2014 SVS Annual Meeting VQI Presentations:

**Five-Year Stroke Rate after CEA versus CAS in the Vascular Quality Initiative**
Philip P. Goodney¹, Brian W. Nolan³, David H. Stone¹, Benjamin S. Brooke², Randall R. De Martino³, Jessica Wallaert¹, Thomas Curran⁴, Marc L. Schermerhorn⁴, Jack L. Cronenwett¹.
1 Section of Vascular Surgery, Dartmouth-Hitchcock Medical Center, Lebanon, N.H.; 2 University of Utah, Salt Lake City, Utah; 3 Mayo Clinic, Rochester, Minn.; 4 Beth Israel Deaconess, Boston, Mass.

**Open Repair of Asymptomatic Popliteal Artery Aneurysms Is Associated with Better Outcomes than Endovascular Repair: A Review of the VQI Database**
Mohammad H. Eslami¹, Denis Rybin⁵, Gheorghe Doros⁵, Alik Farber¹.
1 Division of Vascular Surgery, Boston University School of Medicine, Boston, Mass.; 2 Division of Biostatistics, Boston School of Public Health, Boston, Mass.

**In Patients Stratified by Preoperative Risk, Endovascular Repair of Ruptured Abdominal Aortic Aneurysms Has a Lower In-Hospital Mortality and Morbidity than Does Open Repair**
Mujtaba Ali¹, Julie Flahive⁵, Andres Schanzer¹, Jessica P. Simons¹, Francesco A. Aiello¹, Danielle Doucet¹, Louis M. Messina¹, William P. Robinson¹.
1 Division of Vascular & Endovascular Surgery, University of Massachusetts Medical School, Worcester, Mass.; 2 Center for Outcomes Research, University of Massachusetts Medical School, Worcester, Mass.

**Regional Differences in Patient Selection and Treatment of AAA, Lower Extremity and Carotid Artery Disease in the SVS Vascular Quality Initiative**
Marc L. Schermerhorn¹, Thomas Curran¹, Dominique Buck¹, John C. McCallum¹, Philip P. Goodney², Jason T. Lee³, Joseph R. Schneider⁴, Jack L. Cronenwett².
1 Beth Israel Deaconess Medical Center, Boston, Mass; 2 Dartmouth-Hitchcock Medical Center, Lebanon, N.H.; 3 Stanford University Medical Center, Stanford, Calif.; 4 Vascular and Interventional Program of Central DuPage Hospital, Winfield, Ill.

**Factors that Increase Length of Stay after EVAR in the Vascular Quality Initiative**
Virendra I. Patel¹, Salvatore T. Scali², Marc L. Schermerhorn³, David H. Stone³, Karen Homa⁴, Yuanyuan Zhao⁴, Richard P. Cambria¹, Jack L. Cronenwett⁴.
1 Massachusetts General Hospital, Boston, Mass.; 2 Shands Hospital at the University of Florida, Gainesville, Fla.; 3 Beth Israel Deaconess Medical Center, Boston, Mass.; 4 Dartmouth-Hitchcock Medical Center, Lebanon, N.H.

**Variations in the Practice Patterns of Intra-Operative Completion Imaging for Lower Extremity Bypass in the Vascular Quality Initiative**
Karen Woo, Owen P. Palmer, Vincent L. Rowe, Fred A. Weaver.
Vascular Surgery, University of Southern California, Los Angeles, Calif.
A Comparison of Superficial Femoral Artery Treatment Strategies for Critical Limb Ischemia in the Vascular Quality Initiative


1 Boston Medical Center, Boston, Mass.; 2 Boston University School of Medicine, Boston, Mass.; 3 Boston University School of Public Health, Boston, Mass.; 4 Beth Israel Deaconess Medical Center, Boston, Mass.; 5 University of Massachusetts Memorial Medical Center, Worcester, Mass.; 6 Loma Linda University Medical Center, Loma Linda, Calif.; 7 Brigham and Women’s Hospital, Boston, Mass.

Pre-Operative Beta-Blockers Prior to Major Elective Vascular Surgery Do Not Improve Cardiac Outcomes and May Be Harmful

Salvatore T. Scali†, Daniel W. Neal‡, Daniel J. Bertges§, Karen J. Ho¶, Virendra I. Patel∥, Jens Eldrup-Jorgensen∥∥, Jack L. Cronenwett‡‡, Adam W. Beck§§.

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Participation in the Vascular Quality Initiative (VQI) Is Associated with Improved Perioperative Medication Use and Longer Patient Survival

Randall R. DeMartino†, Jens Eldrup-Jorgensen‡, Andrew W. Hoel§, Adam W. Beck∥, John W. Hallett∥∥, Gilbert R. Upchurch Jr.,6 Jack L. Cronenwett,7 Philip P. Goodney.7

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A Policy of Routine Cardiac Stress Testing Prior to Vascular Surgery Adds Limited Value to Clinical Risk Stratification

Benjamin S. Brooke†, Daniel M. Ihnat†, Ahmed M. Abou-Zamzam Jr.‡, Magdiel Trinidad§, Larry S. Kraiss∥.

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Comparative Effectiveness of Peripheral Vascular Intervention versus Surgical Bypass for Critical Limb Ischemia in the Vascular Study Group of Greater New York