

Curriculum Vitae

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Stephen E. Kimmel, MD, MSCE

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If you are not a U.S. citizen or holder of a permanent visa, please indicate the type of visa you have:
none (U.S. citizen)

Education:

1984	A.B.	Princeton University, Princeton, NJ (Chemistry)
1988	M.D.	New York University School of Medicine, New York, NY (Medicine)
1995	M.S.C.E.	Perelman School of Medicine University of Pennsylvania (Clinical Epidemiology)

Postgraduate Training and Fellowship Appointments:

1988-1989	Intern, Internal Medicine, Brigham and Women's Hospital, Boston, MA
1989-1991	Resident, Internal Medicine, Brigham and Women's Hospital, Boston, MA
1991-1994	Fellow in Cardiology, Perelman School of Medicine University of Pennsylvania, Philadelphia, PA
1992-1994	Fellow in Pharmacoeconomics, Perelman School of Medicine University of Pennsylvania, Philadelphia, PA

Military Service:
[none]

Faculty Appointments:

1994-2003	Assistant Professor of Medicine, University of Pennsylvania School of Medicine
1995-2003	Assistant Professor of Biostatistics and Epidemiology, University of Pennsylvania School of Medicine (Secondary)
2003-2011	Associate Professor of Medicine, University of Pennsylvania School of Medicine
2003-2011	Associate Professor of Epidemiology in Biostatistics and Epidemiology, University of Pennsylvania School of Medicine (Secondary)
2011-2020	Professor of Epidemiology in Biostatistics and Epidemiology, University of Pennsylvania School of Medicine (Secondary)
2011-2020	Professor of Medicine, University of Pennsylvania School of

	Medicine
2020-present	Emeritus Professor of Medicine and Epidemiology, University of Pennsylvania School of Medicine
2020-present	Dean's Professor of Epidemiology, University of Florida

Hospital and/or Administrative Appointments:

1994-2005	Attending, Hospital of the University of Pennsylvania
1994-2015	Attending, Veterans Affairs Medical Center
1994-2020	Director, Cardiovascular Epidemiology, Cardiovascular Division, Department of Medicine, Perelman School of Medicine University of Pennsylvania
1997-2005	Director, Epidemiology Track, Master of Science in Clinical Epidemiology Program, Perelman School of Medicine University of Pennsylvania
2002-2005	Co-Director, Master of Science in Clinical Epidemiology Program and PhD in Epidemiology, Perelman School of Medicine University of Pennsylvania
2006-2012	Deputy Director, Clinical Epidemiology Unit, Perelman School of Medicine University of Pennsylvania, Center for Clinical Epidemiology and Biostatistics
2011-2020	Director, Center for Therapeutic Effectiveness Research, Perelman School of Medicine University of Pennsylvania
2012-2013	Acting Director of the Division of Clinical Epidemiology and the Clinical Epidemiology Unit, Perelman School of Medicine University of Pennsylvania
2013-2020	Director of the Division of Clinical Epidemiology and the Clinical Epidemiology Unit, Perelman School of Medicine University of Pennsylvania
2020-present	Chair, Department of Epidemiology, University of Florida College of Public Health and Health Professions and College of Medicine

Other Appointments:

1994-2020	Senior Scholar, Perelman School of Medicine University of Pennsylvania, Center for Clinical Epidemiology and Biostatistics (CCEB)
1997-2020	Member, Graduate Group in Epidemiology and Biostatistics, Biomedical Graduate Studies Program, Perelman School of Medicine University of Pennsylvania
2003-2020	Senior Fellow, Leonard Davis Institute
2011-2020	Senior Fellow, Center for Behavioral Health Research, University of Pennsylvania
2015-2020	Member, Graduate Group in Epidemiology and Biostatistics (GGEB), Perelman School of Medicine at the University of Pennsylvania
2018-present	Member, American Epidemiological Society

Specialty Certification:

1991-2015	Board Certified in Internal Medicine (recertified in 2001)
1996-2015	Board Certified in Cardiology (recertified in 2001)
2001	American College of Epidemiology

Licensure:

1991-Present	Commonwealth of Pennsylvania
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Awards, Honors and Membership in Honorary Societies:

1984	Phi Beta Kappa
1984	Sigma Xi Research Society
1984	Sigma Xi Award for Outstanding Research in Chemistry
1988	Alpha Omega Alpha
1993	American College of Cardiology/Merck Adult Cardiology Fellowship Award
1996	Award for Best Poster, International Conference on Pharmacoepidemiology
2001	Excellence in Teaching in Epidemiology Award, Master of Science in Clinical Epidemiology Program
2001	Leonard Berwick Memorial Teaching Award
2003	ISPE Pharmacoepidemiology and Drug Safety Best Paper Prize
2004	UPHS Quality and Safety Award for Controlling Hypertension at Penn (CHAP)
2007-2008	Excellence in Teaching Epidemiology Award
2009	Honorable Mention, ISPE Pharmacoepidemiology and Drug Safety Best Article Award - "Moderate and high affinity serotonin reuptake inhibitors increase the risk of upper gastrointestinal toxicity"
2010-2011	Lindback Award for Distinguished Teaching
2014	Clinical Research Forum Top 10 Clinical Research Achievements for 2014

Memberships in Professional and Scientific Societies and Other Professional Activities:International:

1994-Present	International Society of Pharmacoepidemiology (Member 1994-2004, Fellow 2004-present)
1998-2001	ISPE Educational Committee (Member)
2000-2001	ISPE Board of Directors (Member)

National:

1984-Present	Sigma Xi Research Society (Member)
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1996	American College of Cardiology (Member, Subcommittee to Write Statement on "Development & Maintenance of Competence in Coronary Intervention Procedures")
1996-Present	American College of Cardiology (Fellow)
1996-Present	American Heart Association Council on Epidemiology and Prevention (Member)
1996-Present	American Heart Association and American Heart Association Council on Epidemiology and Prevention (Fellow)
1996-Present	Society for Cardiac Angiography and Interventions (Elected Consultant)
1998-1999	American College of Cardiology Scientific Sessions (Chair of Session)
1999-Present	Society for Epidemiologic Research (SER) (Member)
2000-Present	American Society for Clinical Pharmacology and Therapeutics (ASCPT) (Member)
2000-2003	Program Committee, National American Heart Association Council on Epidemiology (Member)
2001	Advisory Group, "One of a Kind", American Heart Association Quality of Care and Outcomes Research Expert Panel (Member)
2001-Present	American College of Epidemiology (Member)
2001-2002	National Peer Review Committee, American Heart Association Outcomes Research (Member)
2001-2002	Quality of Care and Outcomes Research Network of Experts, American Health Association (Appointed Member)
2002	Advocacy Committee, Epidemiology and Prevention Council of the American Heart Association (Member)
2002-2004	American College of Cardiology, National Cardiovascular Data Registry, Scientific and Clinical Support Task Force (Member)
2002-Present	National Institutes of Health, National Heart, Lung, and Blood Study Section (Ad Hoc Member reviewing all K-grants)
2002	Session at the Genomics Revolution: Bench to Bedside to Community and the 42nd Annual Conference on Cardiovascular Disease and Epidemiology and Prevention (Chair)
2006-Present	American College of Epidemiology (Fellow)

2007-Present	American Society for Clinical Investigation (ASCI) (Member)
2008-present	Adult Congenital Heart Association (Member)
2008-Present	American Society of Human Genetics (Member)
2008-Present	Pharmacogenetics Research Network (PGRN) (Affiliate Membership)
2018-Present	American Epidemiological Society (Elected Member)

Local:

2000-2002	Health Measurement Task Force, Pennsylvania Delaware, American Heart Association (Member)
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Editorial Positions:

1994-Present	Editorial Consultant, Journal of General Internal Medicine
1995-Present	Editorial Consultant, Annals of Internal Medicine
1996-Present	Editorial Consultant, The Journal of the American Medical Association
1997-Present	Editorial Consultant, Journal of the American College of Cardiology
1997-Present	Editorial Consultant, American Heart Journal
1997-Present	Editorial Consultant, New England Journal of Medicine
1999-2015	Associate Editor for North America, Pharmacoepidemiology and Drug Safety
2002-Present	Editorial Consultant, Circulation
2002-Present	Editorial Consultant Archives of General Psychiatry
2002-Present	Editorial Consultant, American Journal of Cardiology
2002-Present	Editorial Consultant, American Journal of Cardiovascular Drugs
2008-Present	Editorial Consultant, Blood

Academic and Institutional Committees:

1997-2005	Member, Master of Science in Clinical Epidemiology Admission Committee
1997-Present	Member, CCEB Graduate Teaching Curriculum Committee
1998-2002	Member, BGS Curriculum/Academic Standards Committee
1998-2005	Member, PhD in Epidemiology Admission Committee
1998-2002	Chair, CCEB Awards Committee
1999-2001	Chair, CCEB Institutional Review Board Committee
2002-2005	Chair, Master of Science in Clinical Epidemiology Curriculum Committee
2003-Present	Member, Committee on Appointments and Promotions (COAP), Department of Biostatistics and Epidemiology, University of

	Pennsylvania School of Medicine
2007-2016	Chair, Division of Epidemiology Recruitment Committee
2007-2008	Chair, University of Pennsylvania Bioethics External Review Committee
2008-2009	Chair of the Think Health Scientific Advisory Committee

Major Academic and Clinical Teaching Responsibilities:

1994-1996	Medicine 100 for Medical Students, Fall Semester (Penn Medicine)
1994-1998	Medicine 101A for Medical Students, Spring Semester (Penn Medicine)
1994-2000	Preceptor for EP 154, Medical Student Epidemiology Course, Spring/Fall Semester (Penn Medicine)
1994-2015	Attending Rounds at HUP and VA Medical Center (2 months/year)(Penn Medicine)
1994-2015	Clinic Supervisor, VA Medical Center and HUP (Penn Medicine)
1994-Present	Methods in Clinical Research. Seminar Series for Cardiology Fellows, Medical Residents, and Medical Students (Penn Medicine)
1994-2020	Faculty Preceptor, Cardiology Journal Club (Penn Medicine)
1998-2020	EP644 Cardiopulmonary Epidemiology, Advanced Master of Science in Clinical Epidemiology Course: Course Director and Teacher, Summer Semester (Penn Medicine)
2002-2005	Co-Director, MSCE Program at the University of Pennsylvania School of Medicine (30-40 Masters Students/year)
2006	"Adherence from the Academic Perspective. Setting a Research and Action Agenda to Increase Healthy Behaviors and Adherence.", Leonard Davis Institute, University of Pennsylvania, Philadelphia, PA
2008	"Warfarin Pharmacogenetics", The Children's Hospital of Philadelphia Pediatric Care Research Lecture, Philadelphia, PA

Lectures by Invitation (Last 5 years):

Jun, 2015	"Warfarin pharmacogenomics - current best evidence", ISTH 2015 Congress, 61st Annual SSC Meeting, Toronto, Canada
Nov, 2015	"Applying an Implementation Science Approach to Genomic Medicine", presented at Research for Health, Washington, DC.
Mar, 2016	"Warfarin pharmacogenomics: What Went Right?", UNC Center for Pharmacogenomics and Individualized Therapy, Chapel Hill, NC
Aug, 2016	"Pharmacogenetic Clinical Utility and Clinical Adoption: The Proof is in the Pudding", The 32nd Annual ICPE Conference, Dublin, Ireland
Apr, 2017	"What Does the DMC Really Need to Know?", 10th Annual Conference on Statistical Issues in Clinical Trials: Current Issues Regarding Data and Safety Monitoring Committees in Clinical Trials, University of Pennsylvania, Philadelphia, PA
Aug, 2017	"Clinical Utility Research and Pharmacogenomics: Trials and Tribulations", 33rd ICPE, Palais des congrès de Montréal

Aug, 2018	"Clinical Utility Research and Pharmacogenomics: Trials and Tribulations", 34th ICPE, Prague Congress Centre, Prague, Czech Republic
Nov, 2019	"Precision Medicine Meets Precision Methods", University of Florida, Center for Pharmacogenomics and Precision Medicine, Seminar Series, Center for Drug, Evaluation and Safety.

Organizing Roles in Scientific Meetings:

2001	Member, Program Committee, National American Heart Association Council on Epidemiology New Orleans, LA
2002	Member, Program Committee, National American Heart Association Council on Epidemiology Honolulu, HI
2003	Member, Program Committee, National American Heart Association Council on Epidemiology Miami, FL
2006	ISPE, International Conference on Pharmacoepidemiology, Committee on Pharmacogenomics Lisbon, Portugal
2009	ISPE Special Interest Group in Pharmacogenomics Providence, RI
Nov, 2010	Session Chair, "Pharmacogenetics: Found in Translation?", FIP Pharmaceutical Sciences 2010 World Congress, AAPS Annual Meeting and Exposition New Orleans, LA
2010	"Medication Adherence: Specific Recommendations to Transform Clinical Care" Session II Co-Chair, Duke Clinical Research Institute, Medication Adherence: What do we need to do to get people to take their medicines? McLean, VA
Apr, 2016	Moderator, AHA 2016 Heart Science Forum presented by Penn Medicine. Philadelphia, PA

Bibliography:

Research Publications, peer reviewed (print or other media):

1. Kimmel SE, Berlin JA, Laskey WK: The Relationship Between Coronary Angioplasty Procedure Volume and Major Complications. JAMA 274: 1137-1142, 1995.
2. Kimmel SE, Berlin JA, Strom BL, Laskey WK: Development and Validation of a Simplified Predictive Index for Major Complications in Contemporary Percutaneous Transluminal Coronary Angioplasty Practice. J Am Coll Cardiol 26: 931-938, 1995.
3. Strom BL, Berlin JA, Kinman JL, Spitz PW, Hennessy S, Feldman H, Kimmel S,

Carson J: Parenteral Ketorolac and Risk of Gastrointestinal and Operative Site Bleeding. A Postmarketing Surveillance Study. JAMA 275: 376-382, 1996.

4. Feldman HI, Kinman JL, Berlin JA, Hennessy S, Kimmel SE, Farrar J, Carson JL, Strom BL: Parenteral Ketorolac: The Risk of Acute Renal Failure. Ann Intern Med 126: 193-199, 1997.
5. Hennessy S, Kinman JL, Berlin JA, Feldman HI, Carson JL, Kimmel SE, Farrar J, Harb G, Strom BL: Lack of hepatotoxicity of parenteral ketorolac in the hospital setting. Arch Intern Med 157: 2510-2514, 1997.
6. Kimmel SE, Berlin JA, Hennessy S, Strom BL, Krone RJ, Laskey WK: Risk of Major Complications from Coronary Angioplasty Performed Immediately after Diagnostic Coronary Angiography: Results from the Registry of the Society for Cardiac Angiography and Interventions. J Am Coll Cardiol 30: 193-200, 1997.
7. Hirshfeld JW, Ellis SG, Faxon DP, Block PC, Carver JR, Douglas JS, Eigler NH, Hlatky MA, Holmes DR, Huter AM, Jacobs AK, Johnson WL, Jollis JG, Kimmel SE, Laskey WK, Luft H, Malenka DJ, Oboler AA, Summers AE, Taussig AS: ACC Clinical Competence Statement. Recommendations for the Assessment and Maintenance of Proficiency in Coronary Interventional Procedures. Statement of the American College of Cardiology. J Am Coll Cardiol 31: 722-743, 1998.
8. Kimmel SE, Sekeres MA, Berlin JA, Ellison N, DiSesa VJ, Strom BL: Risk Factors for Clinically Important Adverse Events after Protamine Administration following Cardiopulmonary Bypass. J Am Coll Cardiol 32: 1916-1922, 1998.
9. Kimmel SE, Sekeres MA, Berlin JA, Goldberg LR, Strom BL: Adverse Events after Protamine Administration in Patients Undergoing Cardiopulmonary Bypass: Incidence of Events and Risks and Predictors of Under-Reporting. J Clin Epidemiol 51: 1-10, 1998.
10. Berlin JA, Kimmel SE, Ten Have TR, Sammel MD: An Empirical Comparison of Several Clustered Data Approaches under Confounding due to Cluster Effects in the Analysis of Complications of Coronary Angioplasty. Biometrics 55: 470-476, 1999.
11. Conroy MB, Rodriguez SU, Kimmel SE, Kasner SE: Helicopter transfer offers a Potential Benefit to Patients with Acute Stroke. Stroke 30: 2580-2584, 1999.
12. Kimmel SE, Keane MG, Crary JL, Jones J, Kinman JL, Beare J, Sammel M, St. John Sutton M, Strom BL: Detailed Examination of Fenfluramine-Phentermine Users with Abnormalities Identified in Fargo, North Dakota. Am J Cardiol 84: 304-308, 1999.
13. Mahoney P, Kimmel SE, DeNofrio D, Wahl P, Loh E: Prognostic Significance of

Atrial Fibrillation in Patients at a Tertiary Medical Center Referred for Heart Transplantation because of Severe Heart Failure. Am J Cardiol 83: 1544-1547, 1999.

14. Kasner SE, Kimmel SE: Accuracy of Initial Stroke Subtype Diagnosis-A Decision Analysis. Cerebrovasc Dis 10: 18-24, 2000.
15. Kimmel SE, Localio AR, Brensinger C, Miles C, Hirshfeld J, Haber HL, Strom BL: Effects of Coronary Stents on Cardiovascular Outcomes in Broad-Based Clinical Practice. Arch Intern Med 160: 2593-2599, 2000.
16. Krone RJ, Laskey WK, Johnson C, Kimmel SE, Klein LW, Weiner BH, Cosentino JJA, Johnson SA, Babb JD for the Registry Committee of the Society for Cardiac Angiography and Interventions: A Simplified Lesion Classification for Predicting Success and Complications of Coronary Angioplasty. Am J Cardiol 85: 1179-1184, 2000.
17. Laskey WK, Kimmel S, Krone RJ: Contemporary Trends in coronary Intervention: A Report From the Registry of the Society for Cardiac Angiography and Interventions. Catheterization and Cardiovascular Interventions 49: 19-22, 2000.
18. Mohler III ER, Klugherz B, Goldman R, Kimmel SE, Wade M, Sehgal CM: Trial of a Novel Prostacyclin Analogue, UT-15, in Patients with Severe Intermittent Claudication. Vasc Med 5: 231-237, 2000.
19. Zado ES, Callans DJ, Gottlieb CD, Kutalek SP, Wilbur SL, Samuels FL, Hessen SE, Movsowitz CM, Fontaine JM, Kimmel SE, Marchlinski FE: Efficacy and Safety of Catheter Ablation in Octogenarians. J Am Coll Cardiol 35: 458-462, 2000.
20. Kimmel SE, Berlin JA, Miles C, Jaskowiak J, Carson JL, Strom BL: Risk of Acute First Myocardial Infarction and Use of Nicotine Patches. J Am Coll Cardiol 37: 1297-302, 2001.
21. Kimmel SE, Localio AR, Krone RJ, Laskey WK: The Effects of Contemporary Use of Coronary Stents on In-hospital Mortality. J Am Coll Cardiol 37: 499-504, 2001.
22. Passman R, Beshai J, Pavri B, Kimmel S: Predicting Post-Coronary Bypass Surgery Atrial Fibrillation from the Pre-Operative Electrocardiogram. Am Heart J 142(5): 806-10, 2001.
23. Sauer WH, Berlin JA, Kimmel SE: Selective Serotonin Reuptake Inhibitors and Myocardial Infarction. Circulation 104: 1894-1898, 2001.
24. Shammash JB, Trost JC, Berlin JA, Golden MA, Kimmel SE: Perioperative Beta Blocker Withdrawal and Mortality in Vascular Surgical Patients. Am Heart J 141:

148-153, 2001.

25. Silverman BG, Holmes J, Kimmel S, Branas C, Ivins D, Weaver R, Chen Y: Modeling emotion and behavior in animated personas to facilitate human behavior change: the case of the HEART-SENSE game. Health Care Management Science 4(3): 213-28, 2001.
26. Goyal A, Samaha FF, Boden WE, Wade MJ, Kimmel SE: Stress test criteria used in the conservative arm of the Fast Revascularization during instability in coronary artery disease (FRISC-II) trial under-detects surgical coronary artery disease (FRISC-II) trial under-detects surgical coronary artery disease when applied to patients in the Veterans Affairs Non-Q-Wave Infarction Strategies in Hospital (VANQWISH) trial. J Am Coll Cardiol 39: 1601-7, 2002.
27. Hennessy S, Bilker WB, Knauss JS, Margolis DJ, Kimmel SE, Reynolds RF, Glasser DB, Morrison MF, Strom BL: Cardiac arrest and ventricular arrhythmia in patients taking antipsychotic drugs: cohort study using administrative data. BMJ 325: 1070-74, 2002.
28. Kasner SE, Wein T, Piriyaawat P, Villar-Cordova CE, Krieger DW, Chalela JA, Morgenstern LB, Kimmel SE, Grotta JC: Acetaminophen for altering body temperature in acute stroke: A randomized clinical trial. Stroke 33: 130-135, 2002.
29. Kimmel SE, Berlin J, Kinman J, Hennessy S, Feldman H, Carson J, Strom B: Parenteral Ketorolac and Risk of Myocardial Infarction. Pharmacoepidemiology and Drug Safety 11: 113-119, 2002.
30. Kimmel SE, Sauer WH, Brensinger C, Hirshfeld J, Haber HL, Localio AR: Relationship between coronary angioplasty laboratory volume and outcomes after hospital discharge. Am Heart J 143: 833-40, 2002.
31. Kimmel SE, Sekeres M, Berlin JA, Ellison N: Mortality and adverse events following protamine administration in patients undergoing cardiopulmonary bypass. Anesth Analg 94: 1402-1408, 2002.
32. Kizer JR, Silvestry FE, Kimmel SE, Kasner SE, Wiegers SE, Erwin MB, Schwalm SA, Viswanathan MN, Pollard JR, St. John Sutton MG: Racial differences in the prevalence of cardiac sources of embolism in subjects with unexplained stroke or transient ischemic attack evaluated by transesophageal echocardiography. Am J Cardiol 90: 395-400, 2002.
33. Krone RJ, Kimmel SE, Laskey WK, Klein LW, Schechtman KB, Cosentino JJA, Babb JD, Weiner BH, for the Registry Committee of the Society for Cardiac Angiography and Interventions: Evaluation of the Society for Coronary Angiography and Interventions (SCAI). Evaluation of the Society for Coronary

Angiography and Interventions lesion classification system in 14,133 patients with Percutaneous Coronary Interventions in the current stent era. Cathet Cardiovasc Intervent 55: 1-7, 2002.

34. Samaha FF, Kimmel SE, Kizer J, Goyal A, Wade M, Boden WE: Usefulness of the TIMI risk score in predicting both short-and long-term outcomes in the Veterans Affairs Non-W-Wave infarction strategies in-hospital (VANQWISH) trial. Am J Cardiol 90: 922-926, 2002.
35. Sauer WH, Berlin JA, Strom BL, Miles C, Carson JL, Kimmel SE: Cigarette yield and the risk of myocardial infarction in smokers. Arch Intern Med 162: 300-306, 2002.
36. Silverman BG, Holmes J, Kimmel S, Branas C: Computer games may be good for your health. Journal of Healthcare Management 16: 80-85, 2002.
37. Christie JD, Kotloff RM, Pochettino A, Arcasoy SM, Rosengard BR, Landis JR, Kimmel SE: Clinical Risk Factors for Primary Graft Failure Following Lung Transplantation. Chest 124: 1232-1241, 2003.
38. Horwitz PA, Berlin JA, Sauer WH, Laskey WK, Krone RJ, Kimmel SE: Bleeding risk of platelet glycoprotein IIb/IIIa receptor antagonists in broad-based practice: results from the society for cardiac angiography and interventions registry. Am J Cardiol 91: 803-806, 2003.
39. Kawut SM, Taichman DB, Archer-Chicko CL, Palevsky HI, Kimmel SE: Hemodynamics and survival of patients with pulmonary arterial hypertension related to systemic sclerosis. Chest 123: 344-50, 2003.
40. Kelley MP, Klugherz BD, Hashemi SM, Meneveau NF, Johnston JM, Matthai WH, Banka VS, Herrmann HC, Hirshfeld JW, Kimmel SE, Kolansky DM, Horwitz PA, Schiele F, Bassand JPL, Wilensky RL: One-year clinical outcomes of protected and unprotected left main coronary artery stenting. European Heart Journal 24: 1554-1559, 2003.
41. Kimmel SE: The relative safety of ephedra compared with other herbal products. Ann Intern Med 139(3): 234, 2003.
42. Kimmel SE, Lewis JD, Jaskowiak J, Kishel L, Hennessy S: Enhancement of medication recall using medication pictures and lists in telephone interviews. Pharmacoepidemiology and Drug Safety 12: 1-8, 2003.
43. Kizer JR, Berlin JA, Laskey WK, Schwartz JS, Sauer WH, Krone RJ, Kimmel SE: Limitations of current risk-adjustment models in the era of coronary stenting. Am Heart Journal 145(4): 683-692, 2003.

44. Kizer JR, Berlin JA, Laskey WK, Schwartz S, Sauer WH, Krone RJ, Kimmel SE: Procedure-Related Mortality in the Stent Era: Limitations of Current Risk-Adjustment Models. American Heart Journal 145: 683-692, 2003.
45. Sauer WH, Berlin JA, Kimmel SE: Effect of antidepressants and their relative affinity for the serotonin transporter on the risk of myocardial infarction. Circulation 108: 32-36, 2003.
46. Seifert HA, Jobes DR, Ten Have T, Kimmel SE, Montenegro LM, Steven JM, Nicolson SC, Strom BL: Adverse Events after Protamine Administration following Cardiopulmonary Bypass in Infants and Children. Anesth Analg 97: 383-389, 2003.
47. Baer JT, Sauer WH, Berlin JA, Kimmel SE: Comparison of angiotensin-converting enzyme inhibitors and angiotensin II receptor blockers in the primary prevention of myocardial infarction in hypertensive patients. Am J Cardiol 94: 479-481, 2004.
48. Hennessy S, Bilker WB, Knauss JS, Kimmel SE, Margolis DJ, Morrison MF, Reynolds RF, Glasser DB, Strom BL: Comparative Cardiac Safety of Low-Dose Thioridazine and Low-Dose Haloperidol. Br J Clin Pharmacol 58: 81-87, 2004.
49. Joffe MM, Ten Have TR, Feldman HI, Kimmel SE: Model Selection, Confounder Control, and Marginal Structural Models. The American Statistician 58: 272-279, 2004.
50. Kimmel SE, Berlin JA, Reilly M, Jaskowiak J, Kishel L, Chittams J, Strom BL: The Effects of Nonselective Non-aspirin Nonsteroidal Anti-inflammatory Medication on Risk of Nonfatal Myocardial Infarction and Their Interaction with Aspirin. JACC 43: 985-990, 2004.
51. Kizer JR, Zisman DA, Blumenthal NP, Kotloff RM, Kimmel SE, Strieter RM, Arcasoy SM, Ferrari VA, Hansen-Flaschen J: Association Between Pulmonary Fibrosis and Coronary Artery Disease. Arch Intern Med 164: 551-556, 2004.
52. Reilly MP, Iqbal N, Schutta M, Wolfe ML, Scally M, Localio AR, Rader DJ, Kimmel SE: Plasma Leptin Levels Are Associated with Coronary Atherosclerosis in Type 2 Diabetes. The Journal of Clinical Endocrinology & Metabolism 89: 3872-3878, 2004.
53. Sauer WH, Baer JT, Berlin JA, Kimmel SE: Class effect of angiotensin-converting enzyme inhibitors on prevention of myocardial infarction. Am J Cardiol 94: 1171-1173, 2004.
54. Berkwits M, Localio AR, Kimmel SE: The effect of serum cardiac troponin testing on clinical care in a Veterans population: a randomized controlled trial. Journal of

General Internal Medicine 20: 584-592, 2005.

55. Christie JD, Kotloff RM, Ahya VN, Tino G, Pocchetino A, Gaughan C, DeMissie E, Kimmel SE: The effect of primary graft dysfunction on survival following lung transplantation. Am J Respir Crit Care Med 171: 1312-1316, 2005.
56. Christie JD, Sager J, Kimmel SE, Ahya V, Gaughan C, Blumenthal N, Kotloff RM: Impact of primary graft failure on outcomes following lung transplantation. Chest 127: 161-165, 2005.
57. Gurmankin AD, Helweg-Larsen M, Armstrong K, Kimmel SE, Volpp KM: Comparing the standard rating scale and the magnifier scale for assessing risk perceptions. Medical Decision Making 25: 560-570, 2005.
58. Ilkhanoff L, Lewis JD, Hennessy S, Berlin JA, Kimmel SE: Potential limitations of electronic database studies of prescription non-aspirin non-steroidal anti-inflammatory drugs (NANSAIDs) and risk of myocardial infarction (MI). Pharmacoepidemiology and Drug Safety 14: 513-522, 2005.
59. Kawut SM, Taichman DB, Ahya VN, Kaplan S, Archer-Chicko CL, Kimmel SE, Palevsky HI: Hemodynamics and survival of patients with portopulmonary hypertension. Liver Transplantation 11: 1107-1111, 2005.
60. Kimmel SE, Berlin JA, Reilly M, Jaskowiak J, Kishel L, Chittams J, Strom BL: Patients exposed to Rofecoxib and Celecoxib have different odds of nonfatal myocardial infarction. Ann Intern Med 142: 157-164, 2005.
61. Koppel R, Metlay JP, Cohen A, Abaluck B, Localio AR, Kimmel SE, Strom BL: Role of Computerized Physician Order Entry Systems in Facilitating Medication Errors. JAMA 293: 1197-1203, 2005.
62. Lewis JD, Kimmel SE, Localio AR, Metz DC, Farrar JT, Nessel L, Brensinger C, McGibney K, Strom BL: The risk of serious upper gastrointestinal toxicity with over-the counter non-aspirin Nonsteroidal Anti-inflammatory Drugs. Gastroenterology 129: 1865-1874, 2005.
63. Lewis JD, Strom BL, Kimmel SE, Farrar J, Metz DC, Brensinger C, Nessel L, Localio AR: Predictors of recall of over-the-counter and prescription non-steroidal anti-inflammatory drug exposure. Pharmacoepidemiol Drug Safety 15: 39-45, 2005.
64. Metlay JP, Cohen A, Polsky D, Kimmel SE, Koppel R, Hennessy S: Medication safety among older adults: home based practice patterns. J Am Geriatr Soc 53: 976-982, 2005.
65. Dixit S, Gerstenfeld E, Callans D, Cooper J, Lin D, Russon A, Verdino R, Patel V,

Kimmel S, Ratcliff S, Hsia H, Nayak H, Zado E, Ren JF, Marchlinski F: Comparison of Cool Tip Versus 8-mm Tip Catheter in Achieving Electrical Isolation of Pulmonary Veins for Long-Term Control of Atrial Fibrillation: A Prospective Randomized Pilot Study. Journal of Cardiovascular Electrophysiology 17: 1074-1079, 2006.

66. Glaser R, Glick HA, Herrmann HC, Kimmel SE: The role of risk stratification in the decision to provide upstream versus selective Glycoprotein IIb/IIIa inhibitors for acute coronary syndromes: A cost-effectiveness analysis. J Am Coll Cardiol 47: 529-537, 2006.
67. Hennessy S, Leonard CE, Yang W, Kimmel SE, Townsend RR, Wasserstein AG, Ten Have TR, Bilker WB: Effectiveness of a Two-Part Educational Intervention to Improve Hypertension Control: A Cluster-Randomized Trial. Pharmacotherapy 26(9): 1342-1347, 2006.
68. Herrmann HC, Levine LA, Macaluso J, Walsh M, Bradbury D, Schwartz S, Mohler ER, Kimmel SE: Can Atorvastatin improve the response to Sildenafil in men with erectile dysfunction not initially responsive to Sildenafil? Hypothesis and pilot trial results. J Sex Med 3: 303-308, 2006.
69. Robbins IM, Kawut SM, Yung D, Reilly MP, Lloyd W, Cunningham G, Loscalzo J, Kimmel SE, Christman BW, Barst RJ: A study of aspirin and clopidogrel in idiopathic pulmonary arterial hypertension. Eur Respir J 27: 578-584, 2006.
70. Sauer WH, Cappola AR, Berlin JA, Kimmel SE: Insulin sensitizing pharmacotherapy for prevention of myocardial infarction in patients with diabetes mellitus. Am J Cardiol 97: 651-654, 2006.
71. Bagheri R, Schutta M, Cumaranatunge RG, Wolfe ML, Terembula K, Hoffman B, Schwartz S, Kimmel SE, Farouk S, Iqbal N, Reilly MP: Value of Electrocardiographic and Ankle-Brachial Index Abnormalities for prediction of Coronary Atherosclerosis in Asymptomatic Subjects with Type 2 Diabetes Mellitus. Am J Cardiol 99: 951-955, 2007.
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