

CURRICULUM VITAE

ROXANA MEHRAN, MD, FACC, FACP, FCCP, FESC, FSCAI

CURRENT POSITIONS

2010-Present Professor of Medicine, Mount Sinai School of Medicine, New York, NY
2010-Present Director of Interventional Cardiovascular Research and Clinical Trials, The Zena and Michael A. Wiener Cardiovascular Institute, Mount Sinai School of Medicine, New York, NY
2008-Present Chief Scientific Officer, Cardiovascular Research Foundation, New York, NY
1999-Present Director of Clinical Research and Data Coordinating Center
Cardiovascular Research Foundation, New York, NY
1996-Present Course Co-Director, *Transcatheter Cardiovascular Therapeutics*, Washington, DC

PREVIOUS POSITIONS

2004-2010 Associate Professor of Medicine in the Academic Track Department of Internal Medicine and Division of Cardiovascular Disease, Columbia University Medical Center, New York, NY
2004-2010 Director, Outcomes Research, Data Coordination & Analysis, Center for Interventional Vascular Therapy, Columbia University Medical Center, New York, NY
2002-2004 Associate Clinical Professor of Medicine, New York University School of Medicine
1999-2004 Interventional Cardiologist, Lenox Hill Interventional Cardiology PC, Lenox Hill Hospital, New York, NY
1997-1999 Assistant Clinical Professor of Medicine; George Washington University School of Medicine
1996-1999 Director of Clinical Research and Data Coordinating Center
Cardiology Research Foundation, Washington Hospital Center, Washington, DC
1995-1999 Interventional Cardiologist, Washington Cardiology Center
Washington Hospital Center, Washington, DC
1994-1995 Instructor of Medicine, Mount Sinai School of Medicine, New York, NY

POSTGRADUATE EXPERIENCE

1994-1995 Fellow, Interventional Cardiology, Cardiovascular Institute
Mount Sinai Medical Center, New York, NY
1991-1994 Fellow, Cardiology, Cardiovascular Institute
Mount Sinai Medical Center, New York, NY
1990-1991 Chief Resident, Internal Medicine, University of Connecticut School of Medicine
Greater Hartford Integrated Internal Medicine Program, Hartford, Connecticut
1988-1990 Resident, Internal Medicine, University of Connecticut School of Medicine
Greater Hartford Integrated Internal Medicine Program, Hartford, Connecticut
1987-1988 Medical Intern, Mount Sinai Hospital, Hartford, Connecticut

POSTDOCTORAL FELLOWSHIPS

1990-1991 Postdoctoral Fellow, Department of Cardiology and Physiology
University of Connecticut School of Medicine, Farmington, Connecticut
1992-1993 Postdoctoral Fellow, Brookdale Center for Molecular Biology
Mount Sinai School of Medicine, New York, NY

EDUCATION

1987 St. George's University School of Medicine Grenada, WI **MD**
1983 New York University, New York, NY **BA (Chemistry)**

CERTIFICATIONS

1990 Diplomat, American Board of Internal Medicine
1997 Diplomat, American Board of Internal Medicine, Cardiovascular Disease

1999 Diplomat, American Board of Internal Medicine, Interventional Cardiology
 1985 Educational Commission for Foreign Medical Graduates [ECFMG #397-285-8]
 1985 FLEX [# 621017500]

HOSPITAL APPOINTMENTS

2010 Mount Sinai Hospital, New York, NY
 2004 Columbia University Medical Center/ New York Presbyterian Hospital, New York, NY
 1999 Lenox Hill Hospital, New York, NY
 1999 George Washington University, Washington, DC
 1995 Washington Hospital Center, Washington, DC
 1990 Mount Sinai Hospital, New York, NY

MEMBERSHIPS and COMMITTEE APPOINTMENTS

2012- Voting Member, Education Committee, SCAI
 2011- Member, Technical Panel, American College of Cardiology/American Heart Association (ACCF/AHA) Appropriate Use Criteria for Diagnostic Catheterization
 2011- Member, American College of Cardiology (ACC), Women in Cardiology Council
 2011- Member, Society for Cardiac Angiography and Interventions (SCAI), Interventional Training Standards Committee
 2011- Writing Committee, (SCAI), Reassessment of the Validity of the Universal Definition for MI following Coronary Revascularization
 2011- Steering Committee Member, (SCAI), Gender Data Forum
 2011- Strategic Committee, Advisory Board, SANOFI, Otamixaban
 2010 Member, Writing Committee: ACCF/AHA Guidelines for Percutaneous Coronary Intervention (PCI)
 2010- SCAI Representative, American College of Cardiology (ACC) Imaging Council
 2009 Chair, Writing Committee for Bleeding Academic Research Consortium
 2007-2010 Member, Conflict of Interest Committee Columbia University
 2009 Lead, Standardized Definition for Cardiovascular Events in Clinical Trials, FDA- CDER
 2009 Executive Operations Committee/Steering Committee- EXCEL Trial
 2009- District 1 Councilor, New York State Chapter of the American College of Cardiology, NY State Cardiological Society
 2009- Member, Business Development Advisory Panel, American College of Cardiology
 2008- Chair, Women in Innovations (WIN). Society of Cardiac Angiography and Interventions (SCAI).
 2008- Member of Board of Trustees: Society of Cardiac Angiography and Interventions (SCAI)
 2005 Executive Committee Academic Research Consortium
 2004 Member, Writing Group for Intravascular Echocardiography during Percutaneous Treatment of Adult Congenital Heart Disease: American Society of Echocardiography
 2003 Member of Board of Directors: Society of Eradication of Heart Attacks: SHAPE
 2003-2005 Member, Committee on Diagnostic & Interventional Cardiac Catheterization Council on Clinical Cardiology: American Heart Association
 2003 Member, Advisory Board, www.HeartHealthyWomen.org: Women’s Cardiovascular Health Initiative
 2003 Member, Writing Group for Guidelines of Interventional Cardiovascular Treatment in Women: American Heart Association
 2002 Fellow, Society for Cardiac Angiography and Interventions (FSCAI)
 1999 Fellow, American College of Physicians (FACP)
 1999 Fellow, American College of Cardiology (FACC)
 1999 Fellow, European Society of Cardiology (FESC)
 1999 Fellow, American College of Chest Physicians (FCCP)
 1999 Fellow, Council on Arteriosclerosis, Thrombosis, and Vascular Biology (AHA)
 1999 Member, Society for Cardiac Angiography and Interventions (SCAI)
 1996 Member of the Angiographic committee; **Women’s Angiographic Vitamin and Estrogen trial (WAVE Trial)**; NHLBI
 1995 Member, American College of Cardiology
 1995 Member, American College of Physicians
 1995 Member, American Heart Association

EDITORIAL WORK

1. Moderator, Expert Roundtable Discussion for *The Medical Roundtable Cardiovascular Edition*, Marvin Moser (ed), Topic "Antithrombotic Progress — Evolving Oral Agents ADP Inhibitors, Antithrombins, Fr Xa Inhibitors."
2. Guest Editor, *Interventional Cardiology Clinics on Coronary Interventions in Women*
3. Section Editor, *Textbook of Coronary Stenting*. Stone GW, Leon MB (eds). W.B. Saunders Co, Boston, MA; in press.
4. Editor, Transcatheter Cardiovascular Therapeutics Manual of Interventional Trials CD-ROM. 2002-2004.
5. Editor, Transcatheter Cardiovascular Therapeutics Syllabus. 1996-2002.
6. **Editorial Board**, *Circulation*.
7. Editorial Consultant (manuscript reviewer), *Journal of Kidney Disease*.
8. **Editorial Board**, *Journal of American College of Cardiology*.
9. Editorial Consultant, *American Journal of Cardiology*.
10. Editorial Consultant, *American Heart Journal*.
11. **Section Editor**, *Catheterization and Cardiovascular Interventions (Diagnosis)*.
12. Editorial Consultant, *Coronary Artery Disease*.
13. *Editorial Consultant*, *New England Journal of Medicine*
14. *Editorial Consultant*, *Journal of American Medical Association*

FACULTY APPOINTMENTS IN CONFERENCES & SOCIETIES

1. Transcatheter Cardiovascular Therapeutics (TCT) Course Co-Director. 1996-Present.
2. American Heart Association Scientific Session (AHA) 1996 - present
3. American College of Cardiology (ACC). 1997-Present.
4. Interventional Cardiology Fellows' Course. 1998-present.
5. Joint Interventional Meeting (JIM) Rome, Italy 2000-present.
6. European Society of Cardiology (ESC). 2001-present
7. Sociedad Latino Americana de Cardiologia Intervencionista (SOLACI)
8. China Interventional Therapeutics (CIT)
9. Angioplasty Summit - TCT Asia Pacific- Korea
10. EuroPCR
11. Global Interventional Summit (GIS). 2010
12. Società Italiana di Cardiologia Invasiva (GISE)
13. Cardiological Society of Argentina, Buenos Aires, Argentina. October 1998.

INVITED LECTURES

1. Cardiology Grand Rounds, Elmhurst Hospital, Elmhurst, NY: Impact of bleeding in patients with Cardiovascular Disease, April 12, 2011
2. Bleeding Academic Research Consortium: Definitions and Algorithms for Risk Prediction (ACC 2011 i2 Symposium, New Orleans, LA)
3. Bleeding: The New Risk Factor (ACC 2011, New Orleans, LA)
4. CKD in the Cardiac Cath Patient-African Americans Compared with Others (ACC 2011, New Orleans, LA)
5. Complication Management (ACC 2011 i2 Symposium, New Orleans, LA)
6. Dual Antiplatelet Therapy: Updates and Advancements (ACC 2011, New Orleans, LA)
7. Prevalence and Presentation: Differences and Similarities among Genders that Affect Patient Outcomes - A Western Perspective (ACC 2011, ACC Spotlight, New Orleans, LA)
8. Update on Left Main/Multivessel PCI: Lessons from SYNTAX, a View to Excel (ACC 2011, 2011 Women in Innovations Symposium, New Orleans, LA)
9. ATLAS ACS TIMI 51 Modeled Data (ACC 2011, ACS Roundtable, New Orleans, LA)
10. How to Prevent Contrast-Induced Nephropathy Now and in the Future (TCT 2010 Nurse-Technologist Symposium, Washington DC)
11. The Adjudicators: Role and Responsibilities of the CEC (TCT 2010 Comprehensive Training in Clinical Research Course, Washington DC)
12. Pros and Cons of Globally Conducted Studies (TCT 2010 Comprehensive Training in Clinical Research Course, Washington DC)
13. Should DES be used frequently in patients with STEMI? (TCT 2010, Washington DC)
14. Chronic Kidney Disease, Contrast Agents, and Radiocontrast Nephropathy (TCT 2010 Board Review Course with Self-Assessment, Washington DC)

15. Balancing the Risks of DAPT: The Yin and the Yang (TCT 2010, Washington DC)
16. Is there a need for improved anticoagulation during PCI? The balance of ischemia and bleeding (TCT 2010, Washington DC)
17. Hybrid Coronary Revascularization: What constitutes and abnormal immediate and early postoperative angiogram? (TCT 2010, Washington DC)
18. What type of bleed increases mortality? Access vs. non-access site-related? Transfusion vs. major vs. minor? (TCT 2010, Washington DC)
19. Contrast-Induced Nephropathy: A complication that can and must be minimized during all procedures (TCT 2010, Washington DC)
20. Individualizing pharmacologic decision-making based on clinical profiles: The ACUITY Example (TCT 2010, Washington DC)
21. Understanding and reversing the decline in US clinical research participation: Scope of the problem and root causes: the CRF perspective (TCT 2010 FDA Town Hall Meeting, Washington DC)
22. PCI Anti-Platelet Pharmacology: The Complex Integration of New Dosing Schemes, New Agents (Prasugrel and Ticagrelor) and Platelet Monitoring into Clinical Practice (SOLACI 2010, Buenos Aires)
23. New Antiplatelet Agents: What is New and Who is it For? (SOLACI 2010, Buenos Aires)
24. Revascularization Strategy for Patients with Left Main Coronary Disease and Chronic Total Occlusions: Do Randomized Trials Benefit Angioplasty? (SOLACI 2010, Buenos Aires)
25. Anti-Platelet drugs in 2010: What is currently available, what is surpassed, what is promising? (SIM 2010, Catania)
26. An evidence-based decision-making in Treatment of patients with Left Main Disease (SIM 2010, Catania)
27. The latest news from DES trials (SIM 2010, Catania)
28. Drivers of Mortality Following Primary PCI – Attributable Factors (EuroPCR 2010, Paris)
29. Bleeding Academic Research Consortium – Consensus on Event Definition (EuroPCR 2010, Paris)
30. Planning the Regulatory Process for Devices and Adjunct Pharmacology: How to Work Closely with CEDR and CDRH (CIT 2010, Beijing)
31. The Nuances of Superiority and Non-Inferiority Trials: Design Considerations and Choice of Endpoints (CIT 2010, Beijing)
32. Adjunctive Pharmacology: New Drugs, Important Clinical Trials, and Changing Treatment Strategies (CIT 2010, Beijing)
33. Latest Clinical Results on Contrast-Induced Nephropathy (CIT 2010, Beijing)
34. Safety Issues Related to Treating Bifurcation Lesions (TCT 2009, San Francisco)
35. Updates from Ongoing DAPT Studies: The PARIS Registry (TCT 2009, San Francisco)
36. Research in Women (TCT 2009, San Francisco)
37. Contrast-Induced Acute Kidney Injury: Latest Clinical Evidence (TCT 2009, San Francisco)
38. Chronic Kidney Disease, Contrast Agents, and Radiocontrast Nephropathy (Recertification and Board Review Course, TCT 2009, San Francisco)
39. Role of Risk Scores and Prognostic Models (TCT 2009, San Francisco)
40. Importance of Bleeding in STEMI: Insights from HORIZONS-AMI (TCT 2009, San Francisco)
41. Balancing Bleeding-Ischemic Risks in Relation to Duration of Anti-Platelet Therapy (TCT 2009, San Francisco)
42. Contrast-Induced Nephropathy: Incidence, Mechanisms, and Strategies for Prevention: A Systematic Analysis of What Works and What Does Not (TCT 2009, San Francisco)
43. IMA Angiography Soon After CABG: Findings and When To Intervene (TCT 2009, San Francisco)
44. Biomarkers for CIN – Role of NGAL (TCT 2009, San Francisco)
45. Determinants of Post-PCI Mortality – What are the Attributable Events? (ESC 2009, Barcelona)
46. Clinical Applications and Case Studies in Understanding a Patient's Antiplatelet Response (ESC 2009, Barcelona)
47. Mortality of Patients Treated with Bivalirudin Compared to Heparin Plus Glycoprotein IIb/IIIa Inhibitors After Clopidogrel Pre-Treatment: A Meta-Analysis from Randomized Trials (ESC 2009, Barcelona)
48. Summarizing the US Clinical Experiences with DES Treatment of Unprotected Left Main: Cedars, Columbia, Scripps, and Others (Left Main & Bifurcation Summit 2009, New York)
49. Balancing Ischemia and Bleeding Both Acutely and Long-Term (ACC/i2 2009, Orlando)
50. Results from the Prospective Milan-New York CTO Registry (CTO Summit 2009, New York)
51. TRITON-TIMI 38: The Future Role of Prasugrel (and other new antiplatelet agents) in PCI (Angioplasty Summit: TCT Asia Pacific 2009, Seoul)
52. Pharmacology Confusion: How to Choose Antithrombotic & Antiplatelets for STEMI and NSTEMI (6th Annual Innovations, Cardiac & Vascular Symposium 2009, Washington Adventist Hospital)
53. HORIZONS-AMI – A Prospective, Randomized Comparison of Bivalirudin vs. Heparin plus Glycoprotein IIb/IIIa Inhibitors During Primary Angioplasty in Acute Myocardial Infarction: One Year Results (TCT 2008, Washington DC)
54. The Columbia DES Left Main Experience: Long Term Follow-Up (TCT 2008, Washington DC)

55. Identifying the Patient at High Risk for Bleeding vs Ischemia: Insights from ACUITY and HORIZONS (TCT 2008, Washington, DC)
56. Bivalirudin has Emerged as the New Gold Standard (TCT 2008, Washington DC)
57. HORIZONS-AMI: Bivalirudin vs. Heparin Plus Glycoprotein IIb/IIIa Inhibitors During Primary PCI in STEMI (TCT 2008, Washington DC)
58. Does Major Bleeding Incite or Otherwise Correlate with Early and Late Stent Thrombosis? Insights from ACUITY and HORIZONS (TCT 2008, Washington DC)
59. Impact of Ischemic vs. Bleeding Endpoints: Lessons from ACUITY and HORIZONS (TCT 2008, Washington DC)
60. Chronic Kidney Disease, Contrast Agents and Radiocontrast Nephropathy (Recertification and Board Review Course, TCT 2008, Washington DC)
61. Lessons Learned From Surrogate Endpoints: From Periprocedural MI to Late Loss (TCT 2008, Washington DC)
62. Impact of Major Adverse Cardiac Events and Major Bleeding on Overall Mortality in Patients with STEMI: HORIZONS-AMI (ESC 2008, Munich)
63. Bivalirudin: HORIZONS-AMI Trial Update (ACC/i2 2008, Chicago)
64. Contrast Induced Nephropathy (ACC/i2 2008, Chicago)
65. Radiocontrast Considerations – Use, Abuse, and Helpful Management Tips for CIN (CTO Summit 2008, New York)
66. On-Label DES Use: Meta-Analyses of the Prospective, Double-Blind Trials (And the ARC Definitions) (TCT 2007, Washington DC)
67. Chronic Kidney Disease and Contrast Nephropathy: Prognostic Impact and the Hottest Data on Preventive Therapies (TCT 2007, Washington DC)
68. Causes, Patterns and Treatment Options for In-stent DES Restenosis (TCT 2007, Washington DC)
69. Factoring in Radiation Exposure, Contrast Utilization and Resource Consumption in the Decision to perform CTO Angioplasty (TCT 2007, Washington DC)
70. Restenosis and Thrombosis of Bare Metal and Drug-Eluting Stents (TCT 2007, Washington DC)
71. HORIZONS AMI: Harmonizing Outcomes with Revascularization and Stents In Acute Myocardial Infarction (SOLACI 2007, Buenos Aires)
72. Understanding DES Thrombosis: Clinical, Angiographic, and Procedural Correlates, and the New “ARC” Definitions (DES Summit at ACC/i2 2007, New Orleans)
73. Does the Type of DES Really Matter and Why? (ACC/i2 2007, New Orleans)
74. CTO Environmental Issues: Radiocontrast Considerations-Use, Abuse, and Helpful Management Strategies to Avoid CIN (CTO Summit 2007, New York)
75. A Critical View on the Current Clinical Data (EuroPCR 2007)
76. How to Interpret Primary Endpoint, Secondary Endpoint, and Statistical Information of Randomised Clinical Trials (EuroPCR 2007)

AWARDS

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| 1991 | NASPE Fellow; Chicago, IL |
| 2001 | Innovation in Clinical Research: "Novel Approaches for the Inhibition of Stent Restenosis and Arteriopathy After Cardiac Transplantation" (Co-recipient: Steven O. Marx) Doris Duke Charitable Foundation, New York, NY |

LICENSURE

New York State	License # 185790-1
Connecticut	License # 30590
District of Columbia	License # MD 30649

RESEARCH

ONGOING

1. **Data Safety Monitoring Board:** OPTIMIZE Trial
2. **Data Safety Monitoring Board:** INFUSE-AMI Trial
3. **Data Safety Monitoring Board:** Resolute China RCT
4. **Member of Steering Committee:** The REMEDEE Trial: A Prospective, Randomized Study to Evaluate the Safety and Efficacy of an Abluminal Sirolimus Coated Bio-engineered Stent (Combo Bio-engineered Sirolimus Eluting Stent)
5. **Member of Steering Committee:** SAFE-PCI for Women: Protocol Launch
6. **National Co-PI:** RenalGuard US pivotal trial. Renal Insufficiency Following Contrast Media Administration Trial II (Remedial II): The **RenalGuard** System in High-Risk Patients for Contrast-Induced Acute Kidney Injury
7. **Member of Executive Committee:** **EXCEL Trial:** Evaluation of XIENCE PRIME™ Everolimus Eluting Stent System (EECSS) or XIENCE V® EECSS Versus Coronary Artery Bypass Surgery for Effectiveness of Left Main Revascularization

8. **Co-Investigator:** Multidisciplinary Training in Translational Cardiovascular Research. Funding Institution: NHLBI, Current Award #5 T32 HL08-7745-01
9. **Co-Investigator:** Improving Med Adherence in Post-ACS Patients: Phase 1B Dose-Finding RCT. Funding Institution: NHLBI, Current Award # K24 HL084034
10. **Co-Investigator:** Depression, Biobehavioral Mechanisms, & CHD/Mortality Outcomes (PULSE). Funding Institution: NHLBI, Current Award # 5 P01 HL088117-02
11. **Co-Investigator: FREEDOM Trial:** Future Revascularization Evaluation in patients with Diabetes mellitus: Optimal management of Multivessel disease. Funding Institution: NHLBI.
12. **Co-Investigator:** Cardiac Caregiver Study. Funding Institution: NHLBI. Award #2R01 HL075101-05A1
13. **Member of Data Safety Monitoring Board:** European Ambulance ACS Angiox Trial (The **EUROMAX** study)
14. **Member of Executive Committee: RADAR:** A Randomized, Partially-Blinded, Multi-Center, Active-Controlled, Dose-Ranging Study Assessing the Safety, Efficacy, and Pharmacodynamics of the REG1 Anticoagulation System Compared to Unfractionated Heparin or Low Molecular Heparin in Subjects With Acute Coronary Syndrome
15. **Principal Investigator: Patterns of Non-Adherence to Antiplatelet Regimens in Stented Patients:** An Observational Single-Arm Study (The **PARIS** Registry)
16. **Director of Data Coordination and Analysis and Chair, Clinical Events Committee (non-Voting Member):** Harmonizing Outcomes with Revascularization and Stents in Acute Myocardial Infarction (**HORIZONS-AMI**): A dual arm factorial randomized trial in patients with ST segment elevation AMI to compare the results of using either anticoagulation with unfractionated heparin plus routine IIb/IIIa inhibition with bivalirudin and bail-out IIb/IIIa inhibition, and primary angioplasty with stent implantation with either a slow rate-release paclitaxel-eluting stent (TAXUS™) or an otherwise identical uncoated bare metal stent (EXPRESS™)
17. **Chair, Clinical Events Committee (Non-Voting Member) : Assessment of Dual AntiPlatelet Therapy with Drug-Eluting Stents (ADAPT-DES)**
18. **Chair, Clinical Events Committee (Non-Voting Member): XIENCE V USA:** A prospective, open-label, multicenter, observational, single-arm registry designed to evaluate XIENCE V EECSS continued safety and effectiveness during commercial use in real world settings.
19. **Chair, Clinical Events Committee (Non-Voting Member) : XIENCE DAPT :** A prospective, multicenter, randomized, double-blind AV-DAPT cohort to assess the effectiveness and safety of 12 versus 30 months of DAPT in patients undergoing percutaneous coronary intervention (PCI) with XIENCE V placement for the treatment of coronary artery lesions
20. **Chair, Clinical Events Committee (Non-Voting Member): XIENCE India:** A prospective, open-label, multicenter, observational, single-arm registry designed to evaluate XIENCE V EECSS continued safety and effectiveness during commercial use in real world settings.
21. **Chair, Clinical Events Committee (Non-Voting Member) : SPIRIT SV :** To evaluate the safety and effectiveness of the 2.25 mm XIENCE V Everolimus Eluting Coronary Stent System (XIENCE V EECSS) in improving coronary luminal diameter in subjects with ischemic heart disease due to a maximum of two de novo native coronary artery lesions in small vessels, each in a different epicardial vessel
22. **Chair, Clinical Events Committee (Non-Voting Member) : SPIRIT PRIME :** To evaluate the safety and effectiveness of the XIENCE PRIME and XIENCE PRIME LL EECSS in improving coronary luminal diameter in subjects with symptomatic heart disease due to a maximum of two de novo native coronary artery lesions, each in a different epicardial vessel
23. **Chair, Clinical Events Committee (Non-Voting Member) : RESOLUTE International :** Evaluation of the Endeavor Resolute Zotarolimus-Eluting Stent System in a 'Real-World' Patient Population
24. **Chair, Clinical Events Committee (Non-Voting Member): RESOLUTE Harmonization:** A research collaboration between three organizations for the purpose of uniform event adjudication in Medtronic-sponsored clinical trials and inspired by earlier work done within the Academic Research Consortium. The objective of this academically-based partnership is to come to a harmonization and consistency in clinical event adjudication to allow for longitudinal and cross-sectional comparison of study results.
25. **Chair, Clinical Events Committee (Non-Voting Member): INFUSE-AMI :** A two-by-two factorial, randomized, multicenter, single-blind evaluation of intracoronary abciximab infusion and aspiration thrombectomy in patients undergoing percutaneous coronary intervention for anterior ST-segment elevation myocardial infarction
26. **Chair, Clinical Events Committee (Non-Voting Member): COMPASSION THV: Congenital Multicenter trial of Pulmonic valve regurgitation Studying the SAPIEN interventional THV (Implantation of the SAPIEN™ Transcatheter Heart Valve (THV) in the Pulmonic Position).**
27. **Chair, Clinical Events Committee (Non-Voting Member):**A randomized, multicenter study of the pimecrolimus-eluting and pimecrolimus/paclitaxel-eluting coronary stent system in patients with de novo lesions of the native coronary arteries (GENESIS)

28. **Chair, Clinical Events Committee** (Non-Voting Member): **BIOFREEDOM**: A prospective, single-blinded, randomized study to evaluate the safety and effectiveness of a low and standard dose BIOFREEDOM™ biolimus A9™ drug-eluting coronary stent delivery system compared with a TAXUS Liberte™ control arm for treatment of stenotic lesions in native coronary arteries
29. **Chair, Clinical Events Committee** (Non-Voting Member): Phase I feasibility, non-randomized, multicenter, prospective, consecutive registry. Clinical Evaluation Of the Edwards Lifesciences PercUtaneous Mitral AnnulOplasty System for the Treatment of Mitral RegurgitatioN (**EVOLUTION I**)
30. **Chair, Clinical Events Committee** (Non-Voting Member): Multicenter, prospective, non-randomized study. Clinical Evaluation Of the Edwards Lifesciences MONARC System for the treatment of Mitral RegUrgiTatION II (**EVOLUTION II**)
31. **Director of Data Coordination and Analysis**: Clinical Evaluation of the Concomitant Use of Bivalirudin (Angiomax®) and a Drug-Eluting Stent (**ADEST**)

COMPLETED

1. **Co-Investigator**: Family-Centered Intervention Trial for Heart Health (**FIT HEART II**). Funding Institution: NIH, Current Award # 2RO1HL075101-05A1
2. **Chair, Clinical Events Committee (Non-Voting Member)**: Providing Regional Observations to Study Predictors of Events in the Coronary Tree (**PROSPECT**): An imaging study in patients with unstable atherosclerotic lesions
3. **Director of Data Coordination and Analysis and Chair, Clinical Events Committee (Non-Voting Member)**: A Randomized Comparison of Angiomax® (bivalirudin) versus Lovenox®/Clexane®(enoxaparin) in patients undergoing early invasive management for acute coronary syndromes without ST-segment elevation (**ACUITY**)
4. **Principal Investigator**: **BREF-CU** Cardio Pilot Study I: A Multi-Center Pilot Study Of The Feasibility Of Collecting,Data Warehousing, & Retrieving Patient Specific Intracoronary Stent Device Information For The Purposes Of Developing A National Real-Time Medical Device Registry
5. **Director of Data Coordination & Analysis and Chair, Clinical Events Committee (Non-Voting Member)**:Sirolimus-Eluting BX Velocity™ Balloon-Expandable Stent in a Compassionate Use Registry (**SECURE**)
6. **Director of Data Coordination and Analysis and Chair, Clinical Events Committee (Non-Voting Member)**: CoMprehensive AssessmenT of SiRolimus-Eluting Stents In CompleX Lesions (**MATRIX**)
7. **Principal Investigator**: Patency, Outcome, and Economics of Minimally Invasive Direct Coronary Bypass MIDCAB (**POEM**)
8. **Director, Data Coordination and Analysis**: Primary percutaneous intervention for acute myocardial infarction (**CADILLAC trial**)
9. **Director, Data Coordination and Analysis**: **TAXUS IV** subanalyses
10. **Director, Data Coordination and Analysis** : Early Ambulation Using Mechanical Compression (**C-Clamp**)
11. **Chair, Data Safety Monitoring Board**: Implantation of AVE Stent versus JJIS stent for the prevention of stenosis (**COSTAR**)
12. **Principal Investigator**: **FREEDOM Trial Registry Substudy**: RO-1 Grant (September 2004 submission) A multicenter trial of CABG surgery versus sirolimus drug-eluting stent implantation in diabetic patients with multivessel coronary artery disease. Sponsor: NHLBI, NIH.
13. **Principal Investigator**:Ionic Versus Nonionic Contrast to Obviate Worsening Nephropathy After Angioplasty in Chronic Renal Failure Patients (**ICON**)
14. **Director, Data Coordination and Analysis** :Stent Thrombosis Registry After Localized Radiation Therapy to Inhibit Restenosis After Stenting (**ROBOTICS**)
15. **Chair, Clinical Events Committee** (Non-Voting Member: **FORTRON** Trial: A prospective, multicenter study of the Cordis endovascular Quantum LP stent graft system for the treatment of abdominal aortic aneurysms (AAA)
16. **Director of Data Coordination & Analysis**: Washington Radiation In-stent Re-Stenosis Trial (**Beta WRIST**)
17. **Director of Data Coordination & Analysis**: The Long Washington Radiation In-stent Re-Stenosis Trial: A Two-Center Randomized Trial of Intravascular Radiation Therapy to Inhibit Restenosis After Stenting (**LongWRIST**)
18. **Director of Data Coordination & Analysis**: Washington Radiation In-stent Re-Stenosis Trial (**WRIST PLUS**)
19. **Chair, Clinical Events Committee (Non-Voting Member)**: A Randomized Feasibility Study of the Double Dose or Single Dose Sirolimus-Eluting Bx Velocity Balloon Expandable Stent for the Treatment of Diabetic Patients with *DeNovo* Native Coronary Artery Lesions (**3D [Double Dose Diabetes]**)
20. **Chair, Clinical Events Committee (Non-Voting Member)**: A Multicenter, Nonrandomized Study of the **4.0**mm **SIRolimUS**-Eluting Bx Velocity Balloon Expandable Stent (**SIRIUS 4.0**)
21. **Chair, Clinical Events Committee (Non-Voting Member)**: Investigational Device Exemption for the Jomed JOSTENT® Coronary Stent Graft System (**BARRICADE**)
22. **Chair, Clinical Events Committee (Non-Voting Member)**: **CARE I**: A prospective, non-randomized, feasibility study to evaluate the safety and performance of the CardiMind coronary stent system for treatment of stenotic lesions in small diameter native coronary arteries

23. **Chair, Clinical Events Committee (Non-Voting Member):** **Cardiomind/CARE II:** A prospective, randomized, multicenter study to evaluate the safety efficacy, and performance of the Cardiomind coronary stent systems for treatment of stenotic lesions in small diameter native coronary arteries
24. **Chair, Clinical Events Committee (Non-Voting Member):** **AXXENT:** A pilot study of the DEVAX Axxess™ Plus biolimus drug eluting stent for the treatment of de novo bifurcated lesions of the left main coronary artery
25. **Chair, Clinical Events Committee (Non-Voting Member):** **AXXESS PLUS:** Safety and performance evaluation of the DEVAX AXXESS™ PLUS biolimus drug eluting stent for the treatment of de novo bifurcated lesions in native coronary arteries
26. **Chair, Clinical Events Committee (Non-Voting Member):** **RESORB Trial:** Prospective, multi-center safety study (first in man experience) to evaluate the safety of the REVA medical bioabsorbable stent platform
27. **Chair, Clinical Events Committee (Non-Voting Member):** **HEALING-AMI:** A safety evaluation of the Genous Bio-engineered R Stent in the treatment of patients with ST-segment myocardial infarction
28. **Chair, Clinical Events Committee (Non-Voting Member):** **DIVERGE:** To evaluate the safety and efficacy of the AXXESS stent for the treatment of de novo bifurcation lesions in native coronary arteries
29. **Chair, Clinical Events Committee (Non-Voting Member):** **GENOUS-SING:** A safety evaluation of the Genous Bio-engineered R stent in the treatment of patients with ST-segment elevation myocardial infarction
30. **Chair, Clinical Events Committee (Non-Voting Member):** **COHEREX:** A multicenter study to evaluate the safety and efficacy of the Coherex FlatStent PFO closure system
31. **Chair, Clinical Events Committee (Non-Voting Member):** **CONCISE (CONOR):** A prospective, multicenter evaluation of the over-the-wire (OTW) CoStar coronary stent delivery system
32. **Chair, Clinical Events Committee (Non-Voting Member):** **PRECISE (CONOR):** A prospective, multicenter evaluation of the SRX (Short Rapid Exchange) CoStar coronary stent delivery system
33. **Chair, Clinical Events Committee (Non-Voting Member):** **ANGIOSCULPT:** A prospective, multicenter, nonrandomized, single arm investigation. AngioSculpt™ scoring balloon catheter multi-center clinical investigation
34. **Chair, Clinical Events Committee (Non-Voting Member):** **ETHOS I:** To evaluate safety and efficacy of stents coated with slow-release and moderate-release formulations of 17β
35. **Director of Data Coordination & Analysis:** Stent Thrombosis Registry After Localized Radiation Therapy to Inhibit Restenosis after Stenting (**SCRIPPS III**)
36. **Director, Data Coordination and Analysis** Bovine Pericardium Covered Stent Graft (BPCS Graft) (**SLEEVE I**)
37. **Director, Data Coordination and Analysis** Pharmacodynamic Assessment of Tirofiban Versus Abciximab During Coronary Interventions (**ATHENS**)
38. **Director, Data Coordination and Analysis** Association of Platelet Glycoprotein IIIa Polymorphism With Platelet Aggregation and Myonecrosis After Percutaneous Coronary Interventions (**BIOHEART**)
39. **Director, Data Coordination and Analysis** Carotid Angioplasty and Stenting Free of Emboli (**CAFÉ**)
40. **Director, Data Coordination and Analysis** A Nonrandomized, Multicenter Registry Study to Evaluate the Safety and Clinical Effectiveness of the X Technologies FX miniRAIL™ Coronary Dilatation Catheter in Dilating Coronary Stenosis and Improving Myocardial Perfusion (**FX miniRAIL™**)
41. **Director of Data Coordination & Analysis:** A Nonrandomized, Multicenter Registry Study to Evaluate the Safety and Clinical Effectiveness of the X Technologies FX miniRAIL™ Coronary Dilatation Catheter in Dilating Coronary Stenosis and Improving Myocardial Perfusion (**FX ISR**)
42. **Director, Data Coordination and Analysis** BX Velocity™ with Hepacoat™ Raptor Over-the-Wire Stent System – De Novo and Restenotic Lesions With an Antithrombotic Regimen of Aspirin Alone (**HOPE**)
43. **Director of Data Coordination & Analysis:** A Pilot Trial of Localized Radiation Therapy (Brachytherapy) to Inhibit Restenosis After Stenting (**SCRIPPS II**)
44. **Director of Data Coordination & Analysis:** Beta Radiation to Reduce In-stent Restenosis Study in Saphenous Vein Grafts (**SVG BRITE**)
45. **Director, Data Coordination and Analysis:** Radiation After PTA In De Novo Lesions in Peripheral Arteries (**RAPID**)
46. **Director, Data Coordination and Analysis :** Safety and Performance Evaluation of the Biosensors International's Drug-Eluting Stent (CHALLENGE-Stent) (**FUTURE I**)
47. **Director, Data Coordination and Analysis :** Safety and Performance Evaluation of the Biosensors International's Drug-Eluting Stent (CHALLENGE-Stent) (**FUTURE II**)
48. **Director, Data Coordination and Analysis :** Evaluate the Safety and Clinical Effectiveness of the Matrix VSG System compared to standard compression methods in achieving hemostasis of the femoral artery puncture sites following diagnostic and interventional endovascular procedures (**AMS [Matrix Reload]**)
49. **Director, Data Coordination and Analysis :** Avandia to Prevent Restenosis and CAD Progression Trial (**APRICOT**)

50. **Director, Data Coordination and Analysis** : **Enhanced Myocardial Efficacy and Recovery by Aspiration of Liberalized Debris (EMERALD)**
51. **Director, Data Coordination and Analysis** : **EPI Filter Wire™ During Transluminal Intervention of High Risk Saphenous Vein Grafts (EPI High Risk)**
52. **Director, Data Coordination and Analysis** : **Feasibility of stenting symptomatic and asymptomatic carotid artery stenoses using the WALLSTENT® Endoprosthesis and NeuroShield™ Cerebral Protection System (MEDNOVA)**
53. **Director, Data Coordination and Analysis** : **A study of oral Rapamycin after stenting for the prevention of the restenosis in the treatment of patients with De Novo coronary artery lesions (Oral Rapamycin)**
54. **Director, Data Coordination and Analysis** : **Peripheral Arterial Disease in Interventional Patients Study (PIPS)**
55. **Director, Data Coordination and Analysis** : **Protection during Saphenous Vein Graft Intervention to Prevent Distal Embolization Study (PRIDE)**
56. **Director, Data Coordination and Analysis** : **A Prospective Multicenter Study of the Ariba™ Stent Graft System for the Treatment of Abdominal Aortic Aneurysms (Quantum LP)**
57. **Chair, Clinical Events Committee (Non-Voting Member)**: **An Evaluation of Two Reduced Sirolimus Doses on the BX Velocity Balloon-Expandable Stent in the Treatment of Patients with De Novo Native Coronary Artery Lesions (REDOX)**
58. **Director, Data Coordination and Analysis** : **A registry evaluation of patients undergoing Palmaz stent implantation following failed balloon angioplasty of renal artery stenosis (Scripps IV)**
59. **Director, Data Coordination and Analysis** : **Shelhigh, Inc.™ Stentless Porcine Bioprostheses for Aortic Valve Replacement Model NR-2000 Plus™ and Model NR-2000C Plus No-React® Treated (Shelhigh SHI-501 Valve)**
60. **Director, Data Coordination and Analysis** : **Over & Under Bovine Pericardium Covered Stent Trial (SLEEVE II)**
61. **Director, Data Coordination and Analysis** : **STent Eluting A9 bioLimus Trial in Human (STEALTH 1)**
62. **Director, Data Coordination and Analysis** : **An Evaluation of a Sirolimus-Eluting, Heparin-Coated Cobalt Chromium Balloon-Expandable Stent in the Treatment of Patients with De Novo Native Coronary Artery Lesions in Small Vessels (SVS)**
63. **Director, Data Coordination and Analysis** : **FIRE subanalyses**
64. **Director, Data Coordination and Analysis** : **HOPE (HEPACOAT and an Antithrombotic Regimen of Aspirin Alone) study**
65. **Director, Data Coordination and Analysis** : **Post-Market Surveillance of Devices; clinical outcomes after use of devices in general population in concert with FDA**
66. **Angiographic and intravascular ultrasound patterns of in-stent restenosis**
67. **Intravascular ultrasound study of the mechanisms of balloon angioplasty and excimer laser angioplasty in in-stent restenosis**
68. **Treatment of in-stent restenosis utilizing devices including balloon angioplasty, laser, rotational atherectomy and stents**
69. **Intravascular ultrasound evaluation of intimal hyperplasia within stents in a porcine model treated with angioprotein**
70. **Patency of LIMA to LAD using MID-CAB technique vs. conventional CABG on cardiopulmonary bypass (PI: POEM trial)**
71. **Member of the Angiographic committee; Women's Angiographic Vitamin and Estrogen trial (WAVE); NHLBI**
72. **Contrast-Induced Nephropathy: Effect of Contrast Media (PI: ICON trial); on outcomes after PCI**
73. **Evaluation of the significance of Lp(a) in the atheromatous plaque in different clinical syndromes; an atherectomy study**
74. **Braunwald classification of unstable angina and angiographic lesion morphology**
75. **Structure/function relationships of the calcium release channel from skeletal & cardiac muscle (Expression of this receptor via in vitro transcribed RNA injection into Xenopus monocytes and incorporation of SR vesicles into lipid bilayer system)**
76. **Cloning and characterization of the FKBP-12 in the human heart and its association with the Ryanodine receptor in the heart. PI: Andrew R. Marks**
77. **Incorporation of SR vesicles from canine myocardium into lipid bilayer system for single channel recordings of calcium channels. PI: B. Ehrlich, A. Katz**
78. **Utilization of the intravascular ultrasound probe in human and animal model PI: L. Gillam, R. McKay**

PAPERS (peer-reviewed) [http://www.ncbi.nlm.nih.gov/pubmed?term=mehran_r\[au\]](http://www.ncbi.nlm.nih.gov/pubmed?term=mehran_r[au])

1. Singh HS, Dargas GD, Guagliumi G, Yu J, Witzensbichler B, Kornowski R, Grines C, Gersh B, Dudek D, **Mehran R**, Stone GW. Comparison of Abciximab Versus Eptifibatid During Percutaneous Coronary Intervention in ST-Segment Elevation Myocardial Infarction (from the HORIZONS-AMI Trial). *Am J Cardiol*. 2012 Oct 1;110(7):940-7. Epub 2012 Jun 28. PubMed PMID: 22748356.
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