

Vascular Quality Initiative®

vascularqualityinitiative.org

VQI®

The Vascular Quality Initiative is a distributed network of regional quality improvement groups that use a Patient Safety Organization and the M2S cloud-based system to collect and analyze data to improve the quality of vascular health care.

REGIONAL QUALITY GROUPS

Through regional quality group meetings, VQI participants share data to develop quality improvement projects designed to standardize processes, improve outcomes, and reduce complications and costs.

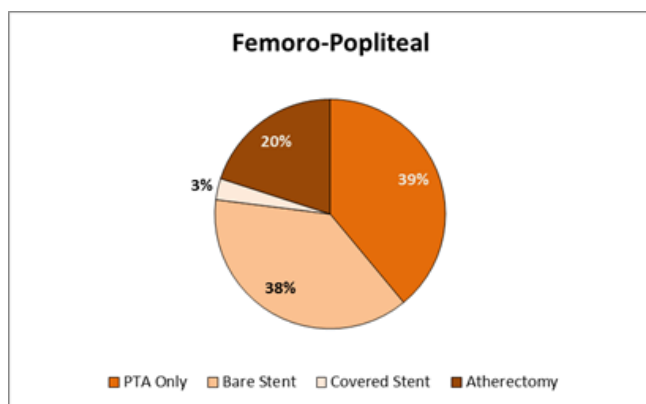
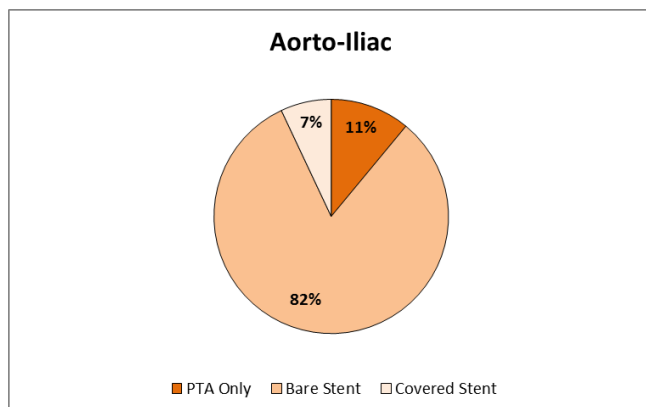
SVS PSO

The Society for Vascular Surgery Patient Safety Organization houses the data registry used by VQI and collaborates with the FDA and medical device companies to evaluate the safety and effectiveness of vascular devices.

M2S, INC.

M2S is the technology partner for the SVS PSO, providing the M2S PATHWAYS cloud-based platform for the collection and analysis of clinical quality improvement data.

Peripheral Vascular Intervention—Data Sharing PVI Treatment Types for Leg Occlusive Disease



- Access to over 60,499 PVI procedures for research and analysis in VQI®
- Use real time data collected across the U.S. to understand your device's performance
- Analyze performance of your device across different indications
- Choose from a range of standard and custom variables to support your device development

OVERVIEW

Because of its collection of real world data involving implantable devices for vascular treatment, the VQI is uniquely positioned to provide valuable information to your vascular device R&D, marketing and project teams.

Data Sharing through the VQI offers you an opportunity to **understand device performance** in specific patient groups based on key demographics, procedure outcomes and follow up. Outcome data can be risk-adjusted by the SVS PSO when needed.

Pricing is based on volume of data shared. All data are de-identified for patient, hospital and provider.

PVI DATA SHARING

The PVI Data Sharing program helps you to:

- Analyze effectiveness by type of lesion
- Analyze outcomes by lesion location
- Understand outcomes over multiple years
- Assess demographics and assess patient characteristics

Choose from a **variety of data formats** including: raw data, risk-adjusted analyzed data, and graphical representation.

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Sample Device Metrics

PVI Treatment of Superficial Femoral and Popliteal Artery*

PROCEDURE DATA

- Carotid Artery Stent
- Carotid Endarterectomy
- Endovascular AAA Repair
- Open AAA Repair
- Hemodialysis Access
- Inferior Vena Cava Filter
- Infra-Inguinal Bypass
- Supra-Inguinal Bypass
- Lower Extremity Amputation
- ✓ Peripheral Vascular Intervention
- Thoracic and Complex EVAR
- Varicose Vein

	Balloon Only	Bare Stent	Covered Stent	Atherectomy
Age (years)	70	69	69	70
Male	54%	60%	59%	58%
Diabetic	56%	51%	47%	53%
Claudication	45%	53%	57%	56%
Rest Pain	12%	12%	12%	11%
Tissue Loss	33%	27%	22%	24%
Mean ABI	0.72	0.63	0.69	0.74
TASC A-B Lesion	71%	59%	46%	58%
TASC C Lesion	16%	23%	30%	25%
TASC D Lesion	10%	16%	23%	17%
Fluoroscopy Time (min)	18	21	22	21
Contrast Volume (ml)	91	116	118	113
Sheath Size (Fr)	5.7	6.0	6.4	6.4
Closure Device	50%	51%	51%	59%
Treated Lesion Length (cm)	11	14	17	13
Technical Success	96%	99%	99%	98%
Complications	3%	4%	4%	3%
1-year Follow-Up:				
Target Lesion Revasc	5%	6%	12%	6%
Amputation Free Survival	89%	93%	93%	93%

*For illustration purposes only

CONTACT

For more information on our Data Sharing portfolio, please contact Meridith Mitchell at 603.738.0066 or email mitchell@m2s.com

KEY DATA FOR ANALYSIS

- ✓ By lesion type
- ✓ By lesion location
- ✓ By method of treatment
- ✓ By patient demographics
- ✓ By detailed outcome
- ✓ By multi-year follow up

SERVICES AVAILABLE

- Data Sharing
- Custom Reports
- Custom variables
- Data for Post-Approval Study
- Data for Pre-Market Study