

Collaborative Endocrine Surgery Quality Improvement Program (CESQIP)



The Collaborative Endocrine Surgery Quality Improvement Program (CESQIP) is a cloud-based Quality Assurance initiative that was developed by the American Association of Endocrine Surgeons (AAES). CESQIP allows surgeons and institutions to monitor outcomes in thyroid, parathyroid, adrenal, and pancreatic neuroendocrine procedures.

CESQIP uses continuous quality improvement metrics by utilizing patient-centered data collection. With ongoing performance feedback based on collaborative learning, the transition to shared accountability care/payment models — all with real time, flexible, and protected data access — is made possible. CESQIP also provides best practices, decision support, and care pathways to enhance patient safety. By providing defined, true long-term outcome analysis, CESQIP also represents an innovative platform for multidisciplinary collaboration locally, nationally and internationally.

In 2014, CESQIP experienced tremendous growth. As of August 2014, 36 institutions with more than 100 physician end users were enrolled in CESQIP. Multiple specialties are represented, including surgical oncology, otolaryngology/head and neck, endocrine surgery and hepatobiliary surgery.

CESQIP is divided into 6 outcomes modules:

- Thyroid
- Parathyroid
- Combined thyroid and parathyroid
- Adrenal
- Pancreatic neuroendocrine tumors
- Gastrointestinal neuroendocrine tumors

Each organ system has its own reporting structure so that the end user can compare his or her outcomes, practice patterns, and resource utilization to aggregate data from all CESQIP participants. The outcomes data are available in real-time to each end user; entered data are incorporated into the aggregate dashboard reports instantaneously permitting an up-to-date, accurate assessment of outcomes.

A new web interface, CESQIP 2.0, was introduced the summer of 2014 to permit enhanced navigation for tablets and smart phones. CESQIP 2.0 has a more intuitive interface allowing better use of screen real estate. Menu items have been consolidated under intuitive, touch friendly icons for faster use. The new framework permits optimized searching, so that outcomes and practice pattern data are more readily available. CESQIP 2.0 will facilitate data entry, which currently takes about 3-5 minutes per new patient.

In 2015, CESQIP will work to develop data integration to permit automatic data extraction from standard electronic medical record programs, such as EPIC. This important development will lessen the data entry burden and optimize data validation.

For more information or to enroll, please visit the CESQIP website: cesqip.org