

# CENTER OF EXCELLENCE IN NEUROSURGERY

In partnership with key opinion leaders and industry professionals, SRC developed the Center of Excellence in Neurosurgery (COENS) program. The COENS program identifies surgeons and facilities worldwide performing neurosurgeries and achieving defined standards for patient safety and care quality.



## PROGRAM REQUIREMENTS

### 1. INSTITUTIONAL COMMITMENT TO EXCELLENCE

The applicant facility is committed to excellence in neurosurgery and has credentialing and privileging guidelines in neurosurgery.

### 2. SURGICAL EXPERIENCE

The applicant facility performs at least 200 neurosurgical procedures annually. Each applicant surgeon performs at least 100 qualifying neurosurgical procedures annually and has served as the primary surgeon for at least 150 qualifying surgeries in their lifetime. Applicants perform each surgical procedure in a standardized manner and use a template for operative note dictation to ensure proper data collection for surgical procedures.

### 3. PHYSICIAN PROGRAM DIRECTOR

The applicant facility must appoint a Physician Program Director for the COENS program who is accredited or in the process of becoming accredited.

### 4. CONSULTATIVE SERVICES

The applicant facility must have a full complement of consultative services required for the routine and intensive care of neurosurgery patients and their potential complications including: anesthesiologist or CRNA, ACLS-certified physician or team, critical care specialist, hospitalist, cardiologist, pulmonologist, endocrinologist, infectious disease specialist and physical therapist or physiatrist.

### 5. EQUIPMENT AND INSTRUMENTS

The applicant facility must maintain a full line of equipment and surgical instruments to provide perioperative care for neurosurgery patients and have documented training for appropriate staff in the safe operation of this equipment.

### 6. SURGEON DEDICATION AND QUALIFIED CALL COVERAGE

Each applicant surgeon has privileges in neurosurgery at the applicant facility, is board-certified or an active candidate for board certification in their surgical specialty and has qualified call coverage. Each applicant completes at least 12 hours of CME focused on neurosurgery every three years.

### 7. CLINICAL PATHWAYS AND STANDARDIZED OPERATING PROCEDURES

Applicants formally develop and implement all required clinical pathways that facilitate the standardization of perioperative care for neurosurgery procedures. Clinical pathways are supported by standardized preoperative, postoperative and discharge physician order sets.

### 8. SURGICAL TEAM AND SUPPORT STAFF

For each department seeking accreditation, the facility is required to have a designated program coordinator, along with nurses, physician extenders, and a consultative team. This team must be committed to providing high-quality patient care and participate in ongoing, regularly scheduled in-service education sessions to uphold accreditation standards.

### 9. PATIENT EDUCATION

The facility and each applicant surgeon provide all neurosurgery patients with preoperative patient education, have a process for obtaining informed surgical consent and selecting procedures that are most appropriate for each patient's condition.

### 10. CONTINUOUS QUALITY ASSESSMENT

All applicants must collect prospective outcomes data on all patients who undergo neurosurgery in SRC's Outcomes Database (or a similar qualifying database).

This is a summarized list of program requirements which is subject to change. For additional information, please contact SRC by emailing [businessdevelopment@surgicalreview.org](mailto:businessdevelopment@surgicalreview.org) or calling 919.438.2156.