

Vascular Quality Initiative®

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National and Regional Approved Projects List

National			
Primary Investigator	Center	Title	Date
Mohammad Eslami, MD	BMC	Comparison of outcomes after popliteal artery repair: comparison of open vs. endovascular repair	Dec-12
Marc Schermerhorn, MD	BIDMC	Regional Differences in Lower Extremity Peripheral Arterial Disease Management	Dec - 12
Randal DeMartino, MD	DHMC	Variation and intensity of medical therapy in patients undergoing vascular surgery	Feb - 13
Mohammad Eslami, MD	BMC	Derivation of risk factor model predicting adverse outcomes after Carotid Endarterectomy (CEA) using Vascular Study Group of New England (VSGNE) carotid dataset and external validation using the remainder of SVS-PSO dataset	Feb -13
Grace Wang, MD	UPenn	Identifying risk factors for Cerebral reperfusion syndrome will permit patients to be better managed and reduce morbidity.	Feb -13
Thomas Curran, MD and Marc Schermerhorn, MD	BIDMC	Regional Differences in Contemporary Abdominal Aortic Aneurysm, Carotid Disease, and Lower Extremity Peripheral Arterial Disease Management	April - 13
Mark Mewissen, MD	Aurora	Bleeding in patients undergoing percutaneous peripheral vascular intervention	June - 13
Joseph Schneider, MD	Cadence Health	A comparison of Results with Eversion vs. Conventional Carotid Endarterectomy from the Society for Vascular Surgery Vascular Quality Improvement Project	June -13
Vincent Rowe, MD	USC	Completion Imaging During Infra-inguinal Bypass	Aug - 13
Vincent Rowe, MD	USC	The Impact of Vein Harvesting Technique on Wound Complications and Graft Patency after Infra-Inguinal Arterial Bypass	Nov - 13
Jessica Simons, MD	UMASS	Relative Performance of Prediction Models for Amputation Free Survival in Patients Undergoing Lower Extremity Bypass in the United States	Nov - 13
Benjamin Brooke, MD	University of Utah	Variation in the Utilization of Preoperative Cardiac Stress Testing in Vascular Surgery	Dec -13
William Robinson, MD	UMASS	Comparison of Risk-adjusted Outcomes of Endovascular and Open Repair of Ruptured AAA in the Vascular Quality Initiative	Dec - 13
Mar Schermerhorn, MD	BIDMC	Regional Differences in Contemporary Lower Extremity Peripheral Arterial Disease Management	Dec - 13
Alik Farber, MD	Boston University	Comparison of Outcomes between Infrainguinal Bypass and Infrainguinal PVI in patients with Critical Limb Ischemia	Feb -13
Karen Ho, MD	Northwestern	Comparison of aorto-bifemoral bypass, cross-femoral bypass, and combined common femoral endarterectomy with iliac stenting for aorto-iliac occlusive disease using the SVS VQI Registry	Feb - 13
Albeir Mousa, MD	CAMC	Short-term outcomes for Thoracic endovascular aortic repair after blunt traumatic aortic injury	April - 14
Albeir Mousa, MD	CAMC	Perioperative outcomes after CEA for asymptomatic patients in chronic renal insufficiency	April - 14
Karen Woo, MD	USC	The Association of Left Subclavian Artery Coverage without Revascularization and Spinal Cord Ischemia in Patients Undergoing TEVAR	April - 14
Adam Beck, MD and Sal Scali, MD	U of F	Has EVAR explant become increasingly common over time in the VQI, and how do operative outcomes compare to native AAA repair	July - 14
Fred Weaver, MD	USC	The Impact of Abdominal Aorta Exposure Technique on Pulmonary Complications in Patients Undergoing Open Aortic Surgery	July - 14
Thomas Brothers, MD	MUSC	Predicting the Best Therapy for Peripheral Arterial Disease Using the Vascular Quality Initiative	Aug - 14
Robert Steppacher, MD	University of Chicago	The Effect Anti-Platelets and Statins on Peri-Operative and Long Term Outcomes in Dialysis Patients Undergoing Arterial Surgery	Aug - 14

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Andrew Hoel, MD	Northwestern	Understanding Readmissions after Infrarenal Aortic Aneurysm Repair and the Impact on Mortality using the Society for Vascular Surgery Quality Initiative	Oct - 14
Mahmoud Malas, MD	John Hopkins	The Effect of Age on Mortality after Open versus Endovascular Repair of Intact Abdominal Aortic Aneurysms	Oct - 14
Salvatore Scali, MD	U of F	Which Factors are Most Important for Determining Adverse Neurologic Outcomes and/or Mortality after Thoracic Endovascular Aortic Repair in the VQI	Oct - 14
Marc Schermerhorn, MD and Sara Zettervall, MD	BIDMC	Anterior vs. Retroperitoneal Approach for AAA using Matched VQI and Medicare Database	Oct -14
David Stone, MD	DHMC	Association of Clopidogrel and Antiplatelet Therapy with Major Bleeding Complications during Peripheral Arterial Surgery in a National Database	Oct - 14
Fred Weaver, MD	USC	Complications Associated with the use of Parallel Endografts for the Treatment of Paravisceral Aortic Aneurysms	Oct - 14
Karen Woo, MD	USC	Practice Patterns in Hemodialysis Access and Effect on Maturation	Oct - 14
Adam Beck, MD	U of F	The Physician Quality Reporting System and the Vascular Quality Initiative; How Often do Vascular Surgery Patients Meet the Quality Measures Outlined by the Centers for Medicare and Medicaid Services and are these Reasonable Measures to Follow	Oct - 14
Marc Schermerhorn, MD and Peter Soden, MD	BIDMC	Long-Term Comparison of Endovascular versus Open AAA Repair using Matched VQI-Medicare Database	Oct - 14
Marc Schermerhorn, MD	BIDMC	Regional Differences in Contemporary Carotid Disease Management	Dec -14
Marc Schermerhorn, MD	BIDMC	Regional Differences in Abdominal Aortic Aneurysm Repair	Dec - 14
Marvin Atkins, MD	Baylor Scott	Comparison of Outcomes of Alternative Conduits for Infringuinal Lower Extremity Bypass in Critical Limb Ischemia	Dec - 14
Donald Baril, MD	UMPC	The Risk Stratification and Impact of Respiratory Adverse Events after Major Vascular Surgery on Short-Term and Long-Term Patient Outcomes	Dec - 14
Jeffery Kalish, MD	BMC	Groin Hematoma rates following Routine versus Selective Ultrasound Guidance in Femoral Arterial Access for Peripheral Vascular Intervention	Dec - 14
Devin Zarkowsky, MD	DHMC	Outcomes and Factors Associated with Patients Requiring Dialysis After EVAR	Dec - 14
Matthew Mell, MD	Stanford	Variation in Access Site Approaches and Access Site Complications for Peripheral Vascular Interventions	Dec - 14
Alik Farber, MD	BMC	Comparison of Outcomes between Infringuinal Bypass and Infringuinal PVI in patients with Critical Limb Ischemia	Dec - 14
Javairiah Fatima, MD	UFL	Amputations and other major adverse lower extremity events after bypass and lower extremity intervention for claudication	Feb - 15
Karen woo, MD	USC	Tibial Endovascular Interventions in the Vascular Quality Initiative	Feb - 15
Mohmoud Malas, MD	John-Hopkins	Pre- and Post- Stent Angioplasty during Carotid Artery Stenting and its Effect on Stroke and Restenosis	April -15
Ramoncito David, MD	Mayo	Implications of early extubation after elective open open abdominal aortic vascular surgery	April - 15
Marc Schermerhorn, MD	BIDMC	Racial differences within regions across the VQI, in patient selection/presentation, treatment, and outcomes for carotid, abdominal aortic, and lower extremity vascular disease	April - 15
Karen Woo, MD	USC	Acute Kidney Injury in Lower Extremity Bypass	April - 15
Mohmoud Malas, MD	John - Hopkins	Outcomes Following Carotid Endarterectomy and Carotid Artery Stenting in Patients with Prior Carotid Revascularization	April -15
Edward Arous, MD	UMASS	National Carotid Stenosis Variation	April -15
Daniel J. Bertges, MD	UVM	Variation in Antiplatelet and Statin Therapy after Postoperative Myocardial Infarction following Vascular Surgery	June - 15
Rebecca Kelso, MD	CCF	Analysis and comparison of carotid endarterectomy patch materials and incidence of restenosis	June - 15
Nathan Liang, MD	UMPC	Effects of Postoperative Anticoagulation on Infringuinal Bypass Patency	June - 15
Marc Schermerhorn, MD and Sara Zettervall, MD	BIDMC	Long Term Outcomes and Trends in Re-intervention among Patients with Type 2 Endoleaks	June - 15

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Joseph Schneider, MD	Cadence Health	A comparison of Results of Carotid Endarterectomy in Octo- and Nonagenarians to Younger Patients from the Society for Vascular Surgery Vascular Quality Initiative	June -15
Jesus Ulloa, MD	UCLA	The association between payer status and in-hospital mortality and use of post-acute care facilities after aortic aneurysm repair, supra-inguinal bypass, infra-inguinal bypass and peripheral vascular intervention, outcomes from the VQI	June - 15
Christopher Abularrage, MD	John Hopkins	Comparison of Outcomes After Bypass versus Peripheral Vascular Intervention At and Below the Knee for Critical Limb Ischemia	June – 15
Ahmed Abou-Zamzam, MD	Loma Linda University MC	Variations in smoking habits in patients undergoing treatment for intermittent claudications	Aug - 15
Mohmoud Malas, MD	John – Hopkins	Patterns of Presentation and Outcomes of Dialysis Patients Treated for Peripheral Arterial Disease in the VQI	Aug - 15
Jeffery Siracuse, MD and Alik Farber, MD	BMC	Comparison of Open and Endovascular Treatment of Patients with Critical Limb Ischemia with tissue loss and impaired functional status (addendum)	Aug - 15
Mohammad H. Eslami, MD	BMC	External validation of the VSGNE risk predictive model of mortality after elective AAA repair on the VQI-VSGNE patients and comparison against established models.	Aug - 15
Mohammad H. Eslami, MD	BMC	External validation of VSGNE risk predictive model of early failure among the patients with the first time AV fistula	Aug - 15
Dejah Judelson, MD	UMASS	Predictors of Loss to Follow Up in the Vascular Quality Initiative	Aug - 15
Elizabeth Genovese, MD	UPMC	Outcomes of Stent Grafts compared to Bare Metal Stents for the Treatment of Aortoiliac Occlusive Disease; Factors Influencing Patency of Common Iliac Artery Stents including Medical Management	Aug- 15
Raghuveer Vallabhaneni, MD	UNC	Active Smoking and Its Impact on Lower Extremity Revascularization	Aug - 15
Daniel Clair, MD	Cleveland Clinic	Association between antiplatelet therapy and bleeding complications in open aortic aneurysm repair	Aug - 15
Thomas Brothers, MD	MUSC	Do African American Patients Experience Better Survival after Intervention for Peripheral Arterial Disease?	Oct -15
Rumi Faizer, MD	UMN	A comparison of outcomes of EVAR for ruptured Abdominal Aortic Aneurysm repair under local anesthesia versus general anesthesia	Oct - 15
Matthew Mell, MD	Stanford	Comparison of femoral endarterectomy plus open versus endovascular inflow reconstruction for severe aortoiliac occlusive disease	Oct - 15
Jeffery Siracuse, MD	BMC	Endovascular treatment of common and deep femoral artery disease	Oct - 15
Christopher Smolock, MD	CCF	Analysis of patterns and postoperative outcomes of drain placement during carotid endarterectomy.	Oct - 15
Jean Starr, MD	OSUMC	Disparities in characteristics, treatment, and outcomes in patients with premature peripheral arterial disease undergoing lower extremity bypass and endovascular intervention.	Oct -15
Ahmed Abou-Zamzam, MD	Loma Linda University MC	Long-term outcomes following major lower extremity amputation in the VQI	Dec - 15
Ahmed Abou-Zamzam, MD	Loma Linda University MC	Perioperative outcomes following major lower extremity amputation in the VQI	Dec - 15
Dr Alfio Carroccio, Dr Allan Conway	NSHS	Endovascular repair of chronic type B aortic dissections: does increasing aortic zone coverage affect the rate of false lumen thrombosis?	Dec - 15
Marc Schermerhorn, MD; Sarah Deery	BIDMC	Sex Differences following TEVAR	Dec - 15
Angela A. Kokkosis, MD	Stony Brook	Peripheral Arterial Disease in Women	Dec - 15
Larry Kraiss, MD and Benjamin Brooke, MD	Utah	Assessment of Frailty on Vascular Surgery Outcomes	Dec - 15
Matthew W. Mell, MD	Stanford	Evaluating the potential regional effect on variations in length of stay following carotid endarterectomy	Dec - 15
Shipra Arya MD, SM	Emory	Frailty as a predictor of surgical outcomes in vascular surgery patients	Dec - 15
William P. Robinson, MD	University of Virginia	Trends in Utilization and the Volume-Outcome Relationship in Lower Extremity Bypass in the VQI	Dec - 15
George Lee, MD	Stanford	Modified frailty index as a predictor of adverse surgical outcomes in patients undergoing lower extremity bypass	Dec - 15

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Fred A Weaver MD	USC	Comparison of embolic protection devices used during carotid artery stenting	Dec - 15
Donald T. Baril, MD	UPMC	The Risk Stratification and Impact of Respiratory Adverse Events After Major Vascular Surgery on Short-Term and Long-Term Patient Outcomes	Feb - 16
Nathan L. Liang	UPMC	Comparative Outcomes of Open and Endovascular Aneurysm Repair in Young Patients	Feb -16
Evan Ryer	Geisiner	Outcomes of familial abdominal aortic aneurysm repair in the Vascular Quality Initiative®	Feb -16
Marc Schermerhorn MD & Peter Soden MD	BIDMC	Morbidity and mortality associated with Symptomatic Abdominal Aortic Aneurysms	Feb - 16
Marc Schermerhorn	BIDMC	Gender differences in patients undergoing carotid endarterectomy and stenting	April - 16
Christopher Healey	MMC	Predicting Mortality in Ruptured Abdominal Aortic Aneurysms in the Endovascular Era	April - 16
Devin Zarkowsky	DHMC	EVAR Outcomes by Era	April - 16
Caitlin Hicks	JHH & DHMC	Comparison of EVAR Outcomes by Follow-up Method	April - 16
Randall De Martino	Mayo Clinic	Variation and intensity of medical therapy DAPT Addendum	April - 16
Pater Lawrence	UCLA	Practice patterns and outcomes of endovascular interventions vs open bypass for claudication	April - 16
Zachary Osborne	Mary Clinic	Variations in transfusion practices and their associations with perioperative adverse events in the Vascular Quality Initiative	April - 16
Jeffery Siracuse	BMC	The effect of operative day of the week on postoperative length of stay and mortality for vascular surgery patients	April - 16
Mahmoud Malas	John- Hopkins	The Association between Medicare High Risk Criteria and Outcomes following Carotid Revascularization Procedures	June - 16
Marc Schermerhorn	BIDMC	Use of TEVAR for Traumatic Thoracic Aortic Injury	June - 16
Virendra Patel	MGH	The practice of complex open AAA repair and using snorkel and fenestrated grafts. Predictors of utilization, early and late outcomes and interventions, and survival	June - 16
Virendra Patel	MGH	The Effect of Intraoperative Protective Adjuncts during Complex Open AAA Repair in the Vascular Quality Initiative	June - 16
Jeffrey Siracuse	BMC	Comparison of anesthesia type on perioperative and long term outcomes after percutaneous EVAR	June - 16
Alike Farber and Tze-Woei Tan	BMC and SUHSC	One-stage versus two-stage brachial basilic transposition arteriovenous fistula	Aug - 16
Ryan Svoboda	DHMC	The Effect of Antiplatelet Regimen on Target Lesion Patency following Superficial Femoral Artery Stent Placement	Aug - 16
Thomas Wakefield and Danielle Sutzko	University of Michigan	Investigating the effects of age, gender, ethnicity and patient factors on outcomes of venous procedures within the VQI	Aug - 16
Jeffrey Siracuse	BMC	Comparison of percutaneous, transverse open femoral, vertical open femoral and iliac access in EVAR patients	Aug - 16
Jeffrey Siracuse	BMC	Analysis of outcomes between tapered and non-tapered grafts for upper extremity dialysis access	Aug - 16
Jesse Columbo	DHMC	Surveillance Using Conservative Duplex Criteria Compared to Revascularization in Carotid Stenosis	Aug - 16
Nicholas Osborne	University of Michigan	Readmission following lower extremity bypass and peripheral vascular interventions for patients with PAD	Aug - 16
Sukgu Han	USC	Comparative outcomes after celiac artery incorporation and coverage during thoracic endovascular aortic aneurysm repair	Oct - 16
Jessica Simons, MD	UMASS	Factors Contributing to Steal Syndrome after Placement of Hemodialysis Access	Oct - 16
Marc Schermerhorn and Sara Deery	BIDMC	Aortic Size Index as a Threshold for Repair in Abdominal Aortic Aneurysms	Oct - 16
Fred Weaver	USC	Pre-operative hemoglobin A1c levels and surgical outcomes in diabetic patients undergoing lower extremity bypass surgery	Oct - 16
Rumi Faizer	UMN	Association of pre-operative ABI and severity of symptoms of PAD	Oct - 16
Emily Spangler, MD	UABMC	Examination of Abdominal Exploration and Return to OR in Ruptured Abdominal Aortic Aneurysm Repair	Oct - 16

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Alfio Carroccio, MD	NSHS	IVC filter thrombosis in obesity	Dec - 16
Alfio Carroccio, MD	NSHS	Patency of Forearm Arteriovenous Fistulas in Octogenarians	Dec - 16
Vincent Rowe, MD	USC	The effect of ACE inhibitors and ARBs on outcomes of lower extremity bypass	Dec - 16
William Robinson, MD	UMass	The Utilization of Novel Anticoagulants After Infrainguinal Bypass and Impact on Outcomes In the VQI	Dec - 16
Mahmoud Malas, MD	John-Hopkins	Determinants of Same-Day, Early versus Late Discharge and The effect of Discharge Patterns on Mortality and Readmission Following Elective EVAR	Dec - 16
Jessica Simons, MD	UMASS	Practice Patterns of Atherectomy	Dec - 16
Faisal Aziz, MD	Penn State	Impact of a Center's Volume of Ruptured Infraarenal Aortic Aneurysm Surgery on the Outcomes of Ruptured Infraarenal Aortic Aneurysms	Dec - 16
Jeffrey Siracuse, MD	BMC	EVAR in dialysis patients	Dec - 16
Jeffrey Siracuse, MD	BMC	Retrograde popliteal approach for recanalization of superficial femoral artery	Dec - 16
Thomas Maldonado, MD	NYU	A comparison of the incidence of ischemic complications between FEVAR and standard EVAR	Dec - 16
Nicole Kennedy, MD	Henry Ford	The incidence of EHIT in the Era of Endovenous Ablation Technology	Feb - 17
Michael Sgroi, MD	Stanford	The effects of the type of anesthesia on perioperative outcomes for infrainguinal bypass	Feb - 17
Marc Schermerhorn, MD	BIDMC	Effect of Preoperative Statin Therapy on Outcomes following Abdominal Aortic Aneurysm Repair	Feb - 17
Marc Schermerhorn, MD	BIDMC	Predictors of intraoperative versus post-procedural strokes after carotid revascularization	Feb - 17
Mahmoud Malas, MD	John Hopkins	Impact of Obesity On Outcomes Of Aortic Aneurysm Repair	Feb - 17
Mahmoud Malas, MD	John Hopkins	Comparison of Outcomes of General and Local/Regional Anesthesia in Carotid Artery Stenting and Carotid Endarterectomy	Feb - 17
Alik Farber, MD	BMC	Length of Stay After Carotid Endarterectomy in Safety Net Vs Non-Safety Net Hospitals	Feb - 17
Han Sukgu, MD	Keck Medical Center - USC	Comparison of outcomes associated with subcutaneous versus subfascial tunneling in single-segment GSV infra-inguinal bypass for critical limb ischemia	April - 17
Marc Schermerhorn, MD	BIDMC	Patient selection, perioperative morbidity and long-term mortality following elective AAA repair based on diameter thresholds	April - 17
Elizabeth Blazick, MD	MMC	The Impact of Patch Material on Re-stenosis Rates for Carotid Endarterectomy	April - 17
Thomas Wakefield, MD	University of Michigan	Clinical outcomes (VCSS and PROs) after varicose vein procedures in octogenarians within the Vascular Quality Initiative Varicose Vein Registry.	April - 17
Kristina Giles, MD	U of F	Evaluating National Quality and Outcomes Reporting for Elective AAA Repair	April - 17
Daniel Bertges, MD	UVMMC	Drug coated balloons for treatment of femoral-popliteal arterial occlusive disease	April - 17
Daniel Bertges, MD	UVMMC	Comparison of drug eluting versus bare metal stents for treatment of femoral-popliteal artery lesions	April - 17
Abhisekh Mohapatra, MD	University of Pittsburgh	A contemporary evaluation of endovascular therapies for femoropopliteal arterial disease	April - 17
Mahmoud Malas, MD	John Hopkins	Effect of Anemia on Postoperative Outcomes of Elective Abdominal Aneurysm Repair	April - 17
Mahmoud Malas, MD	John Hopkins	Role of Lesion Length on Outcomes Following Carotid Artery Stenting	April - 17
Mahmoud Malas, MD	John Hopkins	The Role of Antiplatelet therapy in The Durability of Hemodialysis Access	April - 17
Nicholas Osborne, MD	University of Michigan	Clinical outcomes (VCSS and PROs) after Isolated Thermal Ablation versus Combined Thermal Ablation within the Vascular Quality Initiative Varicose Vein	April - 17
Brad Johnson, MD	U of F	Temporal Trends in the Presentation, Treatment and Outcomes of Carotid Revascularization in the Vascular Quality Initiative	April - 17
Thomas Brothers, MD	Medical University of South Carolina	Validation of outcomes model for lower extremity ischemia	April - 17
William D. Clouse, MD	MGH	Characterization of Perioperative Contralateral Stroke after Carotid Endarterectomy within VQI	April - 17

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William D. Clouse, MD	MGH	Does Adding Ipsilateral Proximal Endovascular Intervention to CEA Increase the Risk of Stroke?	April - 17
Devin Zarkowsky	DHMC	Resuscitation Strategy's Influence on rAAA Patient Outcomes	June - 17
Virendra Patel	MGH	Aneurysm Sac Expansion and Late Mortality after EVAR	June - 17
Mohammad Eslami	Boston Univ. Sch. of Public Health	Derivation and validation of a risk predictive model of in-hospital mortality after AAA repair for ruptured or symptomatic AAA	June - 17
Nathan Liang	Univ. of Pittsburgh MC	Comparison of Modeling Methods for the Prediction of Perioperative Cardiac Risk in Vascular Surgery Patients	June - 17

VSGNE			
Primary Investigator	Center	Title	Date
William Robinson, MD	UMass	Predictors of Mortality after Repair of Ruptured Abdominal Aortic	Nov- 09
Jeff Kalish	BMC	The Significance of Intra-Operative Completion Studies following LEB	Dec - 09
David Stone	DHMC	Clopidogrel is Not Associated with Major Bleeding Complications During Peripheral Arterial Surgery	May -10
Jessica Wallaert	DHMC	Impact of Completion Imaging in CEA	May -10
Phil Goodney	DHMC	Functional Outcomes of Amputation following LEB	May -10
Phil Goodney	DHMC	Shunt Use in CEA	May -10
Phil Goodney	DHMC	ICA Re-exploration during CEA	May - 10
Phil Goodney	DHMC	Changes in Patient Selection in LEB in New England	May - 10
Chris Healey	MMC	The Effect of Coumadin on Endoleak Development after EVAR	Jan - 11
Dave Kuwayama	DHMC	Length of Stay in the VSGNE Cohort	Feb - 11
Julie Adams	FAHC	Gender Differences in LEB	Feb -11
Jessica Simons	UMASS	Major Adverse Limb Events Associated with LEB for Claudication	Feb -11
Jeff Kalish	BMC	Outcomes Related to Blood Transfusion After LEB	April - 11
David Stone	DHMC	Impact of COPD on Open AAA Repair	April - 11
Randy De Martino	DHMC	Outcomes of Ruptured AAA Repair in the VSGNE	April - 11
Donald Baril	UMASS	Contralateral Amputation as a Predictor of Outcome after LEB	April - 11
Alik Farber	BMC	Dextran Infusion during CEA with peri-op Outcome	June - 11
Danny Bertges	FAHC	PVI for Critical Limb Ischemia within the VSGNE	June - 11
James McPhee	Brigham	Vein cuff in below knee prosthetic grafts	July - 11
Marc Schermerhorn	BIDEAC	Gender Differences in AAA	Oct - 11
Marc Schermerhorn	BIDEAC	Gender Differences in Carotid Interventions	Oct - 11

Ben Brooke	DHMC	Analysis of Variation in Use of Renal Protection in PVI	Oct - 11
Jessica Wallaert	DHMC	Predicting long-term mortality in patients undergoing asymptomatic carotid endarterectomy	Oct - 11
Randy De Martino	DHMC	Long Term Survival Following AAA	Oct - 11
V. Patel	MGH	Evolution of Technique and Outcomes for Juxtarenal/Complex AAA	Oct - 11
Phil Goodney	DHMC	Trends in re-intervention before index bypass	Nov - 11
Jessica Simons	UMASS	Myocardial Infarction as a Predictor of Long-Term Mortality	Nov - 11
Phil Goodney	DHMC	Perioperative Statin Use in Patients Undergoing LEB or PVI	Dec - 11

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Daniel Bertges	Fletcher Allen	Observed vs. Expected rates for Post-Op MI	Dec - 11
Marc Schermerhorn	BIDEAC	Graft durability and reinterventions with open AAA repair vs. EVAR	Dec -11
Daniel Bertges	FAHC	Impact of VSGNE research on contemporary practice	Feb -12
Marc Schermerhorn	BIDEAC	Aortic size index and gender differences in management and outcomes of AAA repair	Feb -12
Jeffrey Kalish	BMC	Femoral Access and Bleeding Complications during Peripheral Vascular Interventions	April - 12
Alik Farber	BMC	The Effect of IV Hypo/Hypertensive Meds after Carotid Intervention	April - 12
Donald Baril	UMASS	Outcomes of lower extremity bypass performed for acute limb ischemia	April - 12
David Stone, MD	DHMC	Protamine reduces bleeding complications associated with carotid endarterectomy without increasing the risk of stroke.	April - 12
Marc Schermerhorn	BIDMC	Treatment of patients with restenosis after CEA: Redo-CEA vs. CAS	May -12
Marc Schermerhorn	BIDMC	Predictors of Type II Endoleak and their Association with Adverse Outcomes	May -12
Daniel Bertges	FAHC	Development and validation of the Vascular Quality Initiative Cardiac Risk Calculator	May -12
V. Patel, MD	MGH	Predictors of postoperative renal dysfunction and its impact on peri-operative and late survival	May -12
Daniel Bertges	FAHC	Impact of Gender on Outcomes of Peripheral Vascular Interventions	June -12
Andrew Stanley	FAHC	Creating a bedside tool integrating hospital cost in clinical decision analysis.	July -12
Mohammad H. Eslami	BMC	Comparison of outcomes after popliteal artery repair: comparison of open vs. endovascular repair.	July -12
V. Patel, MD	MGH	Predictors and impact of aneurysm sac behavior following EVAR for AAA	Aug - 12
Marc Schermerhorn	BIDMC	Carotid revascularization and impact of degree of the contralateral artery	Sep -12

VSGNE			
Primary Investigator	Center	Title	Date
Marc Schermerhorn, MD	BIDMC	Gender-based post-operative anesthesia management and outcomes in AAA patients	Sep -12
Randall DeMartino	DHMC	Variation and intensity of medical therapy in in patients undergoing vascular surgery procedures	Oct - 12
Marc Schermerhorn	BIDMC	Regional differences in carotid artery disease treatment and outcome	Dec - 12
Marc Schermerhorn	BIDMC	Regional Differences in Lower Extremity Peripheral Arterial Disease Management	Dec - 12
Marc Schermerhorn	BIDMC	Regional Differences in AAA Management	Dec - 12
Phil Goodney	DHMC	Comparison of effect of symptom status on perioperative stroke following carotid revascularization between the SVS Vascular Registry and the VSGNE	Dec - 12
Mohammed Eslami	BMC	Evaluation of risk prediction models for elective abdominal aorta aneurysm repair on the VSGNE patients	Feb - 13
Alik Farber	BMC	Comparison of Outcomes between Infrainguinal Bypass and Infrainguinal PVI in patients with Critical Limb Ischemia	April - 13
Meghan Dermody, MD	Tufts	Incidence, complications, and outcomes of patients less than 50 years old undergoing open vascular surgery for atherosclerotic occlusive disease	April - 13
Donald Baril	UMASS	Trends in preoperative imaging for lower extremity bypass and the impact on clinical outcomes	June - 13
Jeffrey Indes, MD	Yale	Outcomes of Carotid Endarterectomy based on anesthesia type	June - 13
Jeffrey Indes, MD	Yale	Is "Unfit for Open Repair" true? A validation in open surgical patients.	June - 13

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Alik Farber, MD	BMC	Type I and III Endoleak after endovascular aneurysm repair	July - 13
Jeffery Kalish, MD	BMC	Wound Infection following LEB	July -13
Jessica Simons, MD	UMASS	Relative Performance of Prediction Models for Amputation Free Survival Using National Data	Aug - 13
Mohammed Eslami, MD	BMC	Tapered vs Straight AVG	Sep - 13
Virendra Patel, MD	MGH	Impact of CKD on early and late outcomes following EVAR and open AAA repair	Oct - 13
Virendra Patel, MD	MGH	The Impact of Hemodynamic Changes following PVI and LEB	Jan - 14
Edward Arous, MD	UMASS	National Carotid Stenosis Variation	Jan - 14
Andrea Steely, MD	FAHC	ACE inhibitors/ARBs and lower extremity peripheral vascular disease	April - 14
Dejah R. Judelson, MD	UMASS	Determinants of follow-up failure in patients enrolled in the VSGNE	Aug - 14
Cassius Iyad, Ochoa Chaa, MD	YALE	Distal embolization during peripheral vascular intervention	Aug - 14
Marc Schermerhorn MD & Sara Zettervall MD	BIDMC	EVAR outcomes categorized by aortic endograft brand	Aug - 14
Marc L. Schermerhorn, MD & Dominique Buck, MD	BIDMC	Outcomes of complex AAA repair with Chimney endografts	Aug - 14
Marc L. Schermerhorn, MD & Dominique Buck, MD	BIDMC	Outcomes for Complex AAA repair with fenestrated graft	Aug - 14
Jeffery Syracuse	BMC	Comparative effectiveness of endovascular versus open repair of abdominal aortic aneurysms in low risk patients.	Sep - 14
Elica Inagaki, MD	BMC	Clinical outcomes of peripheral vascular intervention performed for acute limb ischemia of the lower extremities	Sep -14
Karina Newhall	DHMC	Completion Imaging and reoperation for bleeding over time among patients undergoing Carotid Endarterectomy	Oct - 14
Marc Schermerhorn MD & Peter Soden MD	BIDMC	Long-term comparison of Endovascular versus open AAA repair using matched VQI-Medicare database	Oct -14
Andrea Steely	VTMEDNET	A quality initiative to improve glycemic control in diabetic and non-diabetic patients after vascular surgery	Nov - 14
Devin S. Zarkowsky	DHMC	Outcomes and Factors Associated with Patients Requiring Dialysis After EVAR	Dec - 14
Mohammad H. Eslami, MD	BMC	Effects of time to surgery among patients with symptomatic carotid artery stenosis.	Dec - 14
Marc Schermerhorn MD	BIDMC	Concomitant procedures during open and endovascular abdominal aortic aneurysm repair	Dec - 14
Robert Patterson, MD	Brown	Efficacy of cerebral monitoring techniques during CEA	Mar - 15
Robert Patterson, MD	Brown	Drain placement following CEA	Mar - 15
Marc Schermerhorn MD & Sara Zettervall MD	BIDMC	Long Term Outcomes and Trends in Re-intervention among Patients with Type 2 Endoleaks	Mar - 15
Andrea Steely, MD	VTMEDNET	Variation in Optimal medication therapy use after postoperative myocardial infarction following vascular surgery	April - 15
WD Clouse	Partners	The Impact of Adding Ipsilateral Proximal Endovascular Intervention to CEA	May - 15
William Mackey	Tufts	Changing Characteristics of EVAR candidates	May -15

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Christopher Healey, MD	MMC	Validation of University of Washington Preoperative Risk Score for the Prediction of Mortality following Repair of Ruptured Abdominal Aortic Aneurysms	July - 15
Sarah E. Deery MD & Marc Schermerhorn MD	BIDMC	Gender Differences in TEVAR	Aug-15
Marc Schermerhorn MD & Sara Zettervall MD	BIDMC	Predictors of Respiratory Complications following AAA repair	Aug- 15
Marc Schermerhorn MD & Peter Soden MD	BIDMC	What is the added morbidity and mortality of a concomitant endarterectomy in lower extremity revascularization	Aug- 15
Marc Schermerhorn MD & Robina Matyal MD	BIDMC	Predictors of Intraoperative transfusion during Endovascular abdominal Aortic Repair (EVAR)	Sep- 15
Jeffrey Siracuse, Alik Farber	BMC	Endovascular treatment of common and deep femoral artery disease	Sep - 15
Jeffrey Siracuse and Kathryn Van Orden	BMC	Comparison of anesthesia type on perioperative and long term outcomes after percutaneous EVAR	Dec - 15
Marc Schermerhorn MD & Katie Shean MD	BIDMC	Incision Direction and its Effect on Post-Operative Outcomes Following Infrainguinal Bypass	Dec-15
Mohammad H. Eslami, MD	BMC	A Comparison of Outcomes of Different Open Operations for Aortoiliac Occlusive Disease	Dec - 15
Jeffrey Siracuse	BMC	Comparison of access type on perioperative and long term outcomes after EVAR	Dec - 15
Marc Schermerhorn MD & Sarah Deery MD	BIDMC	Use of TEVAR for Descending Thoracic Aortic Dissection	Dec - 15
Marc Schermerhorn MD & Sarah Deery MD	BIDMC	Use of TEVAR for Traumatic Thoracic Aortic Injury	Dec - 15
Marc Schermerhorn MD & Peter Soden MD	BIDMC	Morbidity and mortality associated with Symptomatic Abdominal Aortic Aneurysms	Dec - 15
Alan Dietzek, Stuart Blackwood, Zachary Phillips	Danbury Hospital	Post-operative Surveillance after EVAR	Dec - 15
Alan Dietzek, Ioannis Kontopidis	Danbury Hospital	Size of AAA at the time of EVAR. Indications and outcomes of repair of small aneurysms.	Dec - 15
Marc Schermerhorn MD & Douglas Lones MD	BIDMC	The effect of aneurysm diameter on perioperative complications and mortality following elective AAA repair	Jan - 16
Ryan Svoboda	DHMC	Dual-antiplatelet Therapy with Aspirin and Clopidogrel versus Aspirin Monotherapy following Superficial Femoral Artery Stent Placement	Jan -16
Jeffrey Siracuse, MD	BMC	The effect of operative day of the week of elective procedures on length of stay and mortality for vascular surgery patients.	Mar - 16
Daniel Bertges	VTMEDNET	Use of the Vascular Study Group of New England for Resident and Fellow Quality Assurance and Improvement Reporting	Mar - 16
Daniel Bertges	VTMEDNET	Vascular resident assistance at surgery and outcomes	Mar - 16
David Stone and Douglas Jones	DHMC & BIDMC	The Impact of Ongoing Smoking on Lower Extremity Bypass for Claudication	April – 16
Marc Schermerhorn and Katie Shean	BIDMC	Incision Direction and its Effect on Post-Operative Outcomes Following Infrainguinal Bypass	April – 16
Marc Schermerhorn & Sarah Deery	BIDMC	Aortic Size Index as a Threshold for Repair in Thoracic and Abdominal Aortic Aneurysms	April - 16
Christopher Healey, MD, Michael Neilson, MD, and Vincent Noori, MD, Brian Nolan, MD, Elizabeth Blazick, MD	MMC	The Impact of Patch Material on Re-stenosis Rates for Carotid Endarterectomy	July - 16
Jessica Simons MD MPH	UMASS	Early complications of hemodialysis access	July - 16

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Jeffrey Siracuse, Mohammad Eslami	BMC	Difference in outcomes between tapered and non-tapered grafts for upper extremity dialysis access	July- 16
Jeffrey Siracuse, Virendra Patel	BMC	Open AAA And EVAR in dialysis patients	July- 16
Jeffrey Siracuse	BMC	Retrograde popliteal approach for recanalization of superficial femoral artery	July - 16
Mark Conrad, MD., Richard Cambria, MD., Dave Stone, MD.	DHMC, BIDMC	Outcomes of Carotid Endarterectomy in Patients with Prior Neck Radiation.	Aug - 16
Jesse A Columbo, Philip P Goodney, Mark F Fillingier	DHMC	Surveillance Using Conservative Duplex Criteria Compared to Revascularization in Carotid Stenosis	Sept - 16
Alik Farber, MD. Jeffery Siracuse, MD. Steven Pike, MD.	BMC	The Effect of Socioeconomic Status on Carotid Endarterectomy Length of Stay	Sept - 16
Marc Schermerhorn and Alexander Pothof	BIDMC	Predictors of intraoperative versus post-procedural strokes after carotid revascularization.	Oct – 16
Marc Schermerhorn and Thomas Bodewes	BIDMC	Associated Risk of Preoperative Anemia in Patients undergoing Lower Extremity Bypass Surgery	Oct- 16
Jessica Simons	UMASS	Practice patterns of Atherectomy	Oct - 16
Karina Newhall, Md	DHMC	Survival after lower extremity amputation in the modern era	Dec - 16
Daniel Bertges, MD	VTMEDNET	International Practice Patterns of Revascularization for Peripheral Arterial Disease	Dec - 16
Matthew Alef	VTMEDNET	Comparison of embolic protection devices utilized in carotid stenting procedures.	Jan - 17
Thomas FX O'Donnell MD & Marc Schermerhorn MD	BIDMC	Effect of Preoperative Statin Therapy on Outcomes following Abdominal Aortic Aneurysm Repair	Jan - 17
Daniel Bertges, MD	VTMEDNET	Comparison of drug eluting versus bare metal stents for treatment of femoral popliteal artery lesions	Feb - 17
Daniel Bertges, MD	VTMEDNET	Comparison of drug coated balloons for treatment of infrainguinal arterial occlusive disease	Feb – 17
Christopher Healey, MD, Jens Eldrup-Jorgensen, M.D., and Vincent Noori, MD, Brian Nolan, MD	MMC	Comparison of major adverse event rates following elective EVAR in the VSGNE using a novel measure of complication severity.	April - 17
Marc Schermerhorn MD & Alexander Pothof MD	BIDMC	Impact of Timing of Carotid Revascularization after Preprocedural Neurological Symptoms in Symptomatic Patients.	April - 17
Michael Belkin, MD, Jens Eldrup-Jorgensen, MD, Gaurav Sharma, MD	MMC	The Volume-Outcome Relationship for Open Abdominal Aortic Aneurysm Repair in the Modern Era: Guiding Volume Thresholds with “Real World” Practice Patterns	April - 17
Marc Schermerhorn MD & Alexander Pothof MD	BIDMC	Influence of operator and hospital volume on outcomes after carotid interventions.	April - 17
Carolina's VSG			
Thomas Brothers, MD	MUSC	Predicting the Best Therapy for Peripheral Arterial Disease Using the Vascular Quality Initiative	Nov - 13
Raghuvver Vallabhaneni, MD	UNC	Evaluation of the impact of smoking on lower extremity revascularization for claudicants	May - 14
Great Lakes VSG			
Starr, Jean	OSU	Opportunities for outcomes improvement after infrainguinal bypass exist within the GLVSG	Jan - 16
Mid-Atlantic VSG			

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Ralph P. Ierardi MD	Christiana Care	Variables associated with shortened length of stay following elective carotid endarterectomy	July -16
Mid-America VSG			
Ravishankar Hasanadka	SIU	Access Site Complications Following Ultrasound Guidance in Transfemoral Arterial Access in the Mid-America Vascular Study Group	Sep - 16
SoCalVOICE			
Woo, Karen	UCLA	Influence of participation in So Cal VOICE regional study group on quality initiatives	Aug - 14
Woo, Karen	UCLA	Atherectomy in the SoCal VOICE	July-15
SOVONET			
Shutze, William	BSW	Thoracic Endovascular Aortic Repair Risk Model for Adverse Outcomes	Mar - 16
Bala Ramanan	UT Southwest	Influence of gender on outcomes of lower extremity revascularization and amputation	Jan - 17
Virginia's VSG			
Lily E. Johnston, MD	UVA	Use of Antiplatelet Agents in Patients Receiving Lower Extremity Endovascular Interventions	Jan - 13
Albeir Mousa, MD	CAMC	Perioperative outcomes after CEA for asymptomatic patients in chronic renal insufficiency	April - 14
Margaret C. Tracci, Anna Z. Fashandi	University of Virginia	Factors Affecting Length of Stay and Discharge Needs After Lower Extremity Amputation	Dec - 15
Albeir Mousa, MD	WVU	Long term outcomes after renal artery angioplasty/stenting	Jan - 16
Albeir Mousa, MD	WVU	Predictors of Patency in Arteriovenous Grafts (AVGs) in Hemodialysis Patients	Jan - 16
Albeir Mousa, MD	WVU	Short and long term outcomes after endovascular subclavian interventions	Jan - 16
VSGGNY			
Rami Tadros, MD, Chien Yi Png, BA	Mount Sinai	The Effects of Vascular Surgeon Demographics on Elective AAA EVAR outcomes	Mar - 16
Rami Tadros, MD, Chien Yi Png, BA	Mount Sinai	The Effects of Hospital Demographics on Elective AAA EVAR outcomes	April - 16
Michigan VSG			
Nicholas Osborne, MD	University of Michigan	Readmission following lower extremity bypass and peripheral vascular interventions for patients with PAD	Aug - 16
Nicholas Osborne, MD and Danielle Sutzko, MD	University of Michigan	Incidence and Outcomes of Distal Vein Adjuncts for Prosthetic Grafts	Aug - 16
Nicholas Osborne, MD and Danielle Sutzko, MD	University of Michigan	Long-term outcomes of TEVAR using the Medicare-linked VQI database	Aug - 16
Thomas Wakefield and Danielle Sutzko	University of Michigan	Investigating the effects of age, gender, ethnicity and patient factors on outcomes of venous procedures within the VQI	Aug - 16
PSO Quality Projects			

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Danny Bertges, MD	VTMEDNET	Risk models for POMI in CEA, EVAR, OAAA, INFRA and SUPRA	
Randy DeMartino, MD	DHMC	Risk models for 30-day stroke and 1-year mortality in CEA	
Salvador Scali, MD	U of F	Risk models for 30-day and 1-year mortality and MACE in TEVAR	
Salvador Scali, MD	U of F	Risk models for 30-day and 1-year mortality in EVAR	
Adam Beck, MD	U of F	Comparison of Acute vs. chronic dissection in TEVAR on patient and procedure characteristics and outcomes	
Larry Kraiss, MD	Utah U	ABS board performance with VQI outcomes	
Phil Goodney, MD	DHMC	Addendum to Existing Vascular Quality Initiative AHRQ Grant	