



## The Value of Participation

Your participation in NVQI will help individual physicians and hospitals improve patient care by assessing procedural processes, complication rates, length of stay, and other critical quality metrics in comparison with national benchmarks. Participation may also be used to confirm appropriateness of care and support reimbursement negotiations with payers. NVQI provides a web-based platform and analytic tools to:

- Identify and evaluate on-going quality improvement efforts
- Detect the key contributing factors affecting your outcomes
- Establish benchmarking for comparison against a national mean
- Support actionable, evidence-based change

By tracking procedures and outcomes for patients treated by surgery, endovascular therapy, or medical

management, NVQI members can investigate trends and institute proven strategies to improve neurovascular care and lower costs.

### Why a National Neurovascular Database? Why Now?

Federal, regional and private medical insurance programs are placing quality and patient outcomes at the forefront of hospital and individual physician assessment for stratification of reimbursement. To better support physicians providing neurovascular care in the evolving healthcare landscape, the Society of NeuroInterventional Surgery Patient Safety Organization (SNIS PSO) has established NVQI to meet the demands for quality data.

### The Role of the Patient Safety Organization

Approved by the Agency for Healthcare Research & Quality as a PSO, the SNIS PSO helps physicians and other health care providers to share and analyze clinical outcomes and data associated with patient safety and quality improvement in a

protected environment. Comparative data analyses generated by SNIS PSO for quality improvement purposes are protected from legal discovery.

### Real Time Access to your Real World Data

Participating hospitals have access to data analysis tools to run your own reports in real time including:

- Understanding patient characteristics, procedure variables and long-term follow-up
- Analyzing trends longitudinally
- Assessing hospital or individual physician major complication, outcome rates at 14 days, 30 days, three months, and one year

The data for the NVQI can be entered through the secure web-based registry via tablets with internet access, laptops, or desktop computers.

## Monitoring Device Effectiveness

Devices and techniques used in neurovascular patient care are rapidly changing. Physicians, industry, and regulatory agencies all require tracking and evaluation of the real world effectiveness of these novel devices and techniques. By tracking each device used in each procedure, NVQI provides participants with a unique ability to monitor device performance and patient outcomes to support both improved patient care and clinical research.

## Quality Data for Quality Improvement

NVQI recommends that a dedicated individual or staff group be responsible for data entry to ensure consistency and completeness. The NVQI is hosted on the M2S PATHWAYS™ web-based platform, and data entered into NVQI is validated with claims data from the hospitals to ensure consecutive case entry and reduce selection bias within the aggregate datasets.

## How do you get started?

To enroll in the NVQI, institutions must contract with the SNIS PSO and M2S. There is an initiation fee for the participating centers and an annual maintenance fee which is based on the number of procedure modules in which the hospital participates. Centers may participate in all or only a portion of the modules available.

NVQI participation can help you to improve your outcomes, and reduce costs through identification of avoidable complications and extended lengths of stay.

**Please contact your NVQI Account Team today at +1 603.298.5509 x331 or by emailing [nvqi@m2s.com](mailto:nvqi@m2s.com) for an interactive demonstration.**

Our knowledgeable NVQI Team will guide you through the key steps to a successful implementation

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## SNIS PSO

The Society of NeuroInterventional Surgery Patient Safety Organization oversees the NVQI data registries and collaborates with regulatory agencies and medical device companies to evaluate the safety and effectiveness of neurovascular devices. The SNIS PSO helps physicians and other health care providers to share and analyze SNIS clinical outcomes and data associated with patient safety.

## M2S, Inc.

M2S is the technology and service provider for the NVQI, providing the M2S PATHWAYS™ cloud-based platform for the collection and analysis of clinical quality improvement data.

## NVQI Registries

- Acute Ischemic Stroke
- Carotid Artery Stent\*
- Cerebral Aneurysms (planned)
- Cerebral arteriovenous malformations (planned)

\*Provided by the Society for Vascular Surgery Vascular Quality Initiative®

