical Trials Review Committee
1996-1997	Clinical Resource Steering Committee, Georgetown University Medical Center
1996-1999	Quality Improvement Committee, Department of Medicine Georgetown University Medical Center
1996-1997	Quality Improvement Council, Georgetown University Medical Center
1997	Chair, Task Force on Graduate Training Opportunities, Department of Medicine, Georgetown University Medical Center
1997	Co-Chair, Hospital Task Force on Case Management, Georgetown University Medical Center
1997-2000	American Heart Association- Committee on Cardiac Catheterization
1997-2000	University Faculty Senate-Georgetown University
1997	Clinical Service Standard Subcommittee Georgetown University Medical Center
1998-2000	At-Large Member, Faculty Practice Group Board Georgetown University Medical Center
1998-2000	Vice Chair, Pharmacy and Therapeutics Committee Georgetown University Medical Center
1998-2000	Committee on Medical Education Georgetown University Medical Center
2001-	Peripheral Vascular Disease Committee American College of Cardiology

Administrative Positions and Committees (continued):

2001-2008	Abstract Grader, Scientific Sessions, American Heart Association
2000-	Director, Interventional Cardiology Section, Krannert Institute of Cardiology, Indiana University
2000-	Cardiology Fellowship Selection Committee, Krannert Institute of Cardiology, Indiana University
2000-	Director, Cardiac Catheterization Laboratories and Interventional Cardiology, Methodist Hospital, Indiana University Health
2001-	Co-Chair, AMI Clinical Process Committee, Methodist Hospital, Methodist Hospital, Indiana University Health
2002-	Member, Cardiovascular Operations Committee, Methodist Hospital, Indiana University Health
2002-	Member, Cardiovascular Program Care Data Management Committee, Methodist Hospital, Indiana University Health
2003-	Member, Executive Committee, Krannert Institute of Cardiology, Indiana University
2003-	Member, Krannert Institute of Cardiology-Director-Search Committee, Indiana University
2005-	Member, Pharmacy and Therapeutics Committee, Methodist Hospital, Indiana University Health
2006-	Member, Level1 Heart Attack Program Committee, Methodist Hospital, Indiana University Health
2006-	Chair, Cardiovascular PCI Process Committee, Methodist Hospital, Indiana University Health
2009-2013	Board of Directors, Indiana Chapter, American College of Cardiology

SUMMARY OF CLINICAL ACTIVITIES

During the past twenty-three years I have continued teaching medicine. I attend 25 weeks per year on the general cardiology service at Indiana University Health Methodist Hospital. During this time the team admits/consults on 40 new patients for initial evaluation. The team consists of a second or third year medical resident, two first year medical resident and frequently a third and fourth year medical student. The team may include pharmacy students, pharmacy residents, nursing students, physician assistants and nurse practitioners. In addition, I perform diagnostic and therapeutic cardiac catheterization procedures one to two days per week at the Indiana University Health Methodist Hospital. I specialize in teaching and performing high-risk percutaneous coronary interventions. I am also getting referrals from around the state for patients with medically refractory hypertrophic obstructive cardiomyopathy for consideration of catheter based ablation.

Teaching Assignments:

Ambulatory (Outpatient) Cardiology Elective:

Serving as a preceptor for house-staff and junior medical students in outpatient cardiology clinic (four hour/week, Direct contact- cardiology system, history taking, bedside examination, and management plan formulation). 1993-present

The time spent in teaching medical students, residents and fellows on the cardiology service is a highlight of my academic year. I have spent years developing an approach to teaching that involves teaching the process of developing clinical judgment, disease pathogenesis, physical examination skills and presentation skills. The experience of teaching the eager students and residents continues to excite me as I remember my own experience on the medical service at the Bronx Municipal Hospital as a student. I continue to teach medical students, interns and residents, and fellows on the cardiology service at Indiana University Health Methodist Hospital all under the auspices of Indiana University.

Weekly Conferences:

Interventional Cardiology Conference (Every Tuesday),
One hour conference dedicated to clinical case presentation, and year-long didactic lecture series devoted to invasive and interventional cardiology fellows.

Coronary Conference (Every Tuesday), a multidisciplinary conference designed for the high-risk surgical and interventional cases. All of the interventional cardiologists and cardiac surgeons are required to attend.

Clinical Decision Making Conference (Every Friday)
One hour conference dedicated to clinical decision making and cardiac catheterization. Conference attended by cardiology fellows, medicine house-staff and medical students on cardiology rotation.

Co-chair: AMI/PCI Conference
One hour conference dedicated to quality performance enhancements and to keeping all of the staff abreast of the latest statistics and requirements.

Hands-on-training and supervision for general cardiology fellows during cardiac catheterization rotation. Teaching basic principles of radiation safety, X-ray imaging, and all diagnostic aspects of cardiac catheterizations (3 days/week)

Hands-on-training and supervision for interventional cardiology fellows during their one-year interventional cardiology fellowship. Teaching principles and practice of interventional cardiology procedures including balloon angioplasty, stent, atherectomy and valvuloplasty procedures. Advanced invasive diagnostic procedures such as intravascular ultrasonography (IVUS), intracoronary physiologic lesion assessment (Doppler and pressure wire) (4 days/week)

Administrative Assignments:

Assist with advancing appropriate use criteria and quality indicators for cardiology across all IU Health facilities

Assist with procurement and standardization of all interventional cardiology equipment across all IU Health facilities

Assist with procurement and standardization of a cardiovascular picture and archiving system across all IU Health facilities

SUMMARY OF ADMINISTRATIVE ACTIVITIES

I have continued the work that I began nearly 20 years ago—building a superb clinical program. For the first twelve years this was as director of the interventional cardiology program at Indiana University Health. As such I helped develop protocols for best outcomes, helped establish the use of new procedures and devices for percutaneous intervention, and administered over a busy, high quality laboratory. I have now directed my efforts more recently on device standardization and price reduction across the Indiana University Health System. I am also serving as the clinical liaison as we implement a state-wide cardiovascular picture and report archiving system. I am also the clinical liaison for regulatory compliance for the cardiovascular service line, making recommendations about rules and regulations with respect to appropriate use, documentation and privacy.

Multi-center Clinical Investigations:

1991	Co-investigator, Zatebradine trial for chronic stable angina
1992	Co-investigator, Thrombolysis in Myocardial Ischemia Study (TIMI 3), Beth Israel Hospital
1992	Associate-Director, Core Angiographic Laboratory, Thrombolysis in Myocardial Infarction Study (TIMI 4), Beth Israel Hospital
1992	Co-investigator, Thrombolysis in Myocardial Ischemia Study (TIMI 7), Beth Israel Hospital
1993	Co-Principal Investigator, Biobehavioral Triggers of Myocardial Ischemia Study (TOMIS), Georgetown University Medical Center
1993	Co-Principal Investigator, Coronary Regression with Estrogen in Women, Study (CREW), Georgetown University
1994	Co-investigator, Balloon versus Optimal Atherectomy Trial (BOAT), Georgetown University Medical Center
1994	Co-investigator, Thrombolysis and Thrombin Inhibition and Acute Myocardial Infarction Study (TIMI 9), Georgetown University Medical Center

Multi-center Clinical Investigations (continued):

- 1995 Co-investigator, Randomized Efficacy Study of Tirofiban (MK-383) for Outcomes and Restenosis (RESTORE)
Georgetown University Medical Center
- 1995 Co-investigator, Randomized trial of aspirin versus aspirin plus heparin, versus aspirin plus hirudin in patients with acute myocardial infarctions not receiving thrombolytic therapy (ASIS-I), Georgetown University Medical Center
- 1995 Co-investigator, Stent Anti-thrombosis Regimen Study (STARS)
Georgetown University Medical Center
- 1996 Co-investigator, Myocardial Infarction with Novastan and t-PA (MINT) Trial, Georgetown University Medical Center
- 1996 Co-investigator, ACS Multi-Link Stent Clinical Equivalence in De Novo Lesions Trial (ASCENT),
Georgetown University Medical Center
- 1996 Co-investigator, Carotid Stent Supported Angioplasty (CSSA)
Georgetown University Medical Center
- 1996 Co-investigator, Reduced Anticoagulation after Vein Graft Stenting Pilot Study (RAVES Pilot),
Georgetown University Medical Center
- 1997 Co-investigator, Palmaz-Schatz *Crown* Balloon Expandable Stent with *Power Grip* Study,
Georgetown University Medical Center
- 1997 Co-investigator, Medinol *Nirvana* Balloon Expandable Stent
Georgetown University Medical Center
- 1997 Principal Investigator, EXCITE Trial (Evaluation of oral Xemilofiban in Controlling Thrombotic Events in patients undergoing coronary angioplasty or stent placement)
- 1997 Co-investigator, Bard EXTRA Trial (Evaluation of the XT stent for Restenosis in native Arteries)
- 1998 Clinical Events Committee
Biocompatibles *divYsio* Stent Randomized Control Trial
- 1999 SCIMED SYMBIOT Covered Stent Feasibility Study
Clinical Events Committee
- 1999 Co-investigator, Prevention of Restenosis with Tranilast and Its Outcomes (PRESTO)
Georgetown University Medical Center
- 1999 Principal Investigator, Norvasc for Regression of Minimal to Moderate Atherosclerotic Lesions by Intravascular Sonographic Evaluation (NORMALISE)
Georgetown University Medical Center
- 2000 Embol-X Aortic Cannula Feasibility Study
Clinical Events Committee

Multi-center Clinical Investigations (continued):

- 2001 Principal Investigator, Pharmacokinetic Study of Enoxaparin in Patients Undergoing Percutaneous Coronary Intervention (PEPCI) Indiana University Medical Center
- 2000 Principal Investigator, Coronary Revascularization Utilizing INTEGRILIN and Single-bolus Enoxaparin (The Cruise Study) Indiana University Medical Center
- 2001 Principal Investigator, Sound Wave Inhibition of Neointimal Growth (The Swing Study) Indiana University Medical Center
- 2001 Principal Investigator, Sonotherapy Prevention of Late Arterial In-Stent Hyperplasia (The SPLASH Study) Indiana University Medical Center
- 2001 Co-Investigator, Evaluation of the RX ACHIEVE Drug Coated Coronary Stent System in the Treatment of Patients with De Novo Coronary artery Lesions (DELIVER Clinical Trial) Indiana University
- 2002 Study Assessing Goals in the Elderly (SAGE) Trial Chairman, Cardiovascular Events Adjudication Committee
- 2002 Co-investigator, A Prospective Randomized Trial Evaluating the Symbiot III Covered Stent System in Saphenous Vein Grafts (SYMBIOT III) Indiana University
- 2003 Principal Investigator, Investigator, Protection During Saphenous Vein Graft Intervention to Prevent Distal Embolization (PRIDE Study), Indiana University
- 2002 Principal Investigator, Spinal Cord Stimulation for the Treatment of Refractory Angina, Indiana University
- 2002 Principal Investigator, ACT Guided Coronary Interventions Registry using Dalteparin (ACT – 1), Indiana University
- 2003 Steering Committee, ACT Guided Coronary Interventions Registry using Dalteparin (ACT – 1), Indiana University
- 2004 Co-investigator, Proximal Protection during Coronary Intervention using the Proxis Embolic Protection System: A Randomized Multicenter Clinical Trial
- 2003 Principal Investigator, A Multicenter, Randomized, Double Blind Controlled Study to Evaluate the Efficacy and Safety of Ad5FGF-4 in Patients with Stable Angina (AGENT-3), Indiana University
- 2003 Principal Investigator, e-Cypher Registry, Indiana University
- 2004 Principal Investigator, The Assessment of the Medtronic AVE Interceptor Saphenous Vein Graft Filter System (AMEthyst), Indiana University
- 2005 Principal Investigator, Safety and Efficacy of Enoxaparin in PCI patients, an international randomized Evaluation (STEEPLE), Indiana University

Multi-center Clinical Investigations (continued):

- 2004 Principal Investigator, A randomized comparison of Angiomax versus Lovenox in patients undergoing early invasive management for acute coronary syndromes without ST-segment elevation (The ACUITY Trial), Indiana University
- 2004 Principal Investigator, (ARRIVE 2), Multi-Center Safety Surveillance Program, Taxus Express Drug Eluting Stent Platform, Indiana University
- 2005 Principal Investigator, A comparison of CS-747 and clopidogrel in acute coronary syndrome subjects who are to undergo percutaneous coronary intervention (TIMI-38), Indiana University
- 2005 Co-investigator, Multicenter trial of the Orqis Medical CRS for the Enhanced Treatment of CHF Unresponsive to Medical Therapy (MOMENTUM), Indiana University
- 2005 Principal Investigator, FREEDOM TRIAL: Future Revascularization Evaluation in Patients with Diabetes Mellitus: Optimal Management of Multivessel disease, Indiana University
- 2006 Principal Investigator, ENDEAVOR IV Trial: A Randomized Controlled Trial of the Medtronic Endeavor Drug (ABT-578) Eluting Coronary Stent System versus the Taxus Paclitaxel-Eluting Coronary Stent System in De novo Native Coronary Artery Lesions, Indiana University
- 2006 Co-investigator, VA Coronary Artery Revascularization in Diabetes Study—VA CARDS, Roudebush VA Medical Center
- 2006 Principal Investigator, ZoMaxx II Trial: A Randomized Controlled Trial of the ZoMaxx Drug Eluting Coronary Stent System versus the Taxus Express Paclitaxel-Eluting Stent System in do novo Coronary Artery Lesions
- 2007 Principal Investigator, PERSEUS Trial: A Randomized Controlled Trial of the Taxus Element Drug Eluting Coronary Stent System versus the Taxus Liberte' Paclitaxel-Eluting Stent System in do novo Coronary Artery Lesions
- 2008 Abbott Vascular SPIRIT SV and SPIRIT PRIME DES trials
Chairman, Data and Safety Monitoring Committee
- 2009 Principal Investigator, PLATINUM Trial: A Randomized Controlled Trial of the Promus Element Drug Eluting Coronary Stent System versus the Promus Everolimus-Eluting Stent System in do novo Coronary Artery Lesions
- 2012 Co-Investigator, VA CSP571 (DIVA) – Drug Eluting Stents vs. Bare Metal Stents in Saphenous Vein Graft Angioplasty, Roudebush VA Medical Center

Multi-center Clinical Investigations (continued):

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| 2013 | Co-Investigator, VA CSP578 (PRESERVE) – Prevention of Serious Adverse Events Following Angiography, Roudebush VA Medical Center |
| 2013 | Chairman, Safety Oversight Committee: ABSORB Japan: A Clinical Evaluation of AVJ-301 Comparing with Metallic Drug-eluting Stent in the Treatment of Subjects with Ischemic Heart Disease in Japan |

Organizations and Societies:

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| 1983 | American Medical Association |
| 1984 | New York Academy of Sciences |
| 1989-1993 | Massachusetts Medical Society |
| 1994- | Fellow, American Heart Association,
Council on Clinical Cardiology |
| 1994-1996 | Affiliate, Society for Cardiac Angiography and Interventions |
| 1994- | Abraham M. Rudolph Developmental Cardiology Society |
| 1995- | Fellow, American College of Cardiology |
| 1995- | Fellow, American College of Chest Physicians |
| 1995- | Fellow, American College of Physicians |

Manuscript Review:

1. Cardiovascular Drugs and Therapy
2. Catheterization and Cardiovascular Intervention
3. Journal of the American College of Cardiology
4. Journal of the American Medical Association
5. American Journal of Cardiology
6. Coronary Artery Disease
7. Journal of the American Society of Echocardiography

Editorial Boards:

1. Diagnostic and Invasive Cardiology
2. Cardiology Case Reports
3. World Journal of Clinical Case Conference
4. Journal of Invasive Cardiology

Research Interests:

1. New devices for coronary intervention/high risk angioplasty
2. Quality Assurance in the Cardiac Catheterization Laboratory
3. Cost-effectiveness of coronary interventions
4. Primary angioplasty in acute myocardial infarction
5. Peripheral Vascular Disease

Publications

Articles:

1. Breall JA, Rudolph AM, Heymann MA: Role of thyroid hormone in postnatal circulatory and metabolic adjustments. *J Clin Invest* 1984; 73:1418-1424.
2. Khayyal MA, Eng C, Franzen D, Breall JA, Kirk ES: The effects of vasopressin on the coronary circulation: reserve and regulation during ischemia. *Am J Physiol* 1985; 248:H516-H522.
3. Levine MJ, Harada K, Meuse AJ, Watanabe J, Breall J, Carrozza JP, Bentivegna L, Franklin A, Johnson RG, Grossman W, & Morgan JP: Excitation -contraction uncoupling during ischemia in the blood perfused dog heart. *Biochem Biophys Res Commun* 1991; 179:502-6.
4. Breall JA, Kim D, Baim DS, Skillman JJ, Grossman W: Coronary-subclavian steal: an unusual cause of angina pectoris after successful internal mammary coronary artery bypass grafting. *Cathet Cardiovasc Diagn* 1991; 24:274-276.
5. Breall JA, Goldberger AL, Warren SE, Diver DJ, Sellke FW: Posterior mediastinal masses: rare causes of cardiac compression. *Am Heart J* 1992; 124:523-526.
6. Breall JA, Watanabe J, & Grossman W: The effect of zatebradine on contractility, relaxation and coronary blood flow. *J Am Coll Cardiol* 1993; 21:471-477.
7. Breall JA, Grossman W, Stillman IE, Gianturco LE, Kim D: Atherectomy of the subclavian artery for patients with symptomatic coronary-subclavian steal syndrome. *J Am Coll Cardiol* 1993; 21:1564-1567.
8. Cohen DJ, Breall JA, Ho KKL, Weintraub RM, Kuntz RE, Weinstein MC, Baim DS: The economics of coronary revascularization: comparison of costs and charges for conventional angioplasty, directional atherectomy, stenting and bypass surgery. *J Am Coll Cardiol* 1993; 22:1052-1059.
9. Gordon PC, Kugelmass AD, Cohen DJ, Breall JA, Friedrich SP, Carrozza JP Jr, Diver DJ, Kuntz RE, Baim DS: Use of balloon post-dilation to safely improve the results of successful (but sub-optimal) directional coronary atherectomy. *Am J Cardiol* 1993; 72:71E-79E.
10. The TIMI IIIB Investigators: Effects of tissue plasminogen activator and a comparison of early invasive and conservative strategies in unstable angina and non-Q-wave myocardial infarction: Results of the TIMI IIIB Trial. *Circ* 1994; 89:1545-1556.
11. Cohen DJ, Breall JA, Ho KKL, Kuntz RE, Goldman L, Baim DS, Weinstein MC: Evaluating the potential cost-effectiveness of stenting as a treatment for symptomatic single-vessel coronary artery disease: use of a decision-analytic model. *Circ* 1994; 89:1959-1874.
12. Gibson CM, Cannon CP, Piana RN, Breall JA, Sharaf B, Flatley M, Davis V, Diver DJ, McCabe CH, Flaker GC, Baim DS, Braunwald E, for the TIMI 4 Study Group: Angiographic predictors of reocclusion following thrombolysis: results from the TIMI 4 study. *J Am Coll Cardiol* 1995; 25:582-589.

Articles (continued):

13. Colleran JA, Burke AB, Moseley AL, Green SE, Breall JA, Virmani R: Subvalvular left ventricular outflow tract obstruction caused by "rhino-nodular" calcification. *Cardiovasc Pathol* 1995; 4:123-126.
14. Breall JA, Gersh BJ: Common manifestations of valvular heart disease in the elderly. *Cardiology in Review* 1995; 3:150-157.
15. Colleran JA, Tierney JP, Prokopchak R, Diver DJ, Breall JA: Angiographic presence of a myocardial bridge after successful percutaneous transluminal coronary angioplasty. *Am Heart J* 1996; 131:196-198.
16. Bui MN, Sack MN, Moutsatsos G, Lu DY, Katz P, McCown R, Breall JA, Rackley CE: Autoantibodies titers to oxidized low-density lipoprotein in patients with coronary atherosclerosis. *Am Heart J* 1996; 131:663-667.
17. Schultz SC, Breall J, Hannan R: Acute cardiac tamponade secondary to congenital factor V deficiency. *Cardiology* 1997; 88:48-9.
18. Berger AK, Breall JA, Gersh BJ: When is PTCA the treatment of choice for acute MI? *Contemporary Internal Medicine* 1997; 9:45-55.
19. Tavel ME, Breall JA, Gersh BJ: Ischemic heart disease with congestive heart failure. In: Tavel M ed. *Clinical Problems in Cardiopulmonary Disease* *Chest* 1998; 113:1119-1122.
20. Berger AK, Edris DW, Breall JA, Oetgen WJ, Marciniak TA, Molinari GF: Resource utilization and quality of care for Medicare patients with acute myocardial infarction in Maryland and the District of Columbia; Analysis of data from the Cooperative Cardiovascular Project. *Am Heart J* 1998; 135:349-356.
21. Breall JA, Solomon AJ, Gersh BJ: Non-Q wave myocardial infarction: You cannot judge a book by its cover. *ACC Current Journal Review* May/June 1998: 15-18.
22. Solomon AJ, Breall JA, Gersh BJ: Unstable angina: Current recommendations and new directions. *ACC Current Journal Review* May/June 1998: 18-23.
23. Weissman NJ, Sheris SJ, Chari R, Mendelsohn FO, Anderson WD, Breall JA, Tanguay J-F, Diver DJ: Intravascular Ultrasonic analysis of plaque characteristics associated with coronary artery remodeling. *Am J Cardiol* 1999; 84:37-40.
24. Berger AK, Schulman KA, Gersh BJ, Pirzada S, Breall JA, Johnson AE, Every NR: Primary coronary angioplasty vs thrombolysis for the management of acute myocardial infarction in elderly patients. *JAMA* 1999; 282:341-348.
25. Rashid H, Marshall RJ, Diver DJ, Breall JA: Spontaneous and diffuse coronary artery spasm unresponsive to conventional intracoronary pharmacologic therapy. A case report. *Cathet Cardiovasc Interv* 2000; 49:188-191.
26. Rashid H, Marshall RJ, Diver DJ, Breall JA: Use of atropine in the treatment of spontaneous coronary artery. *Cathet Cardiovasc Interv*. 2000; 50:375B-376.
27. Patel SR, Breall JA, Diver DJ, Gersh BJ, Levy AP: Does bradycardia promote coronary collateral growth in humans? *Coronary Artery Disease*. 2000; 11:467-472.
28. Sheifer SE, Rathore SS, Gersh BJ, Weinfurt KP, Oetgen WJ, Breall JA, Schulman KA: Time to presentation with acute myocardial infarction in the elderly: Association with race, gender, and socioeconomic status. *Circ* 2000; 102:1651-6.

Articles (continued):

29. Berger AK, Breall JA, Gersh BJ, Johnson AE, Oetgen WJ, Marciniak TA, Schulman KA Effect of diabetes mellitus and insulin use on survival after acute myocardial infarction in the elderly (The Cooperative Cardiovascular Project). *Am J Cardiol* 2001; 87:272-277.
30. Kalaria VG, Rouch C, Bourdillon PD, Breall JA: Distal emboli protection in patients undergoing percutaneous coronary intervention after a recent myocardial infarction. *Cathet Cardiovasc Interv*. 2002; 57:54-60.
31. Panchal VR, Kalaria V, Breall JA, March KL: Catheter-based gene therapy for angiogenesis. *Applications in Imaging Cardiac Interventions*: Oct 2002
32. Kalaria VG, Koradia N, Breall JA: Myocardial bridge: A clinical review. *Cathet Cardiovasc Interv* 2002; 57:552-556.
33. Bhatt DL, Lee BI, Castrella PJ, Pulsipher M, Rogers M, Cohen M, Corrigan VE, Ryan TJ Jr, Breall JA, Moses JW, Eaton GM, Sklar MA, Lincoff AM: Safety of concomitant therapy with eptifibatid and enoxaparin in patients undergoing percutaneous coronary intervention-results of the CRUISE study. *J Am Coll Cardiol* 2003; 41:20-25.
34. Bhakta D, Breall JA, Kalaria VG: Complete sinus inversus and bicuspid aortic valve stenosis. *J Invas Cardiol* 2003; 15:213-215.
35. Cline SL, Kalaria VG, von der Lohe E, Breall JA: Cerebrovascular complications of Cardiac Catheterization. In: Biller and O'Donnell, eds. *Seminars in Cerebrovascular Disease and Stroke*, New York, NY Elsevier, 2003, 3: 194-199.
36. Ramanuja S, Breall JA, Kalaria VG: The approach to "aspirin allergy" in cardiovascular patients. *Circ*. 2004; 110: e1-e4.
37. Carrozza JP Jr, Caussin C, Braden G, Braun P, Hansell F, Fatzinger R, Walters G, Kussmaul W, Breall J; TriActiv Pilot Study Investigators. Embolic protection during saphenous vein graft intervention using a second-generation balloon protection device: results from the combined US and European pilot study of the TriActiv Balloon Protected Flush Extraction System. *Am Heart J*. 2005,149:1136.
38. Coram R, George Z, Breall JA: Percutaneous intervention through a Cabrol composite graft. *Cathet Cardiovasc Interv*. 2005 66:356.
39. Carrozza JP Jr, Mumma M, Breall JA, Fernandez A, Heyman E, Metzger C and for the PRIDE Study Investigators; Randomized Evaluation of the TriActiv Balloon-Protection Flush and Extraction System for the Treatment of Saphenous Vein Graft Disease *J Am Coll Cardiol*. *J Am Coll Cardiol* 2005 46: 1677.
40. Karlsson G, Rehman J, Meltser HM, Kalaria VG, Breall JA: Increased Incidence of Stent Thrombosis in Patients with Cocaine Use. *Cathet Cardiovasc Interv*. 2007 69:955.
41. Kirtane AJ, Heyman ER, Metzger C, Breall JA, Carrozza JP Jr: Correlates of adverse events during saphenous vein graft intervention with distal embolic protection: A PRIDE Sub Study. *J Am Coll Cardiol Intv* 2008 1: 186
42. Kereiakes DJ, Turco MA, Breall J Farhat NZ, Feldman RL, McLaurin B, Popma JJ, Mauri L, Zimetbaum P, Massaro J, Cutlip DE, on behalf of the AMEthyst Study Investigators. A novel filter-based Embolic protection device for percutaneous intervention of saphenous vein graft lesions: Results of the AMEthyst randomized controlled trial. *J Am Coll Cardiol Intv* 2008. 1: 248

Articles (continued):

43. El Masry H, Breall JA: Alcohol septal ablation for hypertrophic obstructive cardiomyopathy: A review. *Curr Cardiol Rev* 2008, Volume 04, No. 03.
44. Antoun P, El Masry H, Breall JA: Sudden cardiac death complicating alcohol septal ablation: a case report and review of literature. *Cathet Cardiovasc Interv.* 73: 956 2009.
45. Benson MD, Breall J, Cummings OW, Liepnieks JJ: Biochemical characterization of amyloid by endomyocardial biosy. *Amyloid.* 2009. 16:9.
46. Lasala JM, Cox DA, Morris L, Breall JA, Mahoney PD, Horwitz PA, Shaw D, Hood KL, Mandinov L, Dawkins KD: Two-year results of paclitaxel-eluting stents in patients with medically treated diabetes mellitus from the TAXUS ARRIVE program. *Am J Cardiol* 2009, 103:1663.
47. Lasala JM, Cox DA, Dobies D, Baran K, Bachinsky WB, Rogers E, Breall JA, Lewis DH, Song A, Starzyk RM, Mascioli SR, Dawkins KD, Baim DS: Drug-eluting stent thrombosis in routine clinical practice: 2 year outcomes and predictors from the TAXUS ARRIVE Registries. *Circ Cardiovascular Interventions.* 2009, 2:285.
48. Bhatt DL, Lincoff AM, Gibson CM, Stone GW, McNulty S, Montalescot G, Kleiman NS, Goodman SG, White HD, Mahaffey KW, Pollack CV Jr, Manoukian SV, Widimsky P, Chew DP, Cura F, Manukov I, Tousek F, Jafar MZ, Arneja J, Skerjanec S, Harrington RA; CHAMPION PLATFORM Investigators. Intravenous platelet blockade with cangrelor during PCI. *N Engl J Med.* 2009 361(24):2330
49. Kreutz RP, Stanek EJ, Aubert R, Yao J, Breall JA, Desta Z, Skaar TC, Teagarden JR, Frueh FW, Epstein RS, Flockhart DA: Impact of proton pump inhibitors on the effectiveness of clopidogrel after stent placement: The Clopidogrel MEDCO Outcomes Study. *Pharmacotherapy.* 2010 30 (8): 787.
50. Jaradat ZA, Sayfo SM, Breall JA: Percutaneous alcohol septal ablation following surgical myectomy. *J Invasive Cardiol.* 2010 22 (8): 207.
51. Stone GW, Teirstein PS, Meredith IT, Farah B, Dubois CL, Feldman RL, Dens J, Hagiwara N, Allocco DJ, Dawkins KD; PLATINUM Trial Investigators: A prospective, randomized evaluation of a novel everolimus-eluting coronary stent: the PLATINUM (a Prospective, Randomized Multicenter Trial to Assess an Everolimus-Eluting Coronary Stent System [PROMUS Element] for the Treatment of Up to Two de Novo Coronary Artery Lesions) trial. *J Am Coll Cardiol* 2011. 57: 1700
52. Bolad IA, Alqaqa'a A, Khan B, Srivastav SK, von der Lohe E, Sadanadan S, Breall JA: Cardiac events after non-cardiac surgery in patients with previous coronary intervention in the drug-eluting stent era. *J Invasive Cardiol.* 2011; 23 (7): 283
53. Suradi H, Breall JA: Successful use of the Impella device in Giant Cell Myocarditis as a bridge to permanent left ventricular mechanical support. *Tex Heart Inst.* 2011; 38(4): 437
54. Furlan AJ, Reisman Massaro J, Mauri L, Adams H, Albers GW, Felberg R, Herrmann H, Karr S, Landzberg M, Raizner A, Wechsler L. CLOSURE I Investigators: Closure or medical therapy for cryptogenic stroke with patent foramen ovale. *N Engl J Med.* 2012; 366 (11): 991

Articles (continued):

55. Kreutz RP, Nystrom P, Kreutz Y, Miao J, Destra Z, Breall JA, Li L, Chiang CW, Kovacs R, Flockhart DA, Jin Y: Influence of paraoxonase-1 Q192R and cytochrome P450 2C19 polymorphisms on clopidogrel response. *Clin Pharm: Advances and Applications*. 2012. 4: 13.
56. Kreutz RP, Breall JA, Kreutz Y, Owens J, Lu D, Bolad I, von der Lohe E, Sinha A, Flockhart DA: Protease receptor-1 (PAR-1) mediated platelet aggregation is dependent on clopidogrel response. *Thromb Res*. 2012. March 27.
57. Roe MT, Armstrong PW, Fox KA, White HD, Prabhakaran D, Goodman SG, Cornel JH, Bhatt DL, Clemmensen P, Martinez F, Ardissino D, Nicolau JC, Boden WE, Gurbel PA, Ruzyllo W, Dalby AJ, McGuire DK, Leiva-Pons JL, Parkhomenko A, Gottlieb S, Topacio GO, Hamm C, Pavlides G, Goudev AR, Oto A, Tseng CD, Merkely B, Gasparovic V, Corbalan R, Cinteza M, McLendon RC, Winters KJ, Brown EB, Lokhnygina Y, Aylward PE, Huber K, Hochman JS, Ohman EM; TRILOGY ACS Investigators: Prasugrel versus clopidogrel for acute coronary syndromes without revascularization. *N Engl J Med*. 2012. 367:14.
58. Farkouh MS, Domanski M, Sleeper LA, Siami FS, Dangas G, Mack M, Yang M, Cohen DJ, Rosenberg Y, Solomon SD, Desai AS, Gersh BJ, Magnuson EA, Lansky A, Boineau R, Weinberger J, Ramanathan K, Sousa JE, Rankin J, Bhargava B, Buse J, Heub W, Smith CR, Muratov V, Bansilal S, King S 3rd, Bertrand M, Fuster V; FREEDOM Trial Investigators: Strategies for multivessel revascularization in patients with diabetes. *N Engl J Med*. 2012. 367:2375.
59. Godley RW, Joshi K, Breall JA: A comparison of hand injection versus automated contrast injectors during cardiac catheterization. *J Invasive Cardiol*. 2012. 24:628.
60. Kreutz RP, Owens J, Breall JA, Lu D, von der Lohe E, Bolad I, Sinha A, Flockhart DA. C-reactive protein and fibrin clot strength measured by thromboelastography after coronary stenting. *Blood Coagul Fibrinolysis*. 2013 3:321.
61. Kreutz RP, Owens J, Jin Y, Nystrom P, Destra Z, Kreutz Y, Breall JA, Li L, Chiang C, Kovacs RJ, Flockhart DA. Cytochrome P450 3A4*22, PPAR- α , and ARNT polymorphisms and clopidogrel response. *Clin Pharmacol* 2013 5:185.
62. Antoun P, Breall JA. SINC or Swim (Should We Intervene In Non-Culprit Vessels During STEMI?). *J Invasive Cardiol* 2014 1:16-17.
63. Kreutz RP, Bitar A, Owens J, Destra Z, Breall JA, von der Lohe E, Sinha A, Vatta M, Nystrom P, Yin J, Flockhart DA. Factor XIII Val341Leu polymorphism and recurrent myocardial infarction in patients with coronary artery disease. *J Thromb Thrombolysis* 2014 Feb 9.
64. Ellis SG, Kereiakes DJ, Metzger DC, Caputo RP, Rizik DG, Teirstein PS, Litt MR, Kini A, Kabour A, Marx SO, Popma JJ, McGreevy R, Zhang Z, Simonton C, Stone GW; ABSORB III Investigators. Everolimus-Eluting bioresorbable scaffolds for coronary artery disease. *N Engl J Med* 2015 373: 1905-15.
65. Ansari HZ, Alomar A, Breall JA: Retrograde CTO-PCI through vein grafts: Come on down! *J Invasive Cardiol*. 2016. 28:226-8.

Articles (continued):

66. Kreutz RP, Breall JA, Sinha A, von der Lohe E, Kovacs RJ, Flockhart DA: Simultaneous administration of high-dose atorvastatin and clopidogrel does not interfere with platelet inhibition during percutaneous coronary intervention. *Clin Pharmacol*. 2016. 8:45-50.
67. Kreutz RP, Schmeisser G, Maatman B, Schaffter A, Sinha A, von der Lohe E, Breall JA: Fibrin clot strength measured by thromboelastography and outcomes after percutaneous coronary intervention. *Thromb Haemost*. 2016. Epub.

Book Chapters:

1. Breall JA, Gersh BJ. The Results of Transluminal Interventions in Coronary Artery Disease. In: Bertrand M, Serruys P, Sigwart U, eds. *Handbook of Cardiovascular Interventions*. London, UK: Churchill Livingstone, 1996, 501-514.
2. Breall JA, Rodak DJ: Intermediate Coronary Syndrome. In: Conti CR, ed. *Adult Clinical Cardiology Self Assessment Program (ACCSAP) on CD-ROM*. American College of Cardiology/American Heart Association, 1997; 2000.
3. Gersh BJ, Breall JA, Diver DJ: The Role of Primary Angioplasty in the Management of Acute Myocardial Infarction. In: Opie LH and Yellon DM, ed. *Cardiology at the Limits*. The Rustica Press, 1997, 26-49.
4. Diver DJ, Breall JA: Balloon valvuloplasty: aortic valve. In: Yusef S, Cairns JA, Camm AJ, Fallen EL, Gersh BJ, ed. *Evidence Based Cardiology*. Tavistock Square, London: BMJ Books, BMA House, 2nd ed. 2003, 782-795.
5. Meuth MJ, Green CE, Breall JA: Interventional techniques for coronary artery disease. In: Taveras JM & Ferrucci JT, eds. *RADIOLOGY Diagnosis*Imaging* Intervention*. 2:132. Philadelphia, PA: Lippincott Williams & Wilkins, 1999.
6. Meldrum DR, Raiesdana A, Breall JA, Brown JW: Heart Transplantation. In: Harken AH & Moore EE, eds. *Abernathy's Surgical Secrets*, 91:319. Philadelphia, PA: Hanley & Belfus, 2004
7. Meldrum DR, Raiesdana A, Breall JA, Brown JW: Heart Transplantation. In: Harken AH & Moore EE, eds. *Abernathy's Surgical Secrets*, 91:323. Philadelphia, PA: Hanley & Belfus, 2004
8. Breall JA, Aroesty JM, Simons M: Overview of the management of unstable angina and acute non-ST elevation (non-Q wave) myocardial infarction. In: Rose BD, ed. *UpToDate™ in Cardiovascular Medicine*, Waltham, MA, 2016
9. Breall JA, Simon M: Risk stratification after unstable angina or non-ST elevation (non-Q-wave) myocardial infarction. In: Rose BD, ed. *UpToDate™ in Cardiovascular Medicine*, Waltham, MA, 2016
10. Breall JA, Simons M: Coronary arteriography and revascularization following unstable angina or non ST-elevation (non-Q wave) acute myocardial infarction. In: Rose BD, ed. *UpToDate™ in Cardiovascular Medicine*, Waltham, MA, 2016

Book Chapters (continued):

11. Emery M, Breall JA: Disparities in the delivery of cardiovascular care. In: Rose BD, ed. UpToDate™ in Cardiovascular Medicine, Waltham, MA, 2016

Non-peer reviewed publications:

- No-Reflow Phenomenon During PCI | Diagnostic and Invasive Cardiology July 15, 2011
When to Consider Revascularization of Coronary Chronic Total Occlusion| Diagnostic and Invasive Cardiology March 19, 2012
Understanding Contrast-Induced Nephropathy | DI Cardiology May 15, 2012
Justifying the Use of Vascular Closure Devices | DI Cardiology September 13, 2013

Abstracts

1. Breall JA and Nicoll CS: Somatotrophic Effects of Prolactin in Neonatal Rats. Western Regional Conference on Endocrinology. Santa Cruz, CA 1978.
2. Clyman RI, Breall J, Maher P, Campbell D, Maury F: Thyroid Hormones and the Ductus Arteriosus. The Society for Pediatric Research. Washington, D.C. 1985.
3. Breall JA, Watanabe J, Grossman W: Comparative Effects of ULFS-49 and Verapamil on Heart Rate and Contractility in Isolated Hearts. American College of Cardiology. Atlanta, GA 1991.
4. Cohen DJ, Breall JA, Ho KKL, Baim DS: Comparative Costs of Two New Technologies, Conventional Angioplasty, and Bypass Surgery for Elective Coronary Revascularization. American Heart Association, New Orleans, LA 1992.
5. Cohen DJ, Kuntz R., Breall JA, Ho KKL., Goldman L, Weinstein MC, Baim DS: The Incremental Cost-Effectiveness of Coronary Stenting versus Conventional Angioplasty: A Decision-Analytic Model. American Heart Association, New Orleans, LA 1992.
6. Gibson CM, Cannon CP, Piana RN, Maher KA, Davis SD, Breall JA, Davis V, Diver DJ: Relationship of Coronary Flow to Myocardial Infarction Size: Two Simple Methods to Sub-classify TIMI Flow Grades. American Heart Association, New Orleans, LA 1992.
7. Gibson CM, Piana RN, Davis SF, Maher KA, Breall JA, Davis V, Diver DJ, Baim DS: Improvement in Minimum Lumen Diameter During First Day After Thrombolysis. American Heart Association, New Orleans, LA 1992.
8. Gibson CM, Cannon CP, Piana RN, Breall JA, Davis SF, Maher KA, Flatley M, Davis V, Diver DJ, Baim DS for the TIMI 4 Study Group: Consequences of TIMI Grade 2 vs. 3 Flow at 90 Minutes Following Thrombolysis. American College of Cardiology, Anaheim, CA 1993.
9. Cohen DJ, Kuntz RE, Friedrich SP, Gordon PC, Breall JA, Ho KK, Weinstein MC, Baim DS: Cost-Effectiveness of Directional Atherectomy, Stenting, and Conventional Angioplasty in Single-Vessel Disease: A Decision-Analytic Model. American College of Cardiology, Anaheim, CA, 1993.

Abstracts (continued):

10. Gordon P, Kugelmass AD, Breall JA, Friedrich SP, Cohen DJ, Diver DJ, Baim DS: Selective Use of Balloon Post-dilation Can Safely Improve the Results of Successful (but Sub-optimal) Directional Coronary Atherectomy. American Heart Association, Atlanta, GA 1993.
11. Cohen DJ, Gordon PC, Friedrich SP, Breall JA, Diver DJ, Weinstein MC, Baim DS: The Cost-Effectiveness of Selective Adjunctive Balloon Dilatation after Successful (but Sub-optimal) Directional Coronary Atherectomy: A Decision-Analytic Model. American Heart Association, Atlanta, GA 1993
12. Moscucci M, Kugelmass AD, Piana RN, Gordon PC, Wood M, Friedrich SP, Breall JA, Kuntz RE: The Value of Using Simple Logistic Models of Target Site-Related Clinical Events in the Evaluation of Vein Graft Restenosis. American Heart Association, Atlanta, GA 1993.
13. Diver DJ, Brown BG, Breall JA, Berger C, Dunn S, Thompson B, McCabe CH, Braunwald E: Characterization of Patient Management and Outcomes in the TIMI-III Trial. American College of Cardiology. Atlanta, GA 1993.
14. Sack MN, Katz P, McCown R, Breall JA, Rackley CE: An Enzyme Linked Immunosorbent Assay of Autoantibodies to Oxidized Low-Density Lipoprotein as a Predictor of Coronary Artery Disease. American College of Cardiology. Atlanta, GA 1993.
15. Bui MN, Moutsatsos G, Sack MN, Lu D, Breall JA, Katz P, Rackley CE: Autoantibody Titers to Oxidized LDL in Patients with Coronary Artery Disease and Stable and Unstable Angina. American Federation for Clinical Research. San Diego, CA 1995.
16. Gannuscio JR, Breall JA, Diver DJ, Lawrence W: PTCA Clinical Process Team Decreases Hospital Costs and Length of Stay. Transcatheter Cardiovascular Therapeutics. Washington, D.C. 1996.
17. Arora UK, Chari R, Breall JA, Diver DJ, Weissman NJ: Does Coronary Calcification Predict Atherosclerotic Plaque Burden: A 3-Dimensional Intravascular Ultrasound Analysis. American Heart Association, New Orleans, LA 1996.
18. Weissman NJ, Chari R, Mendelsohn FO, Foster GP, Anderson WD, Breall JA, Tanguay J, Diver DJ, Gersh BJ: Patient and Plaque Characteristics Associated with Coronary Remodeling: An Intravascular Ultrasound Analysis. American College of Cardiology, Anaheim, CA 1997.
19. Weissman NJ, Arora UK, Breall JA, Gannuscio JR, Diver DJ, Gersh BJ: In Vivo Gender Differences in Coronary Artery Plaque Morphology Assessed by Intravascular Ultrasound. American College of Cardiology, Anaheim, CA 1997.
20. Arora UK, Chari R, Mendelsohn FO, Foster GP, Breall JA, Diver DJ, Weissman NJ: Altered Plaque Distribution in Hypertensive Patients. American College of Cardiology, Anaheim, CA 1997.
21. Arora UK, Chari R, Breall JA, Diver DJ, Weissman NJ: Calcified Luminal Surface Area: An Improved Method to Quantify Coronary Calcification Using 3D IVUS Analysis. American Society of Echocardiography, Orlando, FL 1997.

Abstracts (continued):

22. Arora UK, Chari R, Mendelsohn FO, Breall JA, Diver DJ, Weissman NJ: Increased Coronary Atherosclerotic Plaque Burden and Calcification in Diabetic Patients by 3D Intravascular Ultrasound Analysis. American Heart Association, Orlando, FL 1997.
23. Arora UK, Chari R, Breall JA, Diver DJ, Weissman NJ: The Aging Atherosclerotic Plaque: In Vivo Morphologic Analysis and Gender Differences using Intravascular Ultrasound. American Heart Association, Orlando, FL 1997.
24. Arora UK, Chari R, Breall JA, Diver DJ, Weissman NJ: Adventitial Changes with Atherosclerosis: In Vivo Observations and Implications for IVUS Assessment of Plaque Morphology. American Heart Association, Orlando, FL 1997.
25. Arora UK, Little RW, Chari R, Breall JA, Diver DJ, Weissman NJ: Are Plaques Different in African Americans? A 3D Intravascular Ultrasound Study of Coronary Plaque Morphology. American Heart Association, Orlando, FL 1997.
26. Berger AK, Breall JA, Johnson AE, Schulman KA, Gersh BJ, Oetgen WJ, Pirzada SR, Frederick PR, Every NR: Primary Angioplasty versus Thrombolytic Therapy in the Elderly: The CCP Experience. American Heart Association, Orlando, FL 1997.
27. Berger AK, Johnson AE, Breall JA, Oetgen WJ, Marciniak TA, Gersh BJ, Schulman KE: The Effect of Diabetes on Mortality in Medicare Beneficiaries with Acute Myocardial Infarction? American Heart Association, Orlando, FL 1997.
28. Every NR, Pirzada SR, Frederick PD, Robinson MB, Breall JA, Schulman KA: The Association Between Procedure Volume and Mortality in Primary PTCA: The CCP Experience. American Heart Association, Orlando, FL 1997.
29. Deutch E, Gordon PC, Diver DJ, Breall JA, FitzPatrick M, Senerchia C, Ho KKI: Safety and Efficacy of Coronary Stenting after Recent Myocardial Infarction: Results From the Stent Anticoagulation Regimen Study (STARS). American Heart Association, Orlando, FL 1997.
30. Patel SR, Breall JA, Gersh BJ, Levy: Does Bradycardia Promote Coronary Collateral Growth in Humans? American College of Cardiology, Atlanta, GA 1998.
31. Berger AK, Johnson AE, Breall JA, Schulman KA, Gersh BJ: Does Diabetes Affect the Clinical Presentation of Elderly Patients with Acute Myocardial Infarction? American College of Cardiology, Atlanta, GA 1998.
32. Oetgen WJ, Berger AK, Edris DW, Leshner MI, Jones J, Sdhuster M, Karge G, Breall JA, Fitzgerald M, Molinari GF: Improvement in Treatment Quality Indicators For Elderly Patients with Acute Myocardial Infarction: The Cooperative Cardiovascular Project in Maryland and the District of Columbia. American College of Cardiology, New Orleans, LA 1999.
33. Kalaria VG, Breall J, Class S, Sprague K, Bahro AG, Falcone W, Shoultz C, Dorogy ME: The Safety & Economic Impact of Immediate Ambulation after Diagnostic Catheterization Using a Suture Mediated Closure Device. Society of Cardiac Angiography and Intervention. Boston, MA 2003.
34. Karlsson G, Rehman J, Meltser HM, Kalaria VG, Breall JA: High Rate of Stent Thrombosis in Cocaine Users Undergoing Coronary Stent Placement. American College of Cardiology, New Orleans, LA 2004.

Abstracts (continued):

35. Rampurwala A, Breall J, von der Lohe E: Trend Towards Reduced Vascular Complications in Women Undergoing Diagnostic Heart Catheterization with 4 French Versus 6 French Catheters. Society for Cardiac Angiography and Interventions, Chicago, IL 2006.
36. Kerieiakos D, Turco M, McLaurin B, Feldman R, Farhat N, Breall J, Foster M: The AMEthyst Trial; A prospective randomized controlled study of the Medtronic Interceptor PLUS Coronary Filter System for PCI of Degenerative SVG. TCT Washington, DC 2007.
37. Lasala JM, Cox DA, Morris DL, Breall JA, Mahoney PD, Horwitz PA, Shaw D, Mandinov L, Dawkins KD: TAXUS Mitigates the Effects of Diabetes on Restenosis Independent of Patient Risk Profile: 2-Year Results of the TAXUS ARRIVE Program. TCT. Washington, DC 2008.
38. Singh IM, Antoun PS, Shoemaker TJ, Terry C, Kwo PY, Tector JA, Breall JA, Sadanandan S: Cardiac Catheterization as a Strategy for Pre-Operative Risk Stratification in Patients Undergoing Liver Transplantation. SCAI Washington DC 2008
39. Stanek EJ, Aubert RE, Flockhart DA, Kreutz RP, Yao J, Breall JA, Desta Z, Sklaar T, Freuh FW, Teagarden JR, Epstein RS: A National Study of the Individual Proton Pump Inhibitors on Cardiovascular Outcomes in Patients Treated with Clopidogrel Following Coronary Stenting: The Clopidogrel Medco Outcomes Study. SCAI. Las Vegas, NV 2009