

Selected Publications from Outcome-Powered Studies

PATIENT REGISTRIES

Dreyer NA, Velentgas P. Registries. In *Pharmacoepidemiology*, Strom B, Kimmel S, Hennessy S, Eds. Fifth edition, John Wiley & Sons, in press.

Gliklich RE, Dreyer NA (eds). Registries for Evaluating Patient Outcomes: A User's Guide. (Prepared by Outcome DEcIDE Center [Outcome Sciences, Inc. dba Outcome] under Contract No. HHS290200500351 TO1.) AHRQ Publication No. 07-EHC001-1. Rockville, MD: **Agency for Healthcare Research and Quality**. April, 2007. Second edition, September 2010.

Dreyer NA, Garner S. Patient registries, predictive models and optimal care (letter). *JAMA*. 2009; 302(24):2662.

Dreyer NA, Garner S. Registries for robust evidence. *JAMA*. 2009; 302(7):790-791.

Zhao S, Dreyer NA, Cole A, Stemhagen A, Feltelius N, Haas J. Can registries deliver? The methods and use of registries for biologics. *Pharmacoepidemiology & Drug Safety*. 2009; 18:S27.

Dreyer NA, Sheth N, Trontell A, Gliklich RE. Good practices for handling adverse events detected through patient registries. *DIA Journal*. 2008; 5(42):421-428.

Takemoto SK, Dreyer NA, Faria C, Wang F. Recommendations for the use of patient registry data as a complement to randomized clinical trials. ISPOR. Toronto, Canada, May, 2008.

Dreyer NA, Bertagna M, and Gliklich RE. Designing and assessing registries to evaluate the safety of medical products. *The Monitor*. Association of Clinical Trial Professionals. 2007; 21(4):47-50.

GOOD PRACTICE FOR OBSERVATIONAL STUDIES OF CLINICAL EFFECTIVENESS

Dreyer NA. Making observational studies count: shaping the future of comparative effectiveness research [Commentary]. *Epidemiology*, in press.

Dreyer NA, Tunis S, Berger M, Ollendorf D, Mattox P, Gliklich RE. Why observational studies should be among the tools used in comparative effectiveness research. *Health Affairs*. 2010, 29(10):1818-1825.

Dreyer NA, Schneeweiss S, McNeil BJ, Berger ML, Walker AM, Ollendorf DA, Gliklich RE; GRACE Initiative. GRACE principles: recognizing high-quality observational studies of comparative effectiveness. *Am J Manag Care*. 2010; 16(6):467-471.

Dreyer, N. Generating evidence for decision making. *Am J Epidemiol*. 2010; 171(Suppl):S158-S165).

Dreyer NA, Rubino A, L'Italien GJ, Schneeweiss S. Developing good practice guidance for non-randomized studies of comparative effectiveness: a workshop on quality and transparency. *Pharmacoepidemiology & Drug Safety*. 2009; 18:S123.

Dreyer NA, Berger M, Sullivan S, LeLorier J. Are good practices principles for observational comparative effectiveness studies needed? ISPOR. Toronto, Canada, May, 2008.

RISK MANAGEMENT

Gliklich RE, Bertagna Leavy M. Changes in FDA's Approach to Risk. *Applied Clinical Trials*. 2008; 17(10):44-50.

Dreyer NA, Blackburn S, Karwoski C, Stephenson W, Sprafka M. How will FDAAA change our approach to REMS? ISPOR. Mid-Year Meeting Symposium, Boston, MA, May, 2008.

DISEASES

Allergy/Immunology/Infectious/Inflammatory Disease

Zaman M, Toovey S, Dreyer NA. An extended review of human infection with influenza H5N1 virus in North West Frontier Province (NWFP), Pakistan, in 2007. *Emerging Infectious Diseases*, in press.

Adisasmito W, Chan PKS, Lee N, Oner AF, Gasimov V, Aghayev F, Zaman M, Bamgboye E, Dogan N, Coker R, Starzyk K, Dreyer NA and Toovey S: Effectiveness of antiviral treatment in human influenza H5N1 infections: analysis from a global patient registry. *J Infect Dis*. 2010; 202(8):1154-1160.

Oner AF, Bamgboye E, Gasimov V, Zaman M, Chan PKS, Lee N, Dogan N, Adisasmito W, Toovey S, Dreyer NA. Avian influenza infections in children: symptoms & treatment. European Society for Paediatric Infectious Diseases. Nice, France, May, 2010.

Bhatt P, Block SL, Toback SL, Ambrose CS. A prospective observational study of US in-office pediatric influenza vaccination during the 2007-2009 influenza seasons: use and factors associated with increased vaccination rates. *Clin Pediatr (Phila)*. Epub, June 3, 2010.

Zaman M, Chan PKS, Lee N, Oner AF, Gasimov V, Bamgboye E, Dogan N, Toovey S, Dreyer NA. The avian flu registry: How we got it, and what it tells us. Chestcon 2010,

9th Biennial International Conference, Pakistan Chest Society. Bhurbon, Murree Pakistan, March, 2010.

Adisasmito W, Chan PKS, Lee N, Oner AF, Gasimov V, Zaman M, Bamgboye E, Dogan N, Coker R, Toovey S, Dreyer NA. Improving the odds of surviving H5N1. International Symposium on Respiratory Viral Infections. Taipei, Taiwan, March, 2010.

Adisasmito W, Latief K, Seitzman R, Layton A, Toovey S, Dreyer N. Avian influenza in Indonesia: a descriptive analysis – Indonesia 2005-2009. 5th TEPHINET Southeast Asia and Western Pacific Bi-Regional Scientific Conference. Seoul, Korea, November, 2009.

Avian Influenza Expert Group (Adisasmito W, Zaman M, Chan P, Lee N, Gasimov V, Aghayev FF, Oner A, Bamgboye E, Dogan N, Toovey S, Dreyer N). First results from an avian influenza registry. American Society for Microbiology 47th Interscience Conference on Antimicrobial Agents and Chemotherapy. San Francisco, CA, September, 2009.

Adisasmito W, Zaman M, Chan P, Lee N, Gasimov V, Aghayev FF, Oner A, Bamgboye E, Dogan N, Starzyk K, Layton A, Coker R, Toovey S, Dreyer N. Human avian influenza: development of a shoe-leather approach to evaluating treatment effectiveness. International Society of Pharmacoepidemiology. Providence, RI, August, 2009.

Dreyer NA, Starzyk K, Wilcock K, Toovey S. A global registry for understanding clinical presentation, treatment outcomes, and survival from human avian influenza. Bangkok International Conference on Avian Influenza. Bangkok, Thailand, January, 2008. Bangkok: National Center for Genetic Engineering and Biotechnology. 2008; 155.

Bhatt P, Perez-Tselikis J, Ambrose CS, Hamilton H, Oleka N. Real-time assessment of 2007-2008 influenza vaccine coverage among pediatric practices. Pediatric Academic Societies Annual Meeting. Poster. May 2-6, 2008.

Corey JA, Kemker B, Branca, Kuo F, Chang Y, Gliklich RE. Health status in allergic rhinitis. *Otolaryngol Head Neck Surg.* 2000; 122:681-685.

Kemker B, Corey J, Branca J, Gliklich RE. Development of the allergy outcome survey for allergic rhinitis. *Otolaryngol Head Neck Surg.* 1999; 121:603-605.

Coronary Artery Disease and Acute Coronary Syndromes

Setoguchi S, Shrank WH, Liu J, Lee JC, Saya U, Winkelmayr WC, Dreyer NA. Challenges in comparing effectiveness of angiotensin receptor blockers vs. angiotensin-converting enzyme inhibitors for hypertension in Medicare data. *Clin Pharm & Ther*, in press.

Matchar D, Garcia D, Samsa G, Sander S, VanderMaelen CP, Su Z, Ezekowitz M. The registry to evaluate anticoagulation in atrial fibrillation (REAL-AF) [abstract]. AHA Scientific Sessions, Chicago, IL, Nov. 2010.

Matchar, DB, Ezekowitz M, Garcia DA, Samsa GP, Sander S, Zhaohui S, VaderMaelen C. Interim Results of the Registry to Evaluate Anticoagulation in Atrial Fibrillation

(REAL-AF). [abstract]. American Heart Association Quality of Care and Outcomes Research in Cardiovascular Disease, May 19-21, 2010.

Fonarow GC, Wright RS, Spencer FA, Fredrick PD, Dong W, Every N, French WJ; National Registry of Myocardial Infarction 4 Investigators. Effect of statin use within the first 24 hours of admission for acute myocardial infarction on early morbidity and mortality. *Am J Cardiol.* 2005; 96(5):611-616.

Meine TJ, Roe MT, Chen AY, Patel MR, Washam JB, Ohman EM, Peacock WF, Pollack CV Jr, Gibler WB, Peterson ED; CRUSADE Investigators. Association of intravenous morphine use and outcomes in acute coronary syndromes: results from the CRUSADE Quality Improvement Initiative. *Am Heart J.* 2005; 149(6):1043-1049.

Wang TY, Fonarow GC, Hernandez AF, Liang L, Ellrodt G, Nallamothu BK, Shah BR, Cannon CP, Peterson ED. The dissociation between door-to-balloon time improvement and improvements in other acute myocardial infarction care processes and patient outcomes. *Arch Intern Med.* 2009; 169(15):1411-1419.

Steinberg BA, Cannon CP, Hernandez AF, Pan W, Peterson ED, Fonarow GC. Medical therapies and invasive treatments for coronary artery disease in overweight patients: understanding the “obesity paradox” in the Get With The Guidelines database. *Am J Cardiol.* 2007; 100:1331-1335.

LaBresh KA, Fonarow GC, Smith SC, Bonow RO, Smaha LC, Tyler PA, Hong Y, Albright D, Ellrodt AG. Improved treatment of hospitalized coronary artery disease patients with the Get With The Guidelines program. *Crit Path Cardiol.* 2007; 6(3):98-105.

Hiratzka L, Eagle KA, Liang L, Fonarow GC, LaBresh KA, Peterson ED. Atherosclerosis secondary prevention performance measures after coronary bypass graft surgery compared with percutaneous catheter intervention and non-intervention patients in the Get With the Guidelines database. *Circ Surg Suppl.* 2007; 116(11 Suppl):I207-12.

Ellrodt AG, Glasener R, Kradel K, Bercury C, Ferrarin A, Jewell D, Frechette C, Seckler P, Reed J. Multidisciplinary Rounds (MDR): an implementation system for sustained improvement in the American Heart Association's Get With The Guidelines program. *Crit Path Cardiol.* 2007; 6(3):106-116.

Van Den Bos JV, Dreyer NA. Hospital-based outcomes associated with non-traumatic subarachnoid hemorrhage. ISPOR. Arlington, VA, May, 2007.

Krantz MJ, Baker WA, Estacio RO, Haynes DK, Mehler PS, Fonarow GC, Long CS. Comprehensive coronary artery disease care in a safety-net hospital: results of Get With The Guidelines quality improvement initiative. *J Manag Care Pharm.* 2007; 13:319-24.

Flynn FM, Cafarelli M, Petrakos K, Christophersen P. Improving outcomes for acute coronary syndrome patients in the hospital setting: successful implementation of the

American Heart Association “Get With The Guidelines” program by phase I cardiac rehabilitation nurses. *J of Cardiovasc Nursing*. 2007; 22(3):166-176.

Peterson ED, Roe MT, Mulgund J, DeLong ER, Lytle BL, Brindis RG, Smith SC Jr, Pollack CV Jr, Newby LK, Harrington RA, Gibler WB, Ohman EM. Association between hospital process performance and outcomes among patients with acute coronary syndromes. *JAMA*. 2006; 295(16):1912-20.

Alexander KP, Chen AY, Roe MT, Newby LK, Gibson CM, Allen-LaPointe NM, Pollack C, Gibler WB, Ohman EM, Peterson ED; CRUSADE Investigators. Excess dosing of antiplatelet and antithrombin agents in the treatment of non-ST-segment elevation acute coronary syndromes. *JAMA*. 2005; 294(24):3108-3116. Erratum in: *JAMA*. 2006; 295(6):628.

Tricoci P, Roe MT, Mulgund J, Newby LK, Smith SC Jr, Pollack CV Jr, Fintel DJ, Cannon CP, Bhatt DL, Gibler WB, Ohman EM, Peterson ED, Harrington RA. Clopidogrel to treat patients with non-ST-segment elevation acute coronary syndromes after hospital discharge. *Arch Intern Med*. 2006; 166(7):806-11.

Bradley EH, Curry LA, Webster TR, Mattera JA, Roumanis SA, Radford MJ, McNamara RL, Barton BA, Berg DN, Krumholz HM. Achieving rapid door-to-balloon times: how top hospitals improve complex clinical systems. *Circulation*. 2006; 113(8):1079-85.

Alexander KP, Chen AY, Roe MT, Newby LK, Gibson CM, Allen-LaPointe NM, Pollack C, Gibler WB, Ohman EM, Peterson ED; CRUSADE Investigators. Excess dosing of antiplatelet and antithrombin agents in the treatment of non-ST-segment elevation acute coronary syndromes. *JAMA*. 2005; 294(24):3108-16. Erratum in: *JAMA*. 2006; 295(6):628.

Brogan GX Jr, Peterson ED, Mulgund J, Bhatt DL, Ohman EM, Gibler WB, Pollack CV Jr, Farkouh ME, Roe MT. Treatment disparities in the care of patients with and without diabetes presenting with non-ST-segment elevation acute coronary syndromes. *Diabetes Care*. 2006; 29(1):9-14.

Nallamothu BK, Wang Y, Magid DJ, McNamara RL, Herrin J, Bradley EH, Bates ER, Pollack CV Jr, Krumholz HM; National Registry of Myocardial Infarction Investigators. Relation between hospital specialization with primary percutaneous coronary intervention and clinical outcomes in ST-segment elevation myocardial infarction: National Registry of Myocardial Infarction-4 analysis. *Circulation*. 2006; 113(2):222-229.

Hong Y, Labresh KA. Overview of the American Heart Association “Get With The Guidelines” Programs. Coronary heart disease, stroke, and heart failure. *Crit Path Cardiol*. 2006; 5:179-186.

McNamara RL, Herrin J, Bradley EH, Portnay EL, Curtis JP, Wang Y, Magid DJ, Blaney M, Krumholz HM; NRMI Investigators. Hospital improvement in time to reperfusion in patients with acute myocardial infarction, 1999 to 2002. *JACC*. 2006; 47(1):45-51.

Ryan JW, Peterson ED, Chen AY, Roe MT, Ohman EM, Cannon CP, Berger PB, Saucedo JF, DeLong ER, Normand SL, Pollack CV Jr, Cohen DJ; CRUSADE Investigators. Optimal timing of intervention in non-ST-segment elevation acute coronary syndromes: insights from the CRUSADE (Can Rapid risk stratification of Unstable angina patients Suppress ADverse outcomes with Early implementation of the ACC/AHA guidelines) Registry. *Circulation*. 2005; 112(20):3049-3057.

Volpp KG, Konetzka RT, Zhu J, Parsons L, Peterson E, National Registry of Myocardial Infarction Investigators. Effect of cuts in Medicare reimbursement on process and outcome of care for acute myocardial infarction patients. *Circulation*. 2005; 112(15):2268-2275.

Bradley EH, Roumanis SA, Radford MJ, Webster TR, McNamara RL, Mattera JA, Barton BA, Berg DN, Portnay EL, Moscovitz H, Parkosewich J, Holmboe ES, Blaney M, Krumholz HM. Achieving door-to-balloon times that meet quality guidelines: how do successful hospitals do it? *JACC*. 2005; 46(7):1236-1241.

Spencer FA, Frederick PD, Goldberg RJ, Gore JM, Tiefenbrunn AJ; National Registry of Myocardial Infarction-4 Investigators. Use of combination evidence-based medical therapy prior to acute myocardial infarction (from the National Registry of Myocardial Infarction-4). *Am J Cardiol*. 2005; 96(7):922-926.

Alexander KP, Roe MT, Chen AY, Lytle BL, Pollack CV Jr, Foody JM, Boden WE, Smith SC Jr, Gibler WB, Ohman EM, Peterson ED; CRUSADE Investigators. Evolution in cardiovascular care for elderly patients with non-ST-segment elevation acute coronary syndromes: results from the CRUSADE National Quality Improvement Initiative. *JACC*. 2005; 46(8):1479-1487.

Kandzari DE, Roe MT, Ohman EM, Milford-Beland S, Chen AY, Lytle BL, Cohen DJ, Smith SC, Harrington RA, Gibler WB, Peterson ED. Frequency, predictors, and outcomes of drug-eluting stent utilization in patients with high-risk non-ST-segment elevation acute coronary syndromes. *Am J Cardiol*. 2005; 96(6):750-755.

Roe MT, Peterson ED, Li Y, Pollack CV Jr, Christenson RH, Peacock WF, Fesmire FM, Newby LK, Jesse RL, Hoekstra JW, Gibler WB, Ohman EM. Relationship between risk stratification by cardiac troponin level and adherence to guidelines for non-ST-segment elevation acute coronary syndromes. *Arch Intern Med*. 2005; 165(16):1870-1876.

Fonarow GC, Wright RS, Spencer FA, Fredrick PD, Dong W, Every N, French WJ; National Registry of Myocardial Infarction 4 Investigators. Effect of statin use within the first 24 hours of admission for acute myocardial infarction on early morbidity and mortality. *Am J Cardiol*. 2005; 96(5):611-616.

Vaccarino V, Rathore SS, Wenger NK, Frederick PD, Abramson JL, Barron HV, Manhapra A, Mallik S, Krumholz HM; National Registry of Myocardial Infarction Investigators. Sex and racial differences in the management of acute myocardial infarction, 1994 through 2002. *N Engl J Med*. 2005; 353(7):671-682.

Babaev A, Frederick PD, Pasta DJ, Every N, Sichrovsky T, Hochman JS; NRMI Investigators. Trends in management and outcomes of patients with acute myocardial infarction complicated by cardiogenic shock. *JAMA*. 2005; 294(4):448-454.

Roe MT, Parsons LS, Pollack CV Jr, Canto JG, Barron HV, Every NR, Rogers WJ, Peterson ED; National Registry of Myocardial Infarction Investigators. Quality of care by classification of myocardial infarction: treatment patterns for ST-segment elevation vs. non-ST-segment elevation myocardial infarction. *Arch Intern Med*. 2005; 165(14):1630-1636.

Meine TJ, Roe MT, Chen AY, Patel MR, Washam JB, Ohman EM, Peacock WF, Pollack CV Jr, Gibler WB, Peterson ED; CRUSADE Investigators. Association of intravenous morphine use and outcomes in acute coronary syndromes: results from the CRUSADE Quality Improvement Initiative. *Am Heart J*. 2005; 149(6):1043-1049.

Pitta SR, Grzybowski M, Welch RD, Frederick PD, Wahl R, Zalenski RJ. ST-segment depression on the initial electrocardiogram in acute myocardial infarction-prognostic significance and its effect on short-term mortality: A report from the National Registry of Myocardial Infarction (NRMI-2, 3, 4). *Am J Cardiol*. 2005; 95(7):843-848.

Roe MT, Peterson ED, Pollack CV Jr, Newby LK, Li Y, Christenson RH, Peacock WF, Fesmire FM, Diercks D, Kirk JD, Smith SC Jr, Ohman EM, Gibler WB; CRUSADE Investigators. Influence of timing of troponin elevation on clinical outcomes and use of evidence-based therapies for patients with non-ST-segment elevation acute coronary syndromes. *Ann Emerg Med*. 2005; 45(4):355-362.

Bansal D, Gaddam V, Aude YW, Bissett J, Fahdi I, Garza L, Joseph J, Molavi B, Pai BV, Sinha A, Smith ES 3rd, Mehta JL. Trends in the care of patients with acute myocardial infarction at a university-affiliated Veterans Affairs Medical Center. *J Cardiovasc Pharmacol Ther*. 2005; 10(1):39-44.

Bradley EH, Herrin J, Mattera JA, Holmboe ES, Wang Y, Frederick P, Roumanis SA, Radford MJ, Krumholz HM. Quality improvement efforts and hospital performance: rates of beta-blocker prescription after acute myocardial infarction. *Med Care*. 2005; 43(3):282-292.

Blomkalns AL, Chen AY, Hochman JS, Peterson ED, Trynosky K, Diercks DB, Brogan GX Jr, Boden WE, Roe MT, Ohman EM, Gibler WB, Newby LK; CRUSADE Investigators. Gender disparities in the diagnosis and treatment of non-ST-segment elevation acute coronary syndromes: large-scale observations from the CRUSADE (Can Rapid Risk Stratification of Unstable Angina Patients Suppress Adverse Outcomes With Early Implementation of the American College of Cardiology/American Heart Association Guidelines) National Quality Improvement Initiative. *JACC*. 2005; 45(6):832-837.

Sonel AF, Good CB, Mulgund J, Roe MT, Gibler WB, Smith SC Jr, Cohen MG, Pollack CV Jr, Ohman EM, Peterson ED; CRUSADE Investigators. Racial variations in treatment and outcomes of black and white patients with high-risk non-ST-elevation acute coronary syndromes: insights from CRUSADE (Can Rapid Risk Stratification of Unstable Angina

Patients Suppress Adverse Outcomes With Early Implementation of the ACC/AHA Guidelines?). *Circulation*. 2005; 111(10):1225-1232.

Foody JM, Roe MT, Chen AY, Smith SC Jr, Brindis RG, Peterson ED, Gibler WB, Ohman EM; CRUSADE Investigators. Lipid management in patients with unstable angina pectoris and non-ST-segment elevation acute myocardial infarction (from CRUSADE). *Am J Cardiol*. 2005; 95(4):483-485.

Nallamothu BK, Bates ER, Herrin J, Wang Y, Bradley EH, Krumholz HM; NRMI Investigators. Times to treatment in transfer patients undergoing primary percutaneous coronary intervention in the United States: National Registry of Myocardial Infarction (NRMI)-3/4 analysis. *Circulation*. 2005; 111(6):761-767.

LaBresh KA. Using "Get with the Guidelines" to prevent recurrent cardiovascular disease. *Curr Treat Options Cardiovasc Med*. 2005; 7:287-292.

Atwater BD, Roe MT, Mahaffey KW. Platelet glycoprotein IIb/IIIa receptor antagonists in non-ST segment elevation acute coronary syndromes: a review and guide to patient selection. *Drugs*. 2005; 65(3):313-324.

Grzybowski M, Welch RD, Parsons L, Ndumele CE, Chen E, Zalenski R, Barron HV. The association between white blood cell count and acute myocardial infarction in-hospital mortality: findings from the National Registry of Myocardial Infarction. *Acad Emerg Med*. 2004; 11(10):1049-1060.

Bhatt DL, Roe MT, Peterson ED, Li Y, Chen AY, Harrington RA, Greenbaum AB, Berger PB, Cannon CP, Cohen DJ, Gibson CM, Saucedo JF, Kleiman NS, Hochman JS, Boden WE, Brindis RG, Peacock WF, Smith SC Jr, Pollack CV Jr, Gibler WB, Ohman EM; CRUSADE Investigators. Utilization of early invasive management strategies for high-risk patients with non-ST-segment elevation acute coronary syndromes: results from the CRUSADE Quality Improvement Initiative. *JAMA*. 2004; 292(17):2096-2104.

Ohman EM, Roe MT, Smith SC Jr, Brindis RG, Christenson RH, Harrington RA, Gibler WB, Peterson ED; CRUSADE Investigators. Care of non-ST-segment elevation patients: insights from the CRUSADE national quality improvement initiative. *Am Heart J*. 2004; 148(5 Suppl):S34-39.

Gibson, CM. NRMI and current treatment patterns for ST-elevation myocardial infarction. *Am Heart J*. 2004; 148(5 Suppl):S29-33.

Roe MT. Success stories: how hospitals are improving care. *Am Heart J*. 2004; 148(5 Suppl):S52-55.

Smaha LA, American Heart Association. The American Heart Association Get With The Guidelines Program. *Am Heart J*. 2004; 148(5 Suppl):S46-48.

Spencer FA, Fonarow GC, Frederick PD, Wright RS, Every N, Goldberg RJ, Gore JM, Dong W, Becker RC, French W; National Registry of Myocardial Infarction. Early withdrawal of statin therapy in patients with non-ST-segment elevation myocardial

infarction: national registry of myocardial infarction. *Arch Intern Med.* 2004; 164(19):2162-2168.

Bradley EH, Herrin J, Wang Y, McNamara RL, Webster TR, Magid DJ, Blaney M, Peterson ED, Canto JG, Pollack CV Jr, Krumholz HM. Racial and ethnic differences in time to acute reperfusion therapy for patients hospitalized with myocardial infarction. Comment in: *JAMA.* 2004; 292(13):1612-1614.

Wiviott SD, Morrow DA, Frederick PD, Giugliano RP, Gibson CM, McCabe CH, Cannon CP, Antman EM, Braunwald E. Performance of the thrombolysis in myocardial infarction risk index in the National Registry of Myocardial Infarction-3 and -4: a simple index that predicts mortality in ST-segment elevation myocardial infarction. Comment in: *JACC.* 2004; 44(4):790-792.

Berthiaume JT, Tyler PA, Ng-Osorio J, LaBresh KA. Aligning financial incentives with "Get With The Guidelines" to improve cardiovascular care. *Am J Manag Care.* 2004; 10(7 Pt 2):501-504.

Morrow DA, Antman EM, Murphy SA, Assmann SF, Giugliano RP, Cannon CP, Michael Gibson C, McCabe CH, Barron HV, Van De Werf F, Braunwald E. The Risk Score Profile: a novel approach to characterising the risk of populations enrolled in clinical studies. *Eur Heart J.* 2004; 25(13):1139-1145.

Bradley EH, Herrin J, Mattera JA, Holmboe ES, Wang Y, Frederick P, Roumanis SA, Radford MJ, Krumholz HM. Hospital-level performance improvement: beta-blocker use after acute myocardial infarction. *Med Care.* 2004; 42(6):591-599.

Sanborn TA, Jacobs AK, Frederick PD, Every NR, French WJ; National Registry of Myocardial Infarction 3 and 4 Investigators. Comparability of quality-of-care indicators for emergency coronary angioplasty in patients with acute myocardial infarction regardless of on-site cardiac surgery (report from the National Registry of Myocardial Infarction). *Am J Cardiol.* 2004; 93(11):1335-1339.

LaBresh KA, Ellrodt AG, Gliklich R, et al. Get With The Guidelines for cardiovascular secondary prevention. Pilot results. *Arch Intern Med.* 2004; 164:203-209.

LaBresh KA. Get With The Guidelines to improve heart care. *Ital Heart J.* 2004; 5:489-93.

Grzybowski M, Clements EA, Parsons L, Welch R, Tintinalli AT, Ross MA, Zalenski RJ. Mortality benefit of immediate revascularization of acute ST-segment elevation myocardial infarction in patients with contraindications to thrombolytic therapy: a propensity analysis. *JAMA.* 2003; 290(14).

LaBresh KA, Gliklich R, Liljestrang J, Peto R, Ellrodt AG. Using "Get With The Guidelines" to improve cardiovascular secondary prevention. *J Comm J Qual Saf.* 2003; 29(10):539-550.

Denton TA, Fonarow GC, LaBresh KA, Trento A. Secondary prevention after coronary bypass: the American Heart Association "Get with the Guidelines" program. *Ann Thorac Surg*. 2003; 75:758-760.

LaBresh KA & Tyler PA. Collaborative model for hospital-based cardiovascular secondary prevention. *Quality Management in Health Care*. 2003; 12(1):20-27.

Peterson ED, Pollack CV, Roe MT, Parsons LS, Littrell KA, Canto JG, Barron HV, for the National Registry of Myocardial Infarction (NRMI) 4 Investigators. Early use of glycoprotein IIb/IIIa inhibitors in non-ST-elevation acute myocardial infarction observations from the National Registry of Myocardial Infarction 4. *JACC*. 2003; 42(1).

Wu AH, Parsons L, Every NR, Bates ER. Second National Registry of Myocardial Infarction. Hospital outcomes in patients presenting with congestive heart failure complicating acute myocardial infarction: a report from the Second National Registry of Myocardial Infarction (NRMI-2). *JACC*. 2002; 40(8):1389-1394.

Spencer FA, Meyer TE, Gore JM, Goldberg RJ. Heterogeneity in the management and outcomes of patients with acute myocardial infarction complicated by heart failure: the National Registry of Myocardial Infarction. *Circulation*. 2002; 105(22):2605-10.

Gourlay SG, Rundle AC, Barron HV. Smoking and mortality following acute myocardial infarction: results from the National Registry of Myocardial Infarction 2 (NRMI 2). *Nicotine Tob Res*. 2002; 4(1):101-7.

Fonarow GC, Ballantyne C. In-hospital initiation of lipid-lowering therapy for patients with coronary heart disease: the time is now. *Circulation*. 2001; 103:2768-2770.

Heart Failure

O'Connor CM, Albert NM, Curtis AB, Gheorghide M, Heywood JT, McBride ML, Inge PJ, Mehra MR, Reynolds D, Walsh MN, Yancy CW, Fonarow GC. Patient and practice factors associated with improvement in use of guideline-recommended therapies for outpatients with heart failure (from IMPROVE-HF Trial). *Am J Cardiol*. 2011; 107:205-258.

Walsh MN, Yancy CW, Albert NM, Curtis AB, Gheorghide M, Heywood JT, Inge PJ, McBride ML, Mehra MR, O'Connor CM, Reynolds D, Fonarow GC. Equitable improvement for women and men in the use of guideline-recommended therapies for heart failure: findings from IMPROVE-HF. *J Cardiac Fail*. 2010; 16:940-949.

Fonarow GC, Albert NM, Curtis AB, Stough WG, Gheorghide M, Heywood JT, McBride ML, Inge PJ, Mehra MR, O'Connor CM, Reynolds D, Walsh MN, Yancy CW. Improving evidence-based care for heart failure in outpatient cardiology practices: primary results of the registry to improve the use of evidence-based heart failure therapies in the outpatient setting (IMPROVE-HF). *Circulation*. 2010; 122:585-596.

Albert NM, Fonarow GC, Yancy CW, Curtis AB, Stough WG, Gheorghide, M, Heywood JT, McBride M, Mehra MR, O'Connor CM, Reynolds D, Walsh MN.

Outpatient cardiology practices with advanced practice nurses and physician assistants provide similar delivery of recommended therapies (findings from IMPROVE HF). *Am J Cardiol.* 2010; 105(12):1773-1779

Walsh MN, Yancy CW, Albert NM, Curtis AB, Stough WG, Gheorghiade M, Heywood JT, McBride ML, Mehra MR, O'Connor CM, Reynolds D, Fonarow GC. Electronic health records and quality of care for heart failure. *Am Heart J.* 2010; 159(4):635-642.

Heywood TJ, Fonarow GC, Yancy CW, Albert NM, Curtis AB, Stough WG, Gheorghiade M, McBride ML, Mehra MR, O'Connor CM, Reynolds D, Walsh MN. Influence of renal function on the use of guideline-recommended therapies for patients with heart failure. *Am J Cardiol.* 2010; 105(8):1140-1146.

Albert NM, Fonarow GC, Yancy CW, Curtis AB, Stough WG, Gheorghiade M, Heywood JT, McBride M, Mehra MR, O'Connor CM, Reynolds D, Walsh MN. Influence of dedicated heart failure clinics on delivery of recommended therapies in outpatient cardiology practices: Findings from the Registry to Improve the Use of Evidence-Based Heart Failure Therapies in the Outpatient Setting (IMPROVE HF). *Am Heart J.* 2010; 159(2):238-244.

Curtis AB, Yancy CW, Albert NM, Gattis Stough W, Gheorghiade M, Heywood JT, McBride ML, Mehra MR, O'Connor CM, Reynolds D, Walsh MN, Fonarow GC. Cardiac resynchronization therapy utilization for heart failure: Findings from IMPROVE HF. *Am Heart J.* 2009; 158(6):956-967.

Mehra, MR, Yancy CW, Albert NM, Curtis AB, Gattis Stough W, Gheorghiade M, Heywood JT, McBride ML, O'Connor CM, Reynolds D, Walsh MN, Fonarow GC. Evidence of clinical practice heterogeneity in the use of implantable cardioverter-defibrillators in heart failure and post-myocardial infarction left ventricular dysfunction: Findings from IMPROVE HF. *Heart Rhythm.* 2009; 6:1727-1734.

Yancy CW, Fonarow GC, Albert NM, Curtis AB, Stough WG, Gheorghiade M, Heywood JT, Mehra M, O'Connor CM, Reynolds D, Walsh MN. Influence of patient age and sex on delivery of guideline recommended heart failure care in the outpatient cardiology practice setting: findings from IMPROVE HF. *Am Heart J.* 2009; 157:754-762.e2.

Howlett JG. Performance feedback a common thread in the process to provide optimal heart failure care. *JACC.* 2009; 53(5):423-425.

Shah B, Hernandez AF, Liang L, Al-Khatib SM, Yancy CW, Fonarow GC, Peterson ED. Hospital variation and characteristics of implantable cardioverter-defibrillator use in patients with heart failure data From the GWTHG-HF (Get With The Guidelines-Heart Failure) registry. *JACC.* 2009; 53(5):416-422.

Fonarow GC, Yancy CW, Albert NM, Curtis AB, Stough WG, Gheorghiade M, Heywood JT, McBride ML, Mehra MR, O'Connor CM, Reynolds D, Walsh MN. Heart failure care in the outpatient cardiology practice setting: findings from IMPROVE HF. *Circulation: Heart Failure.* 2008; 1:98-106.

Fonarow GC, Stough WG, Abraham WT, Albert NM, Gheorghiade M, Greenberg BH, O'Connor CM, Sun JL, Yancy CW, Young JB. Characteristics, treatments, and outcomes of patients with preserved systolic function hospitalized for heart failure: a report from the OPTIMIZE-HF registry. *JACC*. 2007; 50(8):767-777.

Hernandez AF, Fonarow GC, Liang L, Al-Khatib SM, Curtis LH, LaBresh KA, Yancy CW, Albert NM. A gender and racial gap in internal cardioverter defibrillator use among hospitalized heart failure patients. *JAMA*. 2007; 298(13):1525-1532.

Greenberg BH, Abraham WT, Albert NM, Chiswell K, Clare R, Stough WG, Gheorghiade M, O'Connor CM, Sun JL, Yancy CW, Young JB, Fonarow GC. Influence of diabetes on characteristics and outcomes in patients hospitalized with heart failure: A report from the Organized Program to Initiate Lifesaving Treatment in Hospitalized Patients with Heart Failure (OPTIMIZE-HF). *Am Heart J*. 2007; 154(2):277.e1-7.

Fonarow GC, Abraham WT, Albert NM, Stough WG, Gheorghiade M, Greenberg BH, O'Connor CM, Pieper K, Sun JL, Yancy CW, Young JB. Influence of a performance-improvement initiative on quality of care for patients hospitalized with heart failure: results of the organized program to initiate lifesaving treatment in hospitalized patients with heart failure (OPTIMIZE-HF). *Arch Intern Med*. 2007; 167(14):1493-1502.

Fonarow GC, et al. Performance measures and outcomes for patients hospitalized with heart failure. *JAMA*. 2007; 297(14):1547-1549.

Fonarow GC, Yancy CW, Albert NM, Curtis AB, Stough WG, Gheorghiade M, Heywood T, Mehra M, O'Connor CM, Reynolds D, Walsh MN. Improving the use of evidence-based heart failure therapies in the outpatient setting: the IMPROVE HF performance improvement registry. *Am Heart J*. 2007; 0(0):1-27.

Fonarow GC, Abraham WT, Albert NM, Stough WG, Gheorghiade M, Greenberg BH, O'Connor CM, Pieper K, Sun JL, Yancy C, Young JB. Association between performance measures and clinical outcomes for patients hospitalized with heart failure. *JAMA*. 2007; 297(1):61-70.

Albert NM, Fonarow GC, Abraham WT, Chiswell K, Stough WG, Gheorghiade M, Greenberg GH, O'Connor CM, SUN JL, Yancy CW, Young JB. Predictors of delivery of hospital-based heart failure patient education: a report from OPTIMIZE-HF. *Journal of Cardiac Failure*. 2007; 13(3):189-198.

Gheorghiade M, Abraham WT, Albert NM, Greenberg BH, O'Connor CM, She L, Stough WG, Yancy CW, Young JB, Fonarow GC. Systolic blood pressure at admission, clinical characteristics, and outcomes in patients hospitalized with acute heart failure. *JAMA*. 2006 Nov 8; 296(18):2217-2226.

Fonarow GC, Abraham WT, Albert NM, Gattis WA, Gheorghiade M, Greenberg B, O'Connor CM, Yancy CW, Young J. Organized program to initiate lifesaving treatment in hospitalized patients with heart failure (OPTIMIZE-HF): rationale and design. *Am Heart J*. 2004; 148(1):43-51.

Fonarow GC. Strategies to improve the use of evidence-based heart failure therapies: OPTIMIZE-HF. [review] *Rev Cardiovasc Med*. 2004; 5 Suppl 1:S45-54. Review.

Wu AH, Parsons L, Every NR, Bates ER; Second National Registry of Myocardial Infarction. Hospital outcomes in patients presenting with congestive heart failure complicating acute myocardial infarction: a report from the Second National Registry of Myocardial Infarction (NRMI-2). *JACC*. 2002; 40(8):1389-1394.

Spencer FA, Meyer TE, Gore JM, Goldberg RJ. Heterogeneity in the management and outcomes of patients with acute myocardial infarction complicated by heart failure: the National Registry of Myocardial Infarction. *Circulation*. 2002; 105(22):2605-2610.

Head and Neck

Williams R, Fu Q, Danis R, Dreyer N. Anti-VEGF treatment patterns among age-related macular degeneration patients in US clinics: the PRACTICE study [abstract]. Joint Meeting of the American Academy of Ophthalmology and the Middle East Africa Council of Ophthalmology. Chicago, IL, October 16-19, 2010.

Gliklich R, Wilson J. Epidemiology of bisphosphonate-related osteonecrosis of the jaws: the utility of a national registry. *J Oral Maxillofac Surg*. 2009; 67(5):71-74.

Atlas SJ, Gallagher PM, Wu YA, Singer DE, Gliklich RE, Metson RB, Fowler FJ Jr. Development and validation of a new health-related quality of life instrument for patients with sinusitis. *Qual Life Res*. 2005; 14(5):1375-86.

Atlas SJ, Metson RB, Singer DE, Wu YA, Gliklich RE. Validity of a new health-related quality of life instrument for patients with chronic sinusitis. *Laryngoscope*. 2005; 115(5):846-854.

Chen NH, Li HY, Gliklich RE, Chu CC, Liang SC, Wang PC. Validation assessment of the Chinese-version Chronic Ear Survey: a comparison between data from English and Chinese versions. *Ann Otol Rhinol Laryngol*. 2003; 112(1):85-90.

Kahn JB, Gliklich RE, Boyev KP, Stewart MG, Metson RB, McKenna MJ. Validation of a patient-graded instrument for facial nerve paralysis: the FaCE scale. *Laryngoscope*. 2001; 111(3):387-398

Nadol SB, Staechker H, Gliklich RE. Outcomes assessment for chronic otitis media: the chronic ear survey. *Laryngoscope*. 2000; 110(Suppl.94):32-35

Corey JA, Kemker B, Branca, Kuo F, Chang Y, Gliklich RE. Health status in allergic rhinitis. *Otolaryngol Head Neck Surg*. 2000; 122:681-685.

Cunningham JM, Chiu EJ, Landgraf JM, Gliklich RE. The health impact of chronic recurrent rhinosinusitis in children. *Arch Otolaryngol Head Neck Surg*. 2000; 126(11):1363-1368.

Metson RB, Gliklich RE. Clinical outcomes in patients with chronic sinusitis. *Laryngoscope*. 2000; 110(3 Pt 3):24-28.

Wang PC, Nadol JB Jr, Merchant S, Austin E, Gliklich RE. Validating an outcomes survey for adults with chronic suppurative otitis media. *Ann Otol Rhinol Laryngol*. 2000; 109(3):249-254.

Kemker B, Corey J, Branca J, Gliklich RE. Development of the allergy outcome survey for allergic rhinitis. *Otolaryngol Head Neck Surg*. 1999; 121:603-605.

Gliklich RE, Glovsky RM, Montgomery WW. Validation of the voice outcome survey for unilateral vocal cord paralysis. *Otolaryngol Head Neck Surg*. 1999; 120(2):153-158.

Gliklich RE, Metson R. Economic implications of chronic sinusitis. *Otolaryngol Head Neck Surg*. 1998; 118(3 Pt 1):344-349.

Funk OF, Karnell LH, Dawson Ci, Means ME, Coiwill ML, Gliklich RE, Alford EL, Stewart MG. Baseline and post-treatment assessment of the general health status of head and neck cancer patients compared to United States population norms. *Head Neck*. 1997; 19(8):675-683.

Oncology

Kaufman PA, Dreyer NA, Mayer M, Sloan JA, Chung CY, Sing A, Yim YM, Yu E, Mathias SD, Cleeland CS. Capturing breast cancer patients experience beyond disease progression: Implementation of a patient-reported outcome (PRO) substudy in the VIRGO metastatic breast cancer observational cohort study. 2010 ASCO Annual Meeting. June 4-8, 2010; abstract.

Funk OF, Karnell LH, Dawson Ci, Means ME, Coiwill ML, Gliklich RE, Alford EL, Stewart MG. Baseline and post-treatment assessment of the general health status of head and neck cancer patients compared to United States population norms. *Head Neck*. 1997; 19(8):675-683.

Prostate Disease

Althof SE, Rosen RC, Catania J, Pollack L, O'Leary M, Seftel AD. Short-form scale to assess ejaculatory dysfunction (EjD): development and validation of a 4-item version of the male sexual health questionnaire (MSHQ-EjD Short Form). *SSTAR*. 2006.

Roehrborn CG, Wei JT, Althof SE, Marks LS, Pasta DE, Seftel AD. Demographic and clinical parameters associated with use of medical therapy at enrollment to the BPH Registry & Patient Survey. *European Association of Urology*. 2006.

Steers W, Nuckolls J, Seftel A, Miner M, Metzger M, Roehrborn C, Wei JT. Differences between PCPS and urologists in the evaluation of men with LUTS/BPH. *American Urological Association*. 2006.

Wei JT, Nuckolls J, Miner M, Rosen RC, Roehrborn CG. Differences in medical management of LUTS/BPH between PCPs and urologists. *American Urological Association*. 2006.

Wei JT, Nuckolls J, Miner M, Rosen RC, Roehrborn CG. Medical management of lower urinary tract symptoms associated with benign prostatic hyperplasia (LUTS/BPH): Differences between urologists and primary care physicians (PCPs). *European Association of Urology*. 2006.

Rare Diseases

McMullen AH, Pasta DJ, Frederick PD, Konstan MW, Morgan WJ, Schechter MS, Wagener JS. Impact of pregnancy on women with cystic fibrosis. *Chest*. 2006; 129(3):706-711.

Marshall BC, Butler SM, Stoddard M, Moran AM, Liou TG, Morgan WJ. Epidemiology of cystic fibrosis-related diabetes. *J Pediatr*. 2005; 146(5):681-687.

Rheumatology

Tutuncu Z, Reed G, Kremer J, Kavanaugh A. Do patients with older onset rheumatoid arthritis receive less aggressive treatment than younger patients. *Ann Rheum Dis*. 2006; 65(9):1226-1229.

Kremer JM. The CORRONA database. *Autoimmun Rev*. 2006; 5(1):46-54.

Kremer J. The CORRONA database [review]. *Ann Rheum Dis*. 2005; 64 Suppl 4:iv37-41.

Kremer JM. The CORRONA database. *Clin Exp Rheumatol*. 2005; 23(5 Suppl 39):S172-7.

Greenberg JD, Bingham CO 3rd, Abramson SB, Reed G, Sebaldt RJ, Kremer J. Effect of cardiovascular comorbidities and concomitant aspirin use on selection of cyclooxygenase inhibitor among rheumatologists. *Arthritis Rheum*. 2005; 53(1):12-17.

Sebaldt RJ, Kremer JM. CANDOO and CANOAR, CORRONA and more: advancing therapeutics through layered-in clinical data collection and feedback at the point of care [editorial]. *J Rheumatol*. 2003; 30(11):2308-11.

Sleep Disorders

Hsu SY, Tu YW, Shih TS, Chen NH, Wang PC, Lin Y, Chen CW, Chen CJ, Lin JD, Li HY, Gliklich RE. Impacts of shift-work on sleep quality in a Taiwanese factory. *Fu-Jen Journal of Medicine*. 2007; 5(4).

Chen NH, Shih TS, Pa-ChunWang, Chang-Wei Chen YL, Chen CJ, Lin JD, Li HY, Gliklich RE. Sleep quality and the prevalence of related breathing problems in Taiwanese factory workers. *Fu-Jen Journal of Medicine*. 2007; 5(2).

Wang PC, Li HY, Shih TS, Gliklich RE, Chen NH, Liao YF. Generic and specific quality-of-life measures in Taiwanese adults with sleep-disordered breathing. *Otolaryngol Head Neck Surg*. 2006; 135(3):421-426.

Gliklich RE, Wang PC. Validation of the Snore Outcomes Survey for Patients with Sleep-Disordered Breathing. *Arch Otolaryngol Head Neck Surg.* 2002; 128(7):819-824.

Chen NH, Li HY, Gliklich RE, Chu CC, Liang SC, Wang PC. Validation assessment of the Chinese version of the Snore Outcomes Survey. *Qual Life Res.* 2002; 11(6):601-607.

Gliklich RE, Taghizadeh F, Winkelman, J. Health status in patients with disturbed sleep and obstructive sleep apnea. *Otolaryngol Head Neck Surg.* 2000; 122:542-546.

Pradhan PS, Gliklich RE, Winkelman J. Screening for obstructive sleep apnea in patients presenting for snoring surgery. *Laryngoscope.* 1996; 106(11):1393-1397.

Stroke and other CNS

Smith EE, Shobha N, Dai D, Olson DM, Reeves MJ, Saver JL, Hernandez AF, Peterson ED, Fonarow GC, Schwamm LH. Risk score for in-hospital ischemic stroke mortality derived and validated within the Get With The Guidelines – Stroke program. *Circulation*, published online, September 27, 2010.

Schwamm, LH, Reeves MJ, Pan W, Smith EE, Frankel MR, Olson D, Zhao X, Peterson E, Fonarow GC. Race/ethnicity, quality of care, and outcomes in ischemic stroke. *Circulation*, published online, March 22, 2010.

Reeves MJ, Fonarow GC, Zhao X, Smith EE, Schwamm LH. Quality of care in women with ischemic stroke in the GWTG program. *Stroke.* 2009; 40(4):1127-1133.

Schwamm LH, Fonarow GC, Reeves MJ, Pan W, Frankel MR, Smith EE, Ellrodt G, Cannon CP, Liang L, Peterson E, LaBresh KA. Get With the Guidelines – Stroke is associated with sustained improvement in care for patients hospitalized with acute stroke or transient ischemic attack. *Circulation.* 2009; 119(1):107-115.

Elijovitch L, Dreyer NA, Van Den Bos J, Johnston SC. Under-treatment and outcomes of non-traumatic subarachnoid hemorrhage by hospital volume: a multi-state study. American Heart Association, New Orleans, LA, January, 2008.

LaBresh KA, Reeves MJ, Frankel MR, Albright D, Schwamm LH. Hospital treatment of patients with ischemic stroke or transient ischemic attack with Get With The Guidelines. *Arch Intern Med.* 2008; 168(4):411-417.

Smith EE, Abdullah AR, Amirfarzan H, Schwamm LH. Serum lipid profile on admission for ischemic stroke: failure to meet National Cholesterol Education Program Adult Treatment Panel (NCEP-ATPIII) guidelines. *Neurology.* 2007; 68; 660-665.

Smith EE, Abdullah AR, Petkovska I, Rosenthal E, Koroshetz WJ, Schwamm LH. Poor outcomes in patients who do not receive intravenous tissue plasminogen activator because of mild or improving ischemic stroke. *Stroke.* 2005; 36:2497-2499.

Schwamm LH. Improving stroke outcomes: Get With The Guidelines – Stroke. *Physician's Weekly.* 2003; 20(22).

DEVICES AND PROCEDURES

Anesthesia

Colele TT, Helfrick JF, Gonzalez ML, Andresen R, Perrott DH. Office-based ambulatory anesthesia: factors that influence patient satisfaction or dissatisfaction with deep sedation/general anesthesia. *J Oral Maxillofacial Surgery*. 2005; 63(2):163-172.

Perrott DH, Cole TT, Helfrick JF, Gonzales ML, Andresen R. Office-based ambulatory anesthesia: outcomes of clinical practice of oral and maxillofacial surgeons. *J Oral Maxillofacial Surgery*. 2003; 61:983-995.

Cardiac Defibrillators

Mehra, MR, Yancy CW, Albert NM, Curtis AB, Gattis Stough W, Gheorghide M, Heywood JT, McBride ML, O'Connor CM, Reynolds D, Walsh MN, Fonarow GC. Evidence of clinical practice heterogeneity in the use of implantable cardioverter-defibrillators in heart failure and post-myocardial infarction left ventricular dysfunction: Findings from IMPROVE HF. *Heart Rhythm*. 2009; 6:1727-1734.

Shah B, Hernandez AF, Liang L, Al-Khatib SM, Yancy CW, Fonarow GC, Peterson ED. Hospital variation and characteristics of implantable cardioverter-defibrillator use in patients with heart failure data from the GWTG-HF (Get With The Guidelines-Heart Failure) registry. *JACC*. 2009; 53(5):416-422.

Hernandez AF, Fonarow GC, Liang L, Al-Khatib SM, Curtis LH, LaBresh KA, Yancy CW, Albert NM. A gender and racial gap in internal cardioverter defibrillator use among hospitalized Heart failure patients. *JAMA*. 2007; 298(13):1525-32.

Hiratzka L, Eagle KA, Liang L, Fonarow GC, LaBresh KA, Peterson ED. Atherosclerosis secondary prevention performance measures after coronary bypass graft surgery compared with percutaneous catheter intervention and non-intervention patients in the Get With The Guidelines database. *Circ Surg Supp*. 2007; 116(11 Suppl):I207-212.

Nallamothu BK, Wang Y, Magid DJ, McNamara RL, Herrin J, Bradley EH, Bates ER, Pollack CV Jr, Krumholz HM; National Registry of Myocardial Infarction Investigators. Relation between hospital specialization with primary percutaneous coronary intervention and clinical outcomes in ST-segment elevation myocardial infarction: National Registry of Myocardial Infarction-4 analysis. *Circulation*. 2006; 113(2):222-229.

Nallamothu BK, Bates ER, Herrin J, Wang Y, Bradley EH, Krumholz HM; NRMI Investigators. Times to treatment in transfer patients undergoing primary percutaneous coronary intervention in the United States: National Registry of Myocardial Infarction (NRMI)-3/4 analysis. *Circulation*. 2005; 111(6):761-767.

Sanborn TA, Jacobs AK, Frederick PD, Every NR, French WJ; National Registry of Myocardial Infarction 3 and 4 Investigators. Comparability of quality-of-care indicators for emergency coronary angioplasty in patients with acute myocardial infarction

regardless of on-site cardiac surgery (report from the National Registry of Myocardial Infarction). *Am J Cardiol.* 2004; 93(11):1335-1339, A5.

Denton TA, Fonarow GC, LaBresh KA, Trento A. Secondary prevention after coronary bypass: the American Heart Association "Get with the Guidelines" program. *Ann Thorac Surg.* 2003; 75:758-60.

Stents

Williams DO, Abbott JD, Kip KE. Outcomes of 6906 patients undergoing percutaneous coronary intervention in the era of drug-eluting stents: report of the DEScover registry. *Circulation.* 2006; 114(20):2154-2162.

Kandzari DE, Roe MT, Ohman EM, Milford-Beland S, Chen AY, Lytle BL, Cohen DJ, Smith SC, Harrington RA, Gibler WB, Peterson ED. Frequency, predictors, and outcomes of drug-eluting stent utilization in patients with high-risk non-ST-segment elevation acute coronary syndromes. *Am J Cardiol.* 2005; 96(6):750-755.

Hernia

Bringman S, N Dreyer, BT Heniford, B Ramshaw, LT Divilio, DL Simpkins. Prospective assessment of long-term health outcomes following mesh hernia repair: the international hernia mesh registry. *European Hernia Society.* May, 2008.

Head, Neck, Oral and Maxillofacial Surgery

Fang TJ, Li HY, Gliklich RE, Chen YH, Wang PC, Chuang HF. Outcomes of fat injection laryngoplasty in unilateral vocal cord paralysis. *Arch Otolaryngology Head Neck Surgery.* 2010; 136(5).

Gliklich. RE, Siegel N, Chang Y. Septoplasty outcomes. *Otolaryngol Head Neck Surg.* 2000; 122(2):228.

Metson R, Cosenza M, Gliklich RE, Montgomery WW. The role of image-guidance systems for head and neck surgery. *Arch Otolaryngol Head Neck Surg.* 1999; 125(10):1100-1104.

Metson R, Gliklich RE, Cosenza M. A comparison of image guidance systems for sinus surgery. *Laryngoscope.* 1998; 108(8):1164-1170.

Metson R, Gliklich RE. Clinical outcome of endoscopic surgery for frontal sinusitis. *Arch Otolaryngol Head Neck Surg.* 1998; 124(10):1090-1096.

Metson R, Gliklich RE, Stankiewicz JA, Kennedy DW, Duncavage JA, Hoffinan SR, Ohnishi T, Terrell JE, White PS. Comparison of sinus computed tomography staging systems. *Otolaryngol Head Neck Surg.* 1997; 117(4):372-379.

HEALTH STATUS AND PATIENT REPORTED OUTCOMES

Kaufman PA, Dreyer NA, Mayer M, Sloan JA, Chung CY, Sing A, Yim YM, Yu E, Mathias SD, Cleeland CS. Capturing breast cancer patients experience beyond disease progression: Implementation of a patient-reported outcome (PRO) substudy in the VIRGO metastatic breast cancer observational cohort study. 2010 ASCO Annual Meeting. June 4-8, 2010; abstract.

Bringman S, N Dreyer, BT Heniford, B Ramshaw, LT Divilio, DL Simpkins. Prospective assessment of long-term health outcomes following mesh hernia repair: the international hernia mesh registry. European Hernia Society. May, 2008.

Tosi LL, Gliklich RE, Kannan K, Koval KJ. American Orthopaedic Association's "Own the Bone" initiative to prevent secondary fractures. *The Journal of Bone and Joint Surgery (American)*. 2008; 90:163-173.

Wang PC, Li HY, Shih TS, Gliklich RE, Chen NH, Liao YF. Generic and specific quality-of-life measures in Taiwanese adults with sleep-disordered breathing. *Otolaryngol Head Neck Surg*. 2006; 135(3):421-426.

Volpp KG, Konetzka RT, Zhu J, Parsons L, Peterson E; National Registry of Myocardial Infarction Investigators. Effect of cuts in Medicare reimbursement on process and outcome of care for acute myocardial infarction patients. *Circulation*. 2005; 112(15):2268-2275.

Atlas SJ, Gallagher PM, Wu YA, Singer DE, Gliklich RE, Metson RB, Fowler FJ Jr. Development and validation of a new health-related quality of life instrument for patients with sinusitis. *Qual Life Res*. 2005; 14(5):1375-1386.

Atlas SJ, Metson RB, Singer DE, Wu YA, Gliklich RE. Validity of a new health-related quality of life instrument for patients with chronic sinusitis. *Laryngoscope*. 2005; 115(5):846-854.

Chen NH, Li HY, Gliklich RE, Chu CC, Liang SC, Wang PC. Validation assessment of the Chinese-version Chronic Ear Survey: a comparison between data from English and Chinese versions. *Ann Otol Rhinol Laryngol*. 2003; 112(1):85-90.

Gliklich RE, Wang PC. Validation of the Snore Outcomes Survey for patients with sleep-disordered breathing. *Arch Otolaryngol Head Neck Surg*. 2002; 128(7):819-824.

Chen NH, Li HY, Gliklich RE, Chu CC, Liang SC, Wang PC. Validation assessment of the Chinese version of the Snore Outcomes Survey. *Qual Life Res*. 2002; 11(6):601-607.

Kahn JB, Gliklich RE, Boyev KP, Stewart MG, Metson RB, McKenna MJ. Validation of a patient-graded instrument for facial nerve paralysis: the FaCE scale. *Laryngoscope*. 2001; 111(3):387-98

Corey JA, Kemker B, Branca, Kuo F, Chang Y, Gliklich RE. Health status in allergic rhinitis. *Otolaryngol Head Neck Surg*. 2000; 122:681-685.

Cunningham JM, Chiu EJ, Landgraf JM, Gliklich RE. The health impact of chronic recurrent rhinosinusitis in children. *Arch Otolaryngol Head Neck Surg.* 2000; 126(11):1363-1368.

Gliklich RE, Taghizadeh F, Winkelman, JW. Health status in patients with disturbed sleep and obstructive sleep apnea. *Otolaryngol Head Neck Surg.* 2000; 122(4):542-546.

Nadol JB Jr, Staecker H, Gliklich RE. Outcomes assessment for chronic otitis media: the Chronic Ear Survey. *Laryngoscope.* 2000; 110(3 Pt 3):32.

Wang PC, Nadol JB Jr, Merchant S, Austin E, Gliklich RE. Validating an outcomes survey for adults with chronic suppurative otitis media. *Ann Otol Rhinol Laryngol.* 2000; 109(3):249-254.

Funk OF, Karnell LH, Dawson Ci, Means ME, Coiwill ML, Gliklich RE, Alford EL, Stewart MG. Baseline and post-treatment assessment of the general health status of head and neck cancer patients compared to United States population norms. *Head Neck.* 1997; 19(8):675-683.

VACCINES

Bhatt P, Block SL, Toback SL, Ambrose CS. A prospective observational study of US in-office pediatric influenza vaccination during the 2007-2009 influenza seasons: use and factors associated with increased vaccination rates. *Clin Pediatr (Phila).* August 19, 2010. [Epub ahead of print].

Bhatt P, Perez-Tselikis J, Ambrose CS, Hamilton H, Oleka N. Real-time assessment of 2007-2008 influenza vaccine coverage among pediatric practices. Pediatric Academic Societies Annual Meeting. Poster. May 2-6, 2008.