

CENTER OF EXCELLENCE IN ROBOTIC SPINE SURGERY

In partnership with key leaders and industry professionals, SRC developed the Center of Excellence in Robotic Spine Surgery (COERSS) program. The COERSS program identifies surgeons and facilities that provide excellent robotic spine treatment and are dedicated to continuously improving healthcare quality and patient safety.



PROGRAM REQUIREMENTS

1. INSTITUTIONAL COMMITMENT TO EXCELLENCE

The applicant facility is committed to excellence in robotic spine surgery and has credentialing and privileging guidelines in robotic spine surgery separate.

2. SURGICAL EXPERIENCE

The applicant facility performs at least 80 robotic spine surgeries annually. Each applicant surgeon performs at least 30 qualifying robotic spine surgeries annually and has served as the primary surgeon for at least 175 qualifying spine surgeries and 50 robotic spine 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 (or Co-Directors) for the COERSS 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 robotic spine surgery patients and their potential complications including: Anesthesiologist or CRNA, ACLS-certified physician or team, general surgeon, vascular surgeon, critical care physician, hospitalist, cardiologist, pulmonologist, physical therapist/occupational therapist, rehabilitation physician, infectious disease specialist.

5. EQUIPMENT AND INSTRUMENTS

The applicant facility must maintain a full line of equipment and surgical instruments to provide perioperative care for robotic spine surgery 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 robotic spine surgery at the applicant facility, is a board-certified spine surgeon or an active candidate for board certification and has qualified call coverage. Each applicant completes at least 12 hours of CME focused on spine surgery 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 robotic spine surgeries. 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 robotic spine surgery 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 outcomes data on all patients who undergo robotic spine surgeries 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 or calling 919.438.2156.