

Name: Daniel Howard Steinberg

Office Address: MUSC Division of Cardiology
25 Courtenay Drive
ART 7058 MSC 592
Charleston, SC 29425
Office: (843) 876-4762
Fax: (888) 867-5659

Education:

1993 – 1997	<i>Emory University</i> B.A. in Psychology May, 1997	Atlanta, Georgia
1997 – 2001	<i>UMDNJ – New Jersey Medical School</i> M.D. May, 2001	Newark, New Jersey

Training:

2001 - 2004	<i>University of Michigan Hospitals</i> House Officer – Internal Medicine	Ann Arbor, Michigan
2004 – 2007	<i>Georgetown/Washington Hospital Center</i> Fellow – Cardiovascular Disease	Washington, DC
2007 - 2008	<i>Washington Hospital Center</i> Fellow – Interventional Cardiology	Washington, DC

Appointments and Positions:

July 2008	<i>Medical University of South Carolina</i> Assistant Professor of Medicine Interventional Cardiology	Charleston, SC
-----------	---	----------------

Licensure and Certification:

2001 – 2004	Medicine – Educational 4301077783	Michigan
2004 – Present	Medicine and Surgery	District of Columbia

MD 034933

2008 – Present Medicine and Surgery South Carolina
TL31183

2004 – Present Board Certification Internal Medicine

2007 – Present Board Certification in Cardiovascular Disease

2008 Board Eligible in Interventional Cardiology

Advanced Training Credentials:

Cardiac Catheterization and Intervention – COCATS level 3

Echocardiography – COCATS level 2

Cardiac CT – COCATS level 2

Associations:

American Medical Association 1997 - Present

American College of Physicians 2002 - Present

American College of Cardiology 2004 - Present

American Heart Association 2004 - Present

Society for Cardiovascular Angiography and Interventions 2006 - Present

Editorial Positions:

Cardiovascular Revascularization Medicine

Member – Editorial Board

Honors and Achievements:

David E. Ross Memorial Award Newark, New Jersey
Commitment to compassionate care and the well-being of the patient and the patient's family

Best Abstracts - CRT 2007 Washington, DC
Clinical presentation and outcomes of bare metal stent restenosis: the magnitude of the problem

Excellence in Research – WHC 2007 Washington, DC

Comparison of effectiveness of bare metal stents--vs--drug-eluting stents in large (=3.5mm) coronary arteries

Volunteer Activities:

Student Family Health Care Clinic Newark, New Jersey
Participated in care for indigent population and education of junior students while in 3rd and 4th year of medical school

Clinical Skills Instructor Ann Arbor, Michigan
Participated in program designed to introduce junior medical students to clinical medicine and to develop history and physical skills

Classic Lecture Series Instructor Ann Arbor, Michigan
Participated in program that introduces 2nd year medical students in small group sessions to abnormal physical exam findings with standardized patients

Invited Presentations:

1. **Steinberg, DH**

Valvular heart disease.
Internal Medicine House Officer Conference – Georgetown University
Washington, DC. September, 2005

2. **Steinberg, DH**

Balloon aortic valvuloplasty. State of the art and future directions
Cardiology Grand Rounds – Washington Hospital Center
Washington, DC. December, 2005

3. **Steinberg, DH**

Valvular Heart Disease.
Internal Medicine House Officer Conference – DC VA Medical Center
Washington, DC. February, 2006

4. **Steinberg, DH**

Balloon aortic valvuloplasty. Results of a clinical trial
CRT – Cardiovascular Revascularization Therapies.
Washington, DC. April, 2006

5. **Steinberg, DH**

Percutaneous aortic valve replacement.
Advances in Cardiovascular Care
Washington, DC. October, 2007

6. **Steinberg, DH**
Mitral valve disease.
Internal Medicine House Officer Conference – Washington Hospital Center
Washington, DC. November, 2007
7. **Steinberg DH**, Shah P, Pinto Slottow TL, Kinnaird T, Roy P, Buch AN, Javaid A, Okabe T, Smith KA, Xue, Z Suddath WO, Kent KM, Satler LF, Pichard AD, Lindsay J, Waksman R.
Bleeding Risk and Outcomes of Bivalirudin versus Glycoprotein IIb/IIIa Inhibitors with Targeted Low-dose Unfractionated Heparin in Elective Percutaneous Coronary Intervention
Presented at the American Heart Association, 2007. Orlando, FL
8. **Steinberg DH**
Percutaneous aortic valve therapies
Cardiology Grand Rounds – Medical University of South Carolina
Charleston, South Carolina. December, 2008
9. **Steinberg DH**
Multivessel coronary artery disease: patient perspectives and treatment strategies
CRT – Cardiovascular Revascularization Strategies
Washington, DC. February, 2008
10. **Steinberg, DH**
Complications of chronic total occlusion revascularization
CRT – Cardiovascular Revascularization Strategies
Washington, DC. February, 2008
11. **Steinberg, DH**
Intravascular ultrasound – practical applications
Heart Institute (InCor), University of Sao Paulo Medical School
Sao Paulo, Brazil. May, 2008
12. **Steinberg, DH**
Percutaneous Approach to Mitral Valve Regurgitation
Cardiology Grand Rounds – Medical University of South Carolina
Charleston, South Carolina – January 2009

Bibliography:

Journal Articles:

1. **Steinberg DH**, Weissman NJ
Examining the safety and feasibility of intravascular thermographic assessment
Journal of Invasive Cardiology. 2005; 17; (12):667-668
2. Clavijo LC, **Steinberg DH**, Torguson R, Kuchulakanti PK, Chu WW, Fournadjiev J, Satler LF, Kent KM, Suddath WO, Waksman R, Pichard AD.

- Sirolimus eluting stent and calcified coronary lesions: clinical outcomes of patients treated with and without rotational atherectomy*
Catheterization and Cardiovascular Interventions. 2006: 68; (6):873-878
3. **Steinberg DH**, Mishra S, Javaid A, Pinto Slottow TL, Buch AN, Roy PK, Okabe T, Smith KA, Torguson R, Xue Z, Pichard AD, Satler LF, Kent KM, Suddath WO, Waksman R.
Comparison of effectiveness of bare metal stents--vs--drug-eluting stents in large (≥ 3.5 mm) coronary arteries
American Journal of Cardiology. 2007: 99; (5):599-602
 4. Idelchik GM, **Steinberg DH**, Ferguson JJ, Waksman R.
Assessing Risk After Acute Myocardial Infarction
Journal of the American College of Cardiology. 2007 : 49(22):2227
 5. Garg S, Smith K, Torguson R, Okabe T, Pinto Slottow TL, **Steinberg DH**, Roy P, Xue Z, Gevorkian N, Satler LF, Kent KM, Suddath WO, Pichard AD, Waksman R.
Treatment of Drug-eluting Stent Restenosis with the Same versus Different Drug-eluting Stent
Catheterization and Cardiovascular Interventions. 2007: 70(1):9-14
 6. Roy P, Torguson R, Okabe T, Slottow TL, **Steinberg DH**, Smith K, Xue Z, Gevorkian N, Satler LF, Kent KM, Suddath WO, Pichard AD, Waksman R.
Comparison between sirolimus- and paclitaxel-eluting stents in complex patient and lesions subsets.
Catheterization and Cardiovascular Interventions. 2007: 70(2):167-172
 7. **Steinberg DH**, Satler LF, Pichard AD.
Snare extraction of a fractured coronary stent in a saphenous vein graft
Catheterization and Cardiovascular Interventions. 2007: 70(2):241-243
 8. **Steinberg DH**, Waksman R.
Drug-eluting Stent Thrombosis vs. Bare Metal Stent Restenosis: Finding the lesser of two evils.
American Heart Hospital Journal. 2007: 5(3):151-154\
 9. Javaid A, Buch AN, **Steinberg DH**, Pinto Slottow T, Roy P, Pichard AD, Satler LF, Kent KM, Gevorkian N, Xue Z, Suddath WO, Waksman R.
Does Creatine Kinase-MB (CK-MB) Isoenzyme Elevation Following Percutaneous Coronary Intervention with Drug- Eluting Stents Impact Late Clinical Outcome?
Catheterization and Cardiovascular Interventions. 2007: 70(6):826-831
 10. Pinto Slottow TL, **Steinberg DH**, Waksman R.
Overview of the 2007 Food and Drug Administration Circulatory System Devices Panel Meeting on PFO Closure Devices
Circulation. 2007: 116:667-682

11. Javaid A, **Steinberg DH**, Buch AN, Corso PJ, Boyce SW, Pinto Slottow TL, Roy P, Hill P, Okabe T, Torguson R, Smith KA, Xue Z, Gevorkian N, Suddath WO, Kent KM, Satler LF, Pichard AD, Waksman R.
Outcomes of coronary artery bypass grafting versus percutaneous coronary intervention with drug-eluting stents for patients with multivessel coronary artery disease
Circulation. 2007: 116(11 Suppl I):I200-206
12. Roy P, Okabe T, Pinto Slottow TL, **Steinberg DH**, Smith KA, Torguson R, Xue Z, Gevorkian N, Satler LF, Kent KM, Suddath WO, Pichard AD, Waksman R.
Correlates of Clinical Restenosis Following the Intracoronary Implantation of Drug-Eluting Stents
American Journal of Cardiology. 2007: 100(6):969-969
13. **Steinberg DH**, Pichard AD, Satler LF, Slack MC, Wunderlich R, Majunke N, Sievert H.
PFO Closure – Past, present and future
Expert Reviews in Cardiovascular Therapeutics. 2007: 5(5):881-891
14. Roy P, Torguson R, Okabe T, Pinto Slottow TL, **Steinberg DH**, Smith KA, Xue Z, Satler LF, Pichard AD, Waksman R.
Angiographic and procedural correlates of stent thrombosis after intracoronary implantation of drug-eluting stents.
Journal of Interventional Cardiology. 2007: 20(5):307-313
15. **Steinberg DH**, Pinto Slottow TL, Buch AN, Javaid A, Roy PK, Garg S, Torguson R, Smith KA, Xue Z, Suddath WO, Kent KM, Satler LF, Pichard AD, Lindsay J, Waksman R.
Impact of In-stent Restenosis on Death and Myocardial Infarction
American Journal of Cardiology. 2007: 100(7):1109-1113
16. Slottow TL, **Steinberg DH**, Roy P, Javaid A, Buch AN, Okabe T, Xue Z, Smith K, Torguson R, Pichard AD, Satler LF, Suddath WO, Kent KM, Waksman R.
Drug-eluting stents are associated with similar cardiovascular outcomes when compared to bare metal stents in the setting of acute myocardial infarction.
Cardiovascular Revascularization Medicine. 2008: 9(1):24-28
17. Roy P, Buch AN, Javaid A, Okabe T, Raya V, Pinto Slottow TL, **Steinberg DH**, Smith K, Xue Z, Gevorkian N, Satler LF, Kent KM, Suddath WO, Pichard AD, Lindsay J, Waksman R.
Impact of “off label” utilization of drug-eluting stents on clinical outcomes in patients undergoing percutaneous coronary intervention
American Journal of Cardiology. 2008: 101(3):293-299
18. Javaid A, Siddiqi NH, **Steinberg DH**, Buch AN, Pinto Slottow TL, Roy P, Okabe T, Suddath WO, Kent KM, Satler LF, Pichard AD, Smith KA, Xue Z, Lindsay J, Waksman R.
Adjunct thrombus aspiration reduces mortality in patients undergoing percutaneous coronary intervention for ST-elevation myocardial infarction with high-risk angiographic characteristics
American Journal of Cardiology. 2008: 101(4):452-456

19. **Steinberg DH**, Satler LF
Drug-eluting stent thrombosis
Minerva Cardioangiologica. 2008: 56(1);127-134
20. Buch AN, Javaid A, **Steinberg DH**, Roy P, Pinto Slottow TL, Xue Z, Smith KA, Suddath WO, Satler LF, Kent KM, Pichard AD, Waksman R.
Clinical Outcomes after Sirolimus- and Paclitaxel-eluting Stent Implantation in Patients with Insulin Treated Diabetes Mellitus
American Journal of Cardiology. 2008: 101 (9);1253-8
21. Roy P, Raya V, Okabe T, Pinto Slottow TL, **Steinberg DH**, Smith K, Xue Z, Satler LF, Kent KM, Suddath WO, Pichard AD, Lindsay J, Waksman R.
Incidence, predictors, and outcomes of post-percutaneous coronary intervention nephropathy in patients with diabetes mellitus and normal baseline serum creatinine levels.
American Journal of Cardiology. 2008: 101 (11);1544-9
22. Roy P, **Steinberg DH**, Sushinsky SJ, Okabe T, Slottow TL, Kaneshige K, Xue Z, Satler LF, Kent KM, Suddath WO, Pichard AD, Weissman NJ, Lindsay J, Waksman R.
The potential clinical utility of intravascular ultrasound guidance in patients undergoing percutaneous coronary intervention with drug-eluting stents.
European Heart Journal. 2008 (In Press)
23. **Steinberg DH**, Shah P, Kinnaird T, Pinto Slottow TL, Roy P, Okabe T, Bonello L, de Labriolle A, Smith KA, Xue, Z Suddath WO, Kent KM, Satler LF, Pichard AD, Lindsay J, Waksman R.
Bleeding Risk and Outcomes of Bivalirudin versus Glycoprotein IIb/IIIa Inhibitors with Targeted Low-dose Unfractionated Heparin in Elective Percutaneous Coronary Intervention
American Journal of Cardiology. 2008: 102 (2);160-164
24. Bonello L, De Labriolle A, Roy P, **Steinberg DH**, Pinto Slottow TL, Xue Z, Smith KA, Torguson R, Suddath WO, Satler LF, Kent KM, Pichard AD, Waksman R.
Bivalirudin with provisional glycoprotein IIb/IIIa inhibitors in patients undergoing primary angioplasty in the setting of cardiogenic shock.
American Journal of Cardiology. 2008: 102 (3); 287-291
25. Roy P, Bonello L, De Labriolle A, Okabe T, Pinto Slottow TL, **Steinberg DH**, Torguson R, Smith KA, Xue Z, Satler LF, Kent KM, Suddath WO, Pichard AD, Waksman R.
Two year outcome of patients treated with sirolimus vs. paclitaxel-eluting stents in an unselected population of patients with coronary artery disease (from the REWARDS registry).
American Journal of Cardiology. 2008: 102 (3); 292-297
26. Pinto Slottow TL, **Steinberg DH**, Roy PK, Buch AN, Okabe T, Xue Z, Kineshige KA, Torguson R, Lindsay J, Pichard AD, Satler LF, Suddath WO, Kent KM, Waksman R.
Observations and outcomes of definite and probable drug-eluting stent thrombosis seen at a single hospital in a four-year period.

- American Journal of Cardiology. 2008: 102 (3); 298-303
27. Okabe T, Lindsay J, Buch AN, **Steinberg DH**, Roy P, Pinto Slottow TL, Smith KA, Torguson R, Xue Z, Satler LF, Kent KM, Pichard AD, Weissman NJ, Waksman R.
Drug-eluting versus bare metal stents for narrowing in saphenous vein grafts.
American Journal of Cardiology. 2008: 102 (5); 530-534
28. Bonello L, De Labriolle A, Roy P, **Steinberg DH**, Okabe T, Slottow TL, Xue Z, Torguson R, Suddath WO, Satler LF, Kent KM, Pichard AD, Lindsay J, Waksman R.
Impact of optimal medical therapy and revascularization on outcome of patients with chronic kidney disease and on dialysis who presented with acute coronary syndrome.
American Journal of Cardiology. 2008: 102 (5); 535-540
29. Coakley E, **Steinberg DH**, Tiberwala A, Asch F, Pichard AD, Kent KM, Lindsay J
Effect of alcohol septal ablation in patients with hypertrophic cardiomyopathy on the electrocardiographic pattern
American Journal of Cardiology. 2008: 102 (5); 621-624
30. Okabe T, Weigold WG, Mintz GS, Roswell R, Joshi S, Lee SY, Lee B, **Steinberg DH**, Roy P, Slottow TL, Smith K, Torguson R, Xue Z, Satler LF, Kent KM, Pichard AD, Weissman NJ, Lindsay J, Waksman R.
Comparison of intravascular ultrasound to contrast-enhanced 64-slice computed tomography to assess the significance of angiographically ambiguous coronary narrowings.
American Journal of Cardiology. 2008: 102 (8); 994-1001
31. de Labriolle A, Bonello L, Roy P, Lemesle G, **Steinberg DH**, Xue Z, Kaneshige K, Suddath WO, Satler LF, Kent KM, Pichard AD, Lindsay J, Waksman R.
Comparison of safety, efficacy, and outcome of successful versus unsuccessful percutaneous coronary intervention in "true" chronic total occlusions.
American Journal of Cardiology. 2008: 102 (9); 1185-1181
32. **Steinberg DH**, Weissman NJ.
Intravascular quantification of coronary calcification - current and future utility.
Journal of Invasive Cardiology. 2008: 20 (11); 591
33. Bonello L, Lemesle G, De Labriolle A, Roy P, **Steinberg DH**, Pinto Slottow TL, Xue Z, Torguson R, Suddath WO, Satler LF, Kent KM, Pichard AD, Lindsay J, Waksman R.
Impact of a 600-mg loading dose of clopidogrel on 30-day outcome in unselected patients undergoing percutaneous coronary intervention.
American Journal of Cardiology. 2008: 102 (10); 1318-1322
34. Okabe T, Lindsay J, Torguson R, **Steinberg DH**, Roy P, Slottow TL, Kaneshige K, Xue Z, Satler LF, Kent KM, Pichard AD, Waksman R.
Can direct stenting in selected saphenous vein graft lesions be considered an alternative to percutaneous intervention with a distal protection device?
Catheterization and Cardiovascular Interventions. 2008: 72 (6); 799-803

35. Bonello L, De Labriolle A, **Steinberg D**, Waksman R.
Thrombus aspiration during percutaneous coronary intervention.
Lancet. 2008: 372 (9643); 1034
36. Okabe T, Mintz GS, Lee SY, Lee B, Roy P, **Steinberg DH**, Pinto-Slottow T, Smith KA, Xue Z, Satler LF, Kent KM, Pichard AD, Lindsay J, Waksman R, Weissman NJ.
Five-year outcomes of moderate or ambiguous left main coronary artery disease and the intravascular ultrasound predictors of events.
J Invasive Cardiol. 2008 Dec;20(12):635-9.
37. Roy P, Bonello L, Torguson R, de Labriolle A, Lemesle G, Slottow TL, **Steinberg DH**, Kaneshige K, Xue Z, Satler LF, Kent KM, Suddath WO, Pichard AD, Lindsay J, Waksman R.
Impact of "nuisance" bleeding on clopidogrel compliance in patients undergoing intracoronary drug-eluting stent implantation.
Am J Cardiol. 2008 Dec 15;102(12):1614-7
38. Okabe T, Mintz GS, Weigold WG, Roswell R, Joshi S, Lee SY, Lee B, Steinberg DH, Roy P, Slottow TL, Kaneshige K, Torguson R, Xue Z, Satler LF, Kent KM, Pichard AD, Weissman NJ, Lindsay J, Waksman R.
The predictive value of computed tomography calcium scores: a comparison with quantitative volumetric intravascular ultrasound.
Cardiovasc Revasc Med. 2009 Jan-Mar;10(1):30-5

Book Chapters:

1. **Steinberg DH**, Escolar EE, Gallino RA, Weissman NJ
Intravascular ultrasound in peripheral arterial disease
Editors: Dieter RS, Dieter RA Jr, Dieter RA III: McGraw-Hill Publishing
Anticipated release, 12/2008

Selected Abstracts:

1. Clavijo LC, **Steinberg DH**, Torguson R, Kuchulakanti PK, Chu WW, Fournadjiev J, Satler LF, Kent KM, Suddath WO, Waksman R, Pichard AD.
Sirolimus Eluting Stent and Calcified Coronary Lesions: Clinical Outcome of Patients Treated With and Without Rotational Atherectomy
Journal of the American College of Cardiology. 2006: 47; (4):47B
2. Pinto Slottow TL, **Steinberg DH**, Roy P, Javaid A, Buch AN, Torguson R, Smith K, Xue Z, Gevorkian N, Pichard AD, Satler LF, Suddath WO, Kent KM, Waksman R.
Does Progression of Coronary Artery Disease Differ in Patients With Stable and Acute Coronary Syndrome?
Journal of the American College of Cardiology. 2007: 49; (9):200A
3. Pinto Slottow TL, **Steinberg DH**, Roy P, Javaid A, Buch AN, Torguson R, Smith K, Xue Z,

- Gevorkian N, Pichard AD, Satler LF, Suddath WO, Kent KM, Waksman R.
Erythrocyte Transfusions after Acute Myocardial Infarction in Diabetic and Non-diabetic Patients.
Journal of the American College of Cardiology. 2007: 49; (9):201A
4. Pinto Slottow TL, **Steinberg DH**, Roy P, Javaid A, Buch AN, Torguson R, Smith K, Xue Z, Gevorkian N, Pichard AD, Satler LF, Suddath WO, Kent KM, Waksman R.
Is There a Gap in Long-Term Clinical Outcome in Patients With Complicated Versus Noncomplicated Acute Myocardial Infarction Who Survived Hospitalization?
Journal of the American College of Cardiology. 2007: 49; (9):247A
5. Roy P, Raya V, Okabe T, Pinto Slottow TL, **Steinberg DH**, Smith K, Xue Z, Gevorkian N, Satler LF, Kent KM, Suddath WO, Pichard AD, Waksman R.
Clinical Correlates of Restenosis Following Coronary Implantation of Drug-Eluting Stents
Journal of the American College of Cardiology. 2007: 49; (9):4B
6. **Steinberg DH**, Mishra S, Javaid A, Pinto Slottow TL, Buch AN, Roy PK, Okabe T, Smith KA, Torguson R, Xue Z, Pichard AD, Satler LF, Kent KM, Suddath WO, Waksman R.
Comparison of effectiveness of bare metal stents--vs--drug-eluting stents in large (=3.5mm) coronary arteries
Journal of the American College of Cardiology. 2007: 49; (9):33B
7. Roy P, Buch AN, Raya V, Okabe T, Pinto Slottow TL, **Steinberg DH**, Smith K, Xue Z, Gevorkian N, Satler LF, Kent KM, Pichard AD, Waksman R.
Comparison of Sirolimus-Versus Paclitaxel-Eluting Stents in an Unselected Population With Coronary Artery Disease: Two-Year Results From the REWARDS Registry
Journal of the American College of Cardiology. 2007: 49; (9):44B
8. **Steinberg DH**, Pinto Slottow TL, Torguson R, Roy P, Javaid A, Buch AN, Garg S, Okabe T, Smith KA, Xue Z, Gevorkian N, Suddath WO, Kent KM, Satler LF, Pichard AD, Waksman R.
Clinical presentation and outcomes of bare metal stent restenosis: the magnitude of the problem
Cardiovascular Revascularization Medicine. 2007: 69; (6):S31
9. **Steinberg DH**, Pinto Slottow TL, Torguson R, Roy P, Javaid A, Buch AN, Garg S, Okabe T, Smith KA, Xue Z, Gevorkian N, Suddath WO, Kent KM, Satler LF, Pichard AD, Waksman R.
Clinical correlates of major cardiac adverse events in patients on optimal medical therapy following percutaneous coronary intervention with drug-eluting stents
Catheterization and cardiovascular interventions. 2007: 69; (6):S48
10. Raya V, Roy P, Buch AN, Javaid A, Okabe T, Pinto Slottow TL, **Steinberg DH**, Smith KA, Xue Z, Satler LF, Kent KM, Suddath WO, Pichard AD, Lindsay J, Waksman R.
The impact of percutaneous coronary intervention on renal function in diabetic patients with normal baseline serum creatinine.
Circulation. 2007: 116-II:355

11. Roy P, Buch AN, Javaid A, Okabe T, Pinto Slottow TL, **Steinberg DH**, Smith KA, Xue Z, Satler LF, Kent KM, Suddath WO, Pichard AD, Waksman R.
Does Intravascular Ultrasound Guidance During Percutaneous Coronary Intervention Prevent Stent Thrombosis After Implantation of Drug-Eluting Stents?
Circulation. 2007: 116-II: 360
12. **Steinberg DH**, Shah P, Pinto Slottow TL, Kinnaird T, Roy P, Buch AN, Javaid A, Okabe T, Smith KA, Xue, Z Suddath WO, Kent KM, Satler LF, Pichard AD, Lindsay J, Waksman R.
Bleeding Risk and Outcomes of Bivalirudin versus Glycoprotein IIb/IIIa Inhibitors with Targeted Low-dose Unfractionated Heparin in Elective Percutaneous Coronary Intervention
Circulation. 2007: 116-II:630
13. Roy P, Buch AN, Javaid A, Okabe T, Raya V, Pinto Slottow TL, **Steinberg DH**, Smith KA, Xue Z, Satler LF, Kent KM, Suddath WO, Pichard AD, Lindsay J, Waksman R.
Impact of "Off Label" Utilization of Drug-Eluting Stents on Clinical Outcomes in Patients Undergoing Percutaneous Coronary Intervention
Circulation. 2007: 116-II:704
14. Roy P, Torguson R, Buch AN, Javaid A, Okabe T, Pinto Slottow TL, **Steinberg DH**, Smith KA, Xue Z, Satler LF, Kent KM, Suddath WO, Pichard AD, Waksman R.
Intravascular Ultrasound Guidance: Angiographic and Procedural Correlates of Stent Thrombosis After Intracoronary Implantation of Drug-Eluting Stents
Circulation. 2007: 116-II:616
15. Pinto Slottow TL, **Steinberg DH**, Roy P, Javaid A, Buch AN, Smith KA, Xue, Z, Pichard AD, Satler LF, Suddath WO, Kent KM, Waksman R.
Incidence and Correlates of Drug-Eluting Stent Thrombosis in a Series of 215 Patients with Definite/Probable Stent Thrombosis
Circulation. 2007: 116-II:566
16. Coakley E, **Steinberg DH**, Tibrewala A, Asch F, Pichard AD, Kent KM, Lindsay J
Alcohol Septal Ablation of Hypertrophic Cardiomyopathy Produces a Distinctive ECG Pattern
Circulation. 2007: 116-II:367
17. Okabe T, Mintz GS, Hong YJ, Lee SY, Buch AN, Roy P, Pinto Slottow TL, **Steinberg DH**, Javaid A, Smith KA, Xue Z, Satler LF, Kent KM, Pichard AD, Weissman NJ, Waksman R.
Four-Year Outcome of Moderate Left Main Disease: Intravascular Ultrasound Predictor of Events
Circulation. 2007: 116-II:362
18. **Steinberg DH**, Gaglia MA, Pinto Slottow TL, Roy P, Okabe T, Bonello L, De Labriolle A, Smith KA, Torguson R, Xue Z, Suddath WO, Kent KM, Satler LF, Pichard AD, Lindsay J, Waksman R.

Increased target vessel revascularization in patients with drug-eluting stent restenosis compared to bare metal stent restenosis treated with drug-eluting stents.

Accepted ACC-12, 2008

19. **Steinberg DH**, Gaglia MA, Pinto Slottow TL, Roy P, Okabe T, Bonello L, De Labriolle A, Smith KA, Torguson R, Xue Z, Suddath WO, Kent KM, Satler LF, Pichard AD, Lindsay J, Waksman R.

Outcomes in African American versus non-African American Patients following Percutaneous Coronary Intervention With Drug Eluting Stents.

Accepted ACC-12, 2008

20. **Steinberg DH**, Gaglia MA, Pinto Slottow TL, Roy P, Okabe T, Bonello L, De Labriolle A, Smith KA, Torguson R, Xue Z, Suddath WO, Kent KM, Satler LF, Pichard AD, Lindsay J, Waksman R.

The Syntax score predicts freedom from events in patients with three vessel coronary artery disease undergoing percutaneous intervention with drug-eluting stents.

Accepted CRT 2008

Selected Research Activities:

1. Adjuvant Radiation in Aortic VALvuloplasty – ARAVA
Washington, DC – 2005-2008
Role: Investigator
Prospective, randomized single-center trial of external beam radiation to inhibit restenosis in patients undergoing balloon aortic valvuloplasty
2. PERSEUS – workhorse and PERSEUS – small vessel
Washington, DC – 2006-2008
Role: Sub-Investigator
Prospective, randomized, multi-center, multi-national trial comparing the TAXUS-Element drug-eluting stent to the TAXUS-Express in patients with coronary disease undergoing percutaneous intervention
3. Angiogenesis in women with angina who are not candidates for Revascularization – AWARE
Washington, DC – 2006-2008
Role: Sub-Investigator
Prospective, randomized, multi-center trial evaluating the safety and efficacy of Ad5FGF-4 in women with angina who are not candidates for revascularization.
4. Percutaneous coronary intervention with bivaliRudin for patients with acute Myocardial Infarctions with St Elevation – PROMISE
Washington, DC – 2006-2008
Role: Member DSMB
Prospective, multi-center, randomized, open label trial evaluating the efficacy and safety of bivaluridin versus unfractionated heparin in patients with acute ST-segment elevation myocardial infarction.

5. Placement of AoRTic tranNscathER valves trial – PARTNER

Washington, DC – 2007-2008

Role: Sub-Investigator

Prospective, randomized, multi-center trial evaluating safety and efficacy of the Edwards-Sapien percutaneous aortic valve in patients at high or prohibitive risk for conventional surgical aortic valve replacement.

SATURN

REALISM

INNOVATE-PCI

XIENCE-V USA