



# **Registry Research Manuscripts**

# Registry Manuscripts Table of Contents (TOC)

<b>LEGEND.....</b>	<b>3</b>
<b>CATHPCI REGISTRY<sup>®</sup> .....</b>	<b>4</b>
<b>PUBLISHED .....</b>	<b>4</b>
<b>IN PRESS .....</b>	<b>7</b>
<b>SUBMITTED .....</b>	<b>7</b>
<b>IN PREPARATION.....</b>	<b>7</b>
<b>ACTION REGISTRY<sup>®</sup> - GWTG<sup>™</sup> .....</b>	<b>9</b>
<b>PUBLISHED .....</b>	<b>9</b>
<b>IN PRESS .....</b>	<b>9</b>
<b>SUBMITTED .....</b>	<b>9</b>
<b>IN PREPARATION.....</b>	<b>9</b>
<b>ICD REGISTRY<sup>™</sup> .....</b>	<b>11</b>
<b>PUBLISHED .....</b>	<b>11</b>
<b>IN PRESS .....</b>	<b>11</b>
<b>SUBMITTED .....</b>	<b>11</b>
<b>IN PREPARATION.....</b>	<b>12</b>
<b>CARE REGISTRY<sup>®</sup> .....</b>	<b>13</b>
<b>PUBLISHED .....</b>	<b>13</b>
<b>IMPACT REGISTRY<sup>™</sup> .....</b>	<b>14</b>
<b>IN PREPARATION.....</b>	<b>14</b>
<b>IC<sup>3</sup> PROGRAM<sup>®</sup> .....</b>	<b>15</b>
<b>IN PRESS .....</b>	<b>15</b>
<b>SUBMITTED .....</b>	<b>15</b>
<b>IN PREPARATION.....</b>	<b>15</b>

## NCDR<sup>®</sup> Registry Manuscripts

### Legend

#### Manuscript Status is designated as follows:

- **Full Citation Provided:** Manuscript is published.
- **In Press:** Manuscript accepted for publication but has not yet appeared in print or on-line.
- **Submitted:** Submitted to journal and under review; this status includes manuscripts that are being revised per journal recommendations.
- **In Preparation:** Manuscript draft being prepared.

#### Abbreviations:

- **Am J Cardiol:** American Journal of Cardiology
- **Am Heart J:** American Heart Journal
- **Br Med J:** British Medical Journal
- **Catheter Cardiovasc Interv:** Catheterization and Cardiovascular Interventions.
- **Circulation:** Circulation
- **Circ: Interv:** Circulation: Cardiovascular Interventions
- **Circulation: Cardiovasc Qual Outcomes:** Circulation: Cardiovascular Quality and Outcomes
- **Clin Med Res:** Clinical Medicine and Research
- **Heart Rhythm:** Heart Rhythm
- **J Am Coll Cardiol:** Journal of the American College of Cardiology
- **JACC Cardiovasc Interv:** J Am Coll Cardiol: Cardiovascular Interventions
- **JAMA:** Journal of the American Medical Association
- **J Cardiovasc Manag:** The Journal of Cardiovascular Management (Pub ended 2005)
- **J Invas Cardiol:** Journal of Invasive Cardiology
- **Journal Biomed Inform:** Journal of Biomedical Informatics
- **J Cardiovasc. Manag:** Journal of Cardiovascular Management
- **Pharmacoepidemiol Drug Saf:** Pharmacoepidemiology and Drug Safety

**PUBLISHED**

**122P: State of the Art: Chronic Total Occlusion Angioplasty in the United States.** JA Grantham, SP Marso, J Spertus, J House, DR. Holmes, BD Rutherford. *J Am Coll Cardiol Intv*, 2009; 2:479-486, doi:10.1016/j.jcin.2009.02.008

**149P: Incidence and Predictors of Stroke Associated with Percutaneous Coronary Intervention.** Atul Aggarwal, MD, FACC1, David Dai, PhD2, John S. Rumsfeld, MD, PhD, FACC,3 Lloyd W. Klein, MD, FACC,4 and Matthew T. Roe, MD, MPH, FACC2, on behalf of American College of Cardiology National Cardiovascular Data Registry. *Am J Cardiol* 2009;104:349-353

**124P: Bleeding in Patients Undergoing Percutaneous Coronary Intervention: The Development of a Clinical Risk Algorithm From the National Cardiovascular Data Registry.** Sameer K. Mehta, A. Frutkin, J. Lindsey, J. House, J. Spertus, S. Rao, F. Ou, M. Roe, E. Peterson, S. Marso. *Circ Cardiovasc Intervent.* 2009;2:222-229; published online before print May 8 2009.

**130P: Gender Differences Among Patients with Acute Coronary Syndromes (ACS) Undergoing Percutaneous Coronary Intervention (PCI) in the American College of Cardiology-National Cardiovascular Data Registry.** N Akhter; S Milford-Beland; MT Roe; RN Piana; J Kao; A Shroff. *AHJ* 2009;157:141-8.

**007P: Combined Impact of Age and Estimated Glomerular Filtration Rate on In-Hospital Mortality After Percutaneous Coronary Intervention for Acute Myocardial Infarction (from the American College of Cardiology National Cardiovascular Data Registry).** F Cardarelli, A Bellasi, F-S Ou, LJ Shaw, E Veledar, MT Roe, DC Morris, ED Peterson, LW Klein, P Raggi,. *Am J Cardiol* 2009 Mar 15; 103(6): 766-771.

**164P: Clinical Significance of Post-Procedural Thrombolysis In Myocardial Infarction Flow in Patients With Cardiogenic Shock Undergoing Primary Percutaneous Coronary Intervention.** RH Mehta, F-S Ou, ED Peterson, RE Shaw, WB Hillegass, JS Rumsfeld, MT Roe. *JACC Cardiovasc Interv* Jan 2009;2(1):56-64.

**001P: Association of Primary Percutaneous Coronary Intervention Door-to-Balloon Time and Mortality in Patients Hospitalized with ST-Elevation Myocardial Infarction** SS Rathore, JP Curtis, BK Nallamothu, Y Wang, AJ Epstein, HM Krumholz. *Br Med J* 2009;338:b1807 doi:10.1136/bmj.b1807

**08P: Effect of Insurance Status on Use of Drug-Eluting Stents versus Bare Metal Stents in Patients Undergoing Elective Percutaneous Coronary Intervention.** J. Kao, R. Vicuna, J. Rumsfeld; H. Ting, J. Spertus, A. *American Heart Journal (AHJ)* Dec 2008;V156(6):1133-1140.

**002P: Time-to-reperfusion in patients undergoing interhospital transfer for primary percutaneous coronary intervention in the U.S: an analysis of 2005 and 2006 data from the National Cardiovascular Data Registry.** A Chakrabarti, HM Krumholz, Y Wang, JS Rumsfeld, BK Nallamothu. *Am J Cardiol* 2008 Jun 24;51(25):2442-3.

**39P: Culprit-only or multivessel revascularization in patients with acute coronary syndromes; An ACC-NCDR report.** SJ Brener, M Roe, DL Bhatt, JK Foster, E Veledar, GT Anderson, WS Weintraub, RG Brindis. *Am Heart J* 2008; 155:140-6

**47P: Impact of Ethnicity and Gender Differences on Angiographic Coronary Artery Disease Prevalence and In-Hospital Mortality in the American College of Cardiology National Cardiovascular Data Registry.** LJ Shaw, RE Shaw, CN Bairey Merz, RG Brindis, LW Klein, B Nallamothu, PS Douglas, RJ Krone, CR McKay, PC Block, K Hewitt, WS Weintraub, ED Peterson. *Circulation* 2008;117;1787-1801; originally published online Mar 31, 2008;DOI: 10.1161/Circulation.AHA.107.726562.

**134P: Factors Associated with Off-label Use of Drug Eluting Stents in Patients with ST-elevation Myocardial Infarction.** HH Ting, MT Roe; BJ Gersh; JA Spertus; JSRumsfeld; F-S Ou; J Kao; KH Long; DR Holmes; ED Peterson. *Am J Cardiol* February 2008;101: 286-292.

- 138P: Validation of Mayo Clinic Risk Score for In-Hospital Mortality following Percutaneous Coronary Interventions using the National Cardiovascular Data Registry (NCDR).** M Singh, C Rihal, D Holmes, J Rumsfeld, J Spertus, LW Klein, HV Anderson. **Circ: Interv Aug 2008;1:36-44.**
- 143P: Impact of Home Warfarin Use on the Treatment and Outcomes of Patients Undergoing Percutaneous Coronary Intervention.** A Aggarwal, D Dai, JS Rumsfeld, L W Klein, MT Roe. **Am J Cardiol 2008;101:1413–1417.**
- 151P: Patterns of Cardiac Marker Surveillance After Elective Percutaneous Coronary Intervention and Implications for the Use of Periprocedural Myocardial Infarction as a Quality Metric: A Report From the National Cardiovascular Data Registry (NCDR).** Tracy Y. Wang, MD, MS,\* Eric D. Peterson, David Dai, H. Vernon Anderson, Sunil V. Rao, Ralph G. Brindis, Matthew T. Roe on behalf of the National Cardiovascular Data Registry (NCDR). **JACC. May 27 2008;51(21):2068-2074.**
- 83P: Patterns of Cardiac Marker Surveillance after Elective Percutaneous Coronary Intervention: Implications for the Use of Peri-procedural Myocardial Infarction as a Quality Metric.** TY Wang, ED Peterson, D Dai, HV Anderson, SV Rao, MT Roe. **J. Am. Coll. Cardiol. 2008;51:2068-2074**  
**doi:10.1016/j.jacc.2008.01.054.**
- 84P: Trends in the Prevalence and Outcomes of Radial and Femoral Approaches to Percutaneous Coronary Intervention.** SV Rao, F-S Ou, TY Wang, MT Roe, R Brindis, JS Rumsfeld, ED Peterson. **JACC Cardiovasc Interv Aug 2008;V1:379-386.**
- 135P: Anatomic Distribution of the Culprit Lesion in Patients With Non–ST-Segment Elevation Myocardial Infarction Undergoing Percutaneous Coronary Intervention.** W Dixon, T. Wang, DDai, KA Shunk, ED Peterson, MT Roe. **J Am Coll Cardiol, 2008;v15(16):1347-1351**
- 22P: Frequency of Percutaneous Coronary Interventions at Facilities without On-Site Cardiac Surgical Backup—A Report from the American College of Cardiology–National Cardiovascular Data Registry (ACC-NCDR®).** GJ Dehmer, MA Kutcher, SK Dey, RE Shaw, WS Weintraub, K Mitchell, RG Brindis. **Am J Cardiol 2007; 99:329–332.**
- 37P: "Hemostatic Devices" Chapter in: Medical Device Epidemiology and Surveillance.** DR Tavis, B Gallaresi, RG Brindis. **John Wiley & Sons, Ltd. England 2007, pages 379-394.**
- 156P: Comparing Hospital Performance in Door-to-Balloon Time Between the Hospital Quality Alliance and the National Cardiovascular Data Registry.** BK Nallamothu, Y Wang, EH Bradley, KK Ho, JP Curtis, JS Rumsfeld, FA Masoudi, HM Krumholz. **J Am Coll Cardiol 2007; 50(15); 1515-1521; originally published online Sep 21, 2007; doi:10.1016/j.jaac.2007.07.010.**
- 006P: Risk-Adjusted Mortality Analysis of Percutaneous Coronary Interventions by American College of Cardiology/American Heart Association Guidelines Recommendations.** HV Anderson, RE Shaw, RG Brindis, CR McKay, LW Klein, RJ Krone, KK Ho, JS Rumsfeld, SC Smith Jr., WS Weintraub. **Am J Cardiol 2007; 99:189–196.**
- 87P: Clinical Utilization and Efficacy of Distal Embolic Protection Devices during Saphenous Vein Graft Percutaneous Coronary Interventions.** SK Mehta, AD Frutkin, S Milford-Beland, LW Klein, RE Shaw, WS Weintraub, RJ Krone, HV Anderson, MA Kutcher, SP Marso. **Am J Cardiol 2007; 100: 1114-1118.**
- 38P: Ad Hoc Percutaneous Coronary Intervention (PCI) in Patients with Stable Coronary Artery Disease—A Study of Prevalence, Safety, and Variation in Use from the American College of Cardiology—National Cardiovascular Data Registry.** RJ Krone, RE Shaw, LW Klein, JC Blankenship, WS Weintraub. **Catheter Cardiovasc Interv 2006; 68(5):696–703.**
- 98P: On- versus Off-Label Use of Drug-Eluting Coronary Stents in Clinical Practice: Report from the ACC-NCDR.** SV Rao, RE Shaw, RG Brindis, LW Klein, ED Peterson. **Am J Cardiol 2006; 97(10):1478–1481.**
- 103P: Patterns and outcomes of drug-eluting coronary stent use in clinical practice.** SV Rao, RE Shaw, RG Brindis, LW Klein, WS Weintraub, RJ Krone, ED Peterson. **Am Heart J. 2006 Aug; 152(2):321–6; published online 30 June 2006.**
- 30P: Trends in Percutaneous Versus Surgical Revascularization of Unprotected Left Main Coronary Stenosis in the Drug-Eluting Stent Era—A Report from the American College of Cardiology–National Cardiovascular Data Registry (ACC-NCDR).** HW Huang, BN Brent, RE Shaw. **Catheter Cardiovasc Interv 2006; 68:867–872.**

- 227P: President's Page: A question of quality: Why national benchmarking?** PS Douglas, RG Brindis. **J Am Coll Cardiol. Mar 7 2006; 47(5):1076–1078.**
- 61P: Continuous quality improvement in the cardiac catheterization laboratory - Are the benefits worth the cost and effort?** RG Brindis, GJ Dehmer. **Circulation. Feb 14 2006; 113(6):767–770. Editorial.**
- 115P: Risk of Local Adverse Events Following Cardiac Catheterization by Hemostasis Device and Gender: A Report from the American College of Cardiology—National Cardiovascular Data Registry (Phase II).** DR Tavaris, SK Dey, BA Gallauresi, RE Shaw, WS Weintraub, KR Mitchell, RG Brindis. **J Invasive Cardiol 2005; 17(12): 644–650.**
- 18P: Relationship between procedure indications and outcomes of percutaneous coronary interventions by the American College of Cardiology/American Heart Association Task Force Guidelines.** HV Anderson, RE Shaw, RG Brindis, LW Klein, CR McKay, MA Kutcher, RJ Krone, MJ Wolk, SC Smith Jr, WS Weintraub. **Circulation 2005; 112(18):2786–2791.**
- 53P: Mortality after Emergent PCI in Cardiogenic Shock Secondary to Acute Myocardial Infarction and Usefulness of a Mortality Prediction Model.** LW Klein, RE Shaw, RJ Krone, RG Brindis, HV Anderson, PC Block, CR McKay, KM Hewitt, WS Weintraub. **Am J Cardiol 2005; 96(1):35–41.**
- 228P: Accuracy of noninvasive ejection fraction measurement in a large community-based clinic.** DE Habash-Bseiso, R Rokey, CJ Berger, AS Weier, PH Chyou. **Clin Med Res. 2005; 3(2):75–82.**
- 229P: Discrimination and calibration of mortality risk prediction models in interventional cardiology.** ME Matheny, L Ohno-Machado, FS Resnic. **Journal of Biomedical Informatics. 2005; 38:367–75.**
- 20P: Risk of Local Adverse Events Following Cardiac Catheterization by Hemostasis Device Use and Gender.** DR Tavaris, BA Gallauresi, S Dey, R Brindis, K Mitchell. **J Invas Cardiol 09-01-2004; Issue 16(9).**
- 114P: Bringing Measurement and Management Science to the Cath Laboratory: The ACC-NCDR and the Cardiac Catheterization Laboratory Continuous Quality Improvement Toolkit.** GJ Dehmer, MC Elma, KM Hewitt, RG Brindis. **J Cardiovasc Manag 2004; 15(6):20–6.**
- 109P: CathKIT: Improving Quality in the Cardiac Catheterization Laboratory.** GJ Dehmer, JW Hirshfeld, WJ Oetgen, KR Mitchell, AW Simon, MC Elma, MA Kellett, RG Brindis. **J Am Coll Cardiol 2004; 43:893–9.**
- 117P: Updated Risk-Adjustment Mortality Model Using the Complete 1.1 Dataset from the ACC-NCDR.** RE Shaw, HV Anderson, RG Brindis, RJ Krone, LW Klein, CR McKay, PC Block, LJ Shaw, KM Hewitt, WS Weintraub. **J Invas Cardiol 2003; 15(10):578–580.**
- 49P: Evaluation of the American College of Cardiology/American Heart Association and the Society for Coronary Angiography and Interventions Lesion Classification System in the Current 'Stent Era' of Coronary Interventions.** RJ Krone, RE Shaw, LW Klein, PC Block, HV Anderson, CR McKay. **Am J Cardiol 2003; 92:389–394.**
- 66P: Percutaneous Coronary Interventions in Octogenarians in the American College of Cardiology—National Cardiovascular Data Registry: Development of a Nomogram Predictive of In-Hospital Mortality.** LW Klein, P Block, RG Brindis, CR McKay, BD McCallister, M Wolk, et al. **J Am Coll Cardiol 2002; 40(3):394–402.**
- 65P: A Contemporary Overview of Percutaneous Coronary Interventions: The American College of Cardiology—National Cardiovascular Data Registry.** HV Anderson, RE Shaw, RG Brindis, KM Hewitt, RJ Krone, PC Block, CR McKay, WS Weintraub. **J Am Coll Cardiol 2002; 39(7):1096–1103.**
- 64P: Development of a Risk Adjustment Mortality Model Using the American College of Cardiology—National Cardiovascular Data Registry Experience: 1998-2000.** RE Shaw, HV Anderson, RG Brindis, RJ Krone, LW Klein, CR McKay, PC Block, LJ Shaw, KM Hewitt, WS Weintraub. **J Am Coll Cardiol 2002; 39(7):1104–1112.**
- 73P: The ACC-NCDR: Building a National Clinical Data Repository.** RG Brindis, S Fitzgerald, HV Anderson, RE Shaw, WS Weintraub, JF Williams. **J Am Coll Cardiol 2001; 37(8): 2240–2245.**
- 76P: Variations in risk-adjusted mortality with PCI: The ACC-NCDR Registry.** HV Anderson, CR McKay, RE Shaw, KR Mitchell, J Emler, PD Mermelstein, RG Brindis. **Circulation 2000; 102(18): 841. 10-31-2000.**

**92P: Percutaneous Coronary Interventions in Facilities without Cardiac Surgery On-Site: A Report from the National Cardiovascular Data Registry (NCDR).** Michael A. Kutcher, MD, Lloyd W. Klein, MD, Fang-Shu Ou, MS, Thomas P. Wharton, Jr, MD, Gregory J. Dehmer, MD, Mandeep Singh, MD, MPH, H. Vernon Anderson, MD, John S. Rumsfeld, MD, PhD, William S. Weintraub, MD, Richard E. Shaw, PhD, Matthew T. Sacrinty, MPH, Albert Woodward, PhD, MBA, Eric D. Peterson, MD, MPH, Ralph G. Brindis, MD, MPH. **J Am Coll Cardiol 2009;59:16-24.**

**118P: Development of the American College of Cardiology National Cardiovascular Data Registry.** WS Weintraub. **J Invasive Cardiol 1998; 10(8):489-491.**

**152P: Association of Prior Coronary Artery Bypass Graft Surgery with Door-to-Balloon Time and In-Hospital Outcomes: A Report from the National Cardiovascular Data Registry (NCDR).** M. Kim et al. **Journal of the American College of Cardiology: 2008. 10.1016. Vol. 52, No. 20.**

**158P: Role of age as a predictor of outcome.** M Singh, J Rumsfeld, J Spertus, HV. Anderson, E Peterson, L Klein, W Weintraub, D Holmes. **Circulation: Cardiovascular Interventions. 2(1):20-26, February 2009.**

## **IN PRESS**

**85P: Prevalence, predictors, and in-hospital outcome of non-infarct artery Intervention during primary percutaneous coronary intervention for ST-segment elevation myocardial infarction: Results from the National Cardiovascular Data Registry (NCDR).** Matthew A. Cavender, Sarah Milford-Beland, Matthew T. Roe, Eric D. Peterson, William S. Weintraub, Sunil V. Rao. **JACC. 2009. In Press.**

## **SUBMITTED**

**40P: Class III PCI Procedures with 2001 v. 2005 guidelines.** RA Dudley. **Submitted.**

**192P: Incidence, Factors and In-hospital Outcomes of No Reflow Phenomenon during Percutaneous Coronary Intervention for Acute Myocardial Infarction.** A. Aggarwal, F. Ou, L. Klein, J. Rumsfeld, M. Roe, T. Wang, on behalf of National Cardiovascular Data Registry®. **Submitted.**

**204P (B): The Low Prevalence of Obstructive Coronary Artery Disease in Patients Undergoing Diagnostic Invasive Angiography: A report from the National Cardiovascular Data Registry.** P. Douglas. **Submitted.**

## **IN PREPARATION**

**09P: Timing and Complications of IABP use in STEMI Patients Undergoing Emergency Catheterization: Results from the American College of Cardiology - National Cardiovascular Data Registry.** J. Curtis. **In Preparation.**

**12P: PCI in Asymptomatic Outpatients Undergoing Cardiac Catheterization: Results from the American College of Cardiology - National Cardiovascular Data Registry.** J. Curtis. **In Preparation.**

**144P: Incidence and Predictors of Survival Among Patients Undergoing Rescue Percutaneous Coronary Intervention after Failed Fibrinolysis for ST-Elevation Myocardial Infarction: Development and Validation of the NCDR-RESCUE (Real-world Estimator of Survival in Catheterized STEMI patients following Unsuccessful Earlier fibrinolysis) Score.** S. Burjonrappa, P. Varosy, S. Rao, F. Ou, E. Peterson, M. Roe, K. Shunk, on behalf of the National Cardiovascular Data Registry (NCDR). **In Preparation.**

**155P: LV Dysfunction in AMI.** J. Kao. **In Preparation.**

**163P: Impact of stent type on development of late thrombosis in DES.** R. Krone et al. **In Preparation.**

**168P: Conventional Risk Factors Are Highest for Minority Women Presenting With Myocardial Infarction: Results from the ACC-NCDR Registry.** J. Lichtman. **In Preparation.**

**169P: Young Women Undergoing Elective PCI Procedures Have Higher Complication Rates than Similarly Aged Men: Results from the ACC-NCDR Registry.** J. Lichtman. **In Preparation.**

**174P: Do Improvements in Reported DTB Times also Translate to Improved “First Door to Balloon” Times among Patients Transferred.** T. Wang. **In Preparation.**

**178P: Contemporary Predictors of Procedural Mortality Among Patients Undergoing PCI. Results from the ACC-NCDR. E. Peterson. In Preparation.**

**184P: Impact of the Occluded Artery Trial on Clinical Practice in the United States. J. Hochman. In Preparation.**

**185P: Indications for PCI performed in U.S. Hospitals: Analysis of the ACC Cath-PCI Registry. P. cram et al. In preparation.**

**195: Vascular Complications and Learning Curve Associated with StarClose Vascular Closure Device - An analysis of the National CathPCI Registry®. F. Resnic et al. In Preparation.**

**197P: Secondary Prevention Therapy among Patients with Non-Obstructive CAD. T. Maddox. In Preparation.**

**211P: Association of ED Physician Catheterization laboratory activation with angiographic findings and door to balloon times among STEMI patients referred for emergency angiography. C. Regan. In Preparation.**

**215P (A) Use and Comparative Outcomes of Coronary Stents in Under-Represented Populations: Results in 262,700 Patients from the National Cardiovascular Data Registry (NCDR)® . P. Douglas. In Preparation.**

**216P: Renally Cleared Anti-thrombotic Agents Among Dialysis Patients Receiving Percutaneous Coronary Interventions: Insights From the ACC-NCDR Cath-PCI Registry. T. Tsai. In Preparation.**

**236P: Current Review on Risk-Adjusted Mortality Following PCI. M. Singh et al. In Preparation.**

# ACTION Registry<sup>®</sup> - GWTG<sup>™</sup>

## PUBLISHED

**02A: Utilization and Impact of Pre-Hospital Electrocardiograms for Patients With Acute ST-Segment Elevation Myocardial Infarction: Data From the NCDR (National Cardiovascular Data Registry) ACTION (Acute Coronary Treatment and Intervention Outcomes Network) Registry.** Deborah B. Diercks, Michael C. Kontos, Anita Y. Chen, Charles V. Pollack, Jr. D. Wiviott, John S. Rumsfeld, David J. Magid, W. Brian Gibler, Christopher P. Cannon, Eric D. Peterson, Matthew T. Roe, on behalf of the NCDR ACTION Registry participants. **J. Am. Coll. Cardiol. Jan 13 2009;53(2);161-166.**

**06A: Temporal Changes in the Use of Drug-Eluting Stents for Patients With Non-ST-Segment-Elevation Myocardial Infarction Undergoing Percutaneous Coronary Intervention From 2006 to 2008 Results From the Can Rapid risk stratification of Unstable angina patients Suppress ADverse outcomes with Early implementation of the ACC/AHA guidelines (CRUSADE) and Acute Coronary Treatment and Intervention Outcomes Network-Get With The Guidelines (ACTION-GWTG) Registries.** M. Roe, A. Chen, C. Cannon, S. Rao, J. Rumsfeld, D. Magid, R. Brindis, L. Klein, W. B. Gibler, E. Ohman, E. Peterson, on behalf of the CRUSADE and ACTION-GWTG Registry Participants. **Circ Cardiovasc Qual Outcomes 2009;2;414-420.**

**44A: 44A: A Call to ACTION (The Acute Coronary Treatment and Intervention Outcomes Network): A National Effort to Promote Timely Clinical Feedback and Support Continuous Quality Improvement for Acute Myocardial Infarction.** E. Peterson, M. Roe, J. Rumsfeld, R. Shaw, R. Brindis, G. Fonarow, C. Cannon, for the ACTION Registry<sup>®</sup>-GWTG<sup>™</sup> Steering Committee and Hospitals.. **Circulation: Cardiovasc Qual Outcomes 2009;2;491-499.**

## IN PRESS

**05A: Is the use of a Prehospital ECG associated with improved AHA/ACC Hospital Guideline Compliance for STEMI/NSTEMI?.** M. Cudnik, et al. **Clinical Cardiology 2010. In. Press.**

## SUBMITTED

**08A: Delays in Emergency Department Fibrinolysis as Primary Reperfusion Therapy for Acute ST-Elevation Myocardial Infarction.** S. Glickman, et al. **Submitted.**

**12A: Chronic Kidney Disease Concurrent with Myocardial Infarction: Prevalence, Outcomes & Use of Evidence Based Therapies.** S. Wiviott et al. **Submitted.**

**17A: Improved outcomes with culprit-vessel PCI in patients with acute myocardial infarction and multivessel disease prior to revascularization with CABG.** S. Parikh. **Submitted.**

**22A: Troponin Positive, MB Negative Patients with Non-ST Elevation Myocardial Infarction: An Under-treated But High Risk Patient Group: Results From NCDR ACTION-GWTG Registry.** M. Kontos. **Submitted.**

**36A: STEMI Care and Outcomes for the Oldest-Old: Report from ACTION Registry<sup>®</sup>-GWTG<sup>®</sup>.** D. Forman, A. Chen, S. Wiviott, T. Wang, D. Magid, K. Alexander . **In preparation.**

## IN PREPARATION

**07A: ACUITY in ACTION: Real world use of Bivalarudin versus GP IIb/IIIa inhibitors in patients undergoing early invasive care with NSTEMI ACS.** K. Alexander, et al. **In Preparation.**

**11A: Use of Clopidogrel Among Patients Admitted with ST-Elevation Myocardial Infarction** C. Melloni, et al. **In Preparation.**

- 13A: Delays in Hospital Presentation for STEMI and N-STEMI. H. Ting. **In Preparation.**
- 19A: Cerebrovascular Disease Concurrent with Myocardial Infarction: Prevalence, Use of Evidence-based Therapies, In-Hospital Outcomes. S. Wiviott et al. **In Preparation.**
- 20A: Has time from symptom onset to presentation changed in women with an acute coronary syndrome? A Temporal Analysis of a Nationwide Experience in the United States from the ACTION Registry® - GWTG™ and CRUSADE Registry. D. Diercks, et al. **In Preparation.**
- 21A: Effect of Early Beta-Blocker Use in Patients with Acute Myocardial Infarction. M. Kontos, et al. **In Preparation.**
- 22A: Is Pre-Existing Coronary Disease A Risk Factor For In-Hospital Mortality? An Analysis From The NCDR ACTION-GWTG Registry. A. Abbate. **In Preparation.**
- 26A: Contemporary Practice Patterns in the Use of Anti-Thrombin Therapies in Acute Coronary Syndromes. B. Scirica, et al. **In Preparation.**
- 28A: Exploring Bleeding and Ischemic Risk Characteristics in Patients with NSTEMI. B. Shah. **In Preparation.**
- 29A: Current and Emerging Performance Measures for STEMI Patients Who Present Initially to Hospitals Without PCI capabilities. T. Wang, et al. **In Preparation.**
- 30A: Association of Prior Coronary Artery Bypass Graft Surgery with the Quality of Care of Patients with Non-ST Segment Elevation Myocardial Infarction: A Report from the National Cardiovascular Data Registry (NCDR). M. Kim. **In Preparation.**
- 31A: Appropriateness of Clopidogrel Use among Medically-Managed ACS Patients. T. Maddox, et al. **In Preparation.**
- 33A: Survey of Diagnostic Criteria for Determining the Presence of Myocardial Infarction Using Troponin at ACTION Sites. T. Maddox. **In Preparation.**
- 34A: Variations in the Utilization of Early Invasive Management Strategies for Patients with Non-ST-Elevation Myocardial Infarction. M. Gharacholou, et al. **In Preparation.**
- 38A: Evaluation of Door-In-Door-Out Time as a Clinical Performance Measure for Patients Transferred for Primary Percutaneous Coronary Intervention. H. Ting, et al. **In Preparation.**
- 46A: New left bundle branch block (LBBB) compared to ST-elevation as a predictor of coronary occlusion and major adverse cardiovascular outcomes in acute myocardial infarction. K. Keong. **In Preparation.**
- 55A: Temporal changes in hospital and patient characteristics associated with the use of a higher clopidogrel loading dose among patients with non-ST-segment elevation myocardial infarction. C. Don. **In Preparation.**
- 58A: ACTION Registry-GWTG Risk-Adjustment Model. M. Roe. **In Preparation.**
- 60A: Independent Prognostic Implications of Peak Ck-MB and Peak Troponin Levels for Patients with STEMI and NSTEMI. C. Chen. **In Preparation.**
- 62A: Hospital Length of Stay in Non-ST Elevation ACS: Associated Patient Characteristics, Treatment Patterns, and Outcomes. R. Lopes. **In Preparation.**

# ICD Registry™

## PUBLISHED

**25-I: Association of Physician Certification and Outcomes Among Patients Receiving an Implantable Cardioverter-Defibrillator: Insights from the ICD Registry.** J. P. Curtis, J. Leubbert; Y. Wang; S. Rathore; J. Chen; P. Heidenreich; S. Hammill; R. Lampert; H. Krumholz. **JAMA. April 2009. 301(16):1661-1670.**

**17-I (A): Gender Differences in Procedure-Related Adverse Events in Patients Receiving Implantable Cardioverter-Defibrillator Therapy.** PN Peterson, SL Daugherty, Y Wang, HJ Vidaillet, PA Heidenreich, JP Curtis, FA Masoudi. **Circulation. 3 March 2009; 119 (8): 1078-1-84.**

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- 10-I: To study patients with ischemic or non-ischemic cardiomyopathy who underwent ICD implantation for a primary prevention indication. S. Al-Khatib, et al. **In Preparation.****
- 15-I: To determine the association of race and payor status with the choice of device in patients undergoing ICD implantation. R. Lampert. **In Preparation.****
- 18-I: The relationship between the number of ICD implants performed in a hospital and the risk of short-term adverse events. H. Hlatky. **In Preparation.****
- 28-I: Regional Variations of Implantable Cardioverter-Defibrillators Placed for the Primary Prevention of Sudden Cardiac Death. D. Matlock and F. Masoudi. **In Preparation.****
- 36-I: Distribution of Risk and Potential Benefit of ICDs among primary prevention patients in the US. V. Tsai. **In Preparation.****
- 38-I: Physician Attitudes towards Implantable Cardioverter-Defibrillator Therapy for the Primary Prevention of Sudden Cardiac Death. D. Matlock. **In Preparation.****
- 41-: Prevalence and Predictors of “Off-label” Use of Cardiac Resynchronization Therapy in Patients Enrolled in the NCDR ICD Registry. M. Reynolds. **In Preparation.****
- 42-I: ICD Implant-Related Bleeding in the Era of Dual Antiplatelet Therapy. W. Maisel. **In Preparation****
- 43-I: Propensity Score Model for Acute Procedural Complications with ICD Implantation in the inpatient or outpatient setting. D. Haines. **In Preparation.****
- 49-I: Implantable Cardioverter-Defibrillator Implantation in Elderly Patients who Receive Defibrillators for Primary Prevention: Appropriateness and Complications. V. Tsai. **In Preparation. **In Preparation.******
- 51-I: System Level Contributions to Racial Disparities in CRT-D implantation among patients in the NCDR registry. S. Farmer. **In Preparation.****
- 59-I: Increased BNP is Associated with Increased In-hospital mortality or cardiac arrest in Patients after ICD Implantation. S. Wei. **In Preparation.****
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## [TOC](#)

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## TOC

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