For lower extremity peripheral arterial catheter-based interventions, carotid artery stenting and carotid endarterectomy procedures

PVI Registry™

The Peripheral Vascular Intervention (PVI) Registry assesses the prevalence, demographics, management and outcomes of endovascular therapy patients. Building on the success of the CARE Registry®, the PVI Registry collects data on catheter-based peripheral arterial interventions and will continue to include carotid artery stenting (CAS) and carotid endarterectomy (CEA) procedures. The PVI Registry:

• Provides benchmarked decision-making data on endovascular technologies and treatments
• Supplies outcomes-based evidence for new and emerging treatments, including evaluation and support for new devices and pharmacologic therapies
• Offers a comparative view of high surgical risk patients treated with CAS versus surgical intervention
• Streamlines data entry with interoperability between NCDR registries
• Offers opportunities to meet ABIM MOC Part IV requirements

More inside...
Delivering clarity for complex decision-making and quality in patient care

The PVI Registry is uniquely designed to support quality improvement in peripheral vascular disease (PVD) treatment, whether care is provided in a hospital cath lab, interventional radiology department, freestanding clinic or outpatient vascular center. Here’s why...

**Standard data elements, with quality and completeness assured**

The PVI Registry, like the entire NCDR registry suite, uses standardized, evidence-based elements and definitions that measure:

- Patient demographics, provider and facility characteristics
- Point-of-care interventional and pharmacological therapy data for 8 metrics for lower extremity patients and 24 CAS and CEA metrics
- Use of balloons, stents and embolic protection devices
- Adverse event rates

A complimentary online data collection tool provides easy access to data elements needed to meet CMS criteria for CAS data collection. And the PVI Registry allows the use of a variety of certified third-party vendor software options.

**Flexible reports for custom information on demand**

The PVI Registry offers a wealth of reporting options to support your facility’s ongoing quality improvement efforts and facilitate information exchange among the departments and disciplines that care for endovascular therapy patients—cardiology, neurology, radiology, vascular surgery, neurosurgery and interventional neuroradiology.

- **Quarterly risk-adjusted benchmark reports** that compare your institution’s performance with volume-based peer groups and the national experience
- **Executive summary reports** for big-picture review and at-a-glance assessments
- **Data quality reports** that help ensure that the data you submit are complete and consistent

All metrics and measures in the PVI Registry reports are identified and tested to ensure that they are scientifically valid and meaningful for quality improvement benchmarking.
Powerful interactive dashboards that make a difference

Part of the registry’s power is the PVI User Dashboard. Interactive and flexible, this tool will allow your cardiovascular team to compare your facility’s volume, data and metrics with data from blinded facilities, states, regions and national comparison groups.

Access is easy and secure. This online portal shows your Institutional Outcomes Reports and Data Quality Reports (DQRs) on a specially designed webpage.

Have a specific metric to highlight? Your dashboard will help you create executive summary eReports that feature the comparison groups you specify.

Trending data on weekly dashboard updates help you see how your facility is trending, highlight areas for improvement, and satisfy the data collection and reporting requirements of regulatory and contracting organizations.

With the PVI Registry you’ll always be in quality company

The PVI Registry was created by the American College of Cardiology in association with the Society for Cardiovascular Angiography and Interventions (SCAI). As part of participating in the PVI Registry, your ACC offers a suite of quality improvement initiatives that provide:

- Comprehensive orientation and continuing educational opportunities, including interactive workshops at the NCDR Annual Conference, to address the educational needs of your cardiovascular team
- Resources and toolkits that contain worksheets and checklists for use in individual and team-based learning
- Quality improvement webinars offered by clinical experts that present real-world techniques, evidence, strategies and lessons learned

And much more.

Visit NCDR.com/PVI or call 800-257-4737
About the NCDR®

The ACC’s National Cardiovascular Data Registry (NCDR) offers a suite of hospital and outpatient registries to help you measure, benchmark and improve cardiovascular care for your patients.

- **ACTION Registry®** is a risk-adjusted, outcomes-based quality improvement program that focuses exclusively on high-risk STEMI/NSTEMI patients. It helps hospitals apply ACC/AHA Clinical Guidelines recommendations in their facilities and provides invaluable tools to assist them in achieving their goal of quality improvement.

- **AFib Ablation Registry™** assesses the prevalence, demographics, acute management and outcomes of patients undergoing atrial fibrillation (AFib) ablation procedures. Its data will support the development of evidence-based guidelines for AFib treatments that will improve outcomes for patients.

- **CathPCI Registry®** assesses the characteristics, treatment, and outcomes of cardiac disease patients who receive diagnostic catheterization and/or percutaneous coronary intervention (PCI) procedures. This powerful tool captures the data that measure adherence to ACC/AHA clinical practice guideline recommendations, procedure performance standards, and appropriate use criteria for coronary revascularization.

- **ICD Registry™** establishes a national standard for understanding treatment patterns, clinical outcomes, device safety, and the overall quality of care provided to ICD implantation patients. As the CMS-mandated registry for hospitals that perform ICD implantation procedures, the ICD Registry plays an important role in determining the association between evidence-based treatment strategies and clinical outcomes.

- **IMPACT Registry®** assesses the prevalence, demographics, management and outcomes of pediatric and adult congenital heart disease (CHD) patients who undergo diagnostic catheterizations and catheter-based interventions. Its data supports the development of evidence-based guidelines for CHD treatment that will improve outcomes for CHD patients of all ages.

- **LAAO Registry™** captures data on left atrial appendage occlusion (LAAO) procedures to assess real-world procedural outcomes, short and long-term safety, comparative effectiveness and cost effectiveness. LAAO provides a treatment option to manage stroke risk for non-valvular atrial fibrillation patients who are unable to maintain adequate anticoagulation through medication therapy.

- **Pinnacle Registry®** focuses on coronary artery disease, hypertension, heart failure, atrial fibrillation and diabetes in the outpatient setting. Its Health Insurance Portability and Accountability Act-compliant data collection option works with most electronic health record systems and its unique online portal delivers on-demand reports for viewing overall clinical care, accessing quality improvement best practices, and maximizing Physician Quality Reporting System and e-prescribing incentives.

- **PVI Registry™** assesses the prevalence, demographics, management and outcomes of patients undergoing lower extremity peripheral arterial catheter-based interventions, carotid artery stenting and carotid endarterectomy procedures. It enables clinicians to use decision-making data to implement changes to improve the quality of patient care—whether care is provided in a hospital cath lab, interventional radiology department, or an outpatient vascular center.

- **STS/ACC TVT Registry™** monitors patient safety and real-world outcomes related to transcatheter valve replacement and repair procedures – emerging treatments for valvular disease patients. Employing state-of-the-art heart valve technology, transcatheter heart valve procedures provide new treatment options for patients who are not eligible for conventional heart valve replacement or repair surgery.

To learn more, visit [NCDR.com](https://ncdr.com)