Intraoperative Compliance

Surgical site infections contribute to 22% of postoperative complications[1], adding up to $11,000 in costs per hospital stay for major complications[2]. Improving antibiotic administration through increased adherence to institutional protocols is recommended to help reduce the incidence of surgical complications[3].

The operating room is a critical care environment that generates a high volume of data while performing each surgical procedure. This information must be captured and stored in the patient's medical record to meet compliance and reimbursement requirements. Also, the patient's history helps future providers understand what happened with the case to enable the continuum of care.

Documentation trade-offs hinder adherence to protocols

Anesthesiologists must concentrate their primary attention on the anesthetized patient's status. When a patient's vital signs can change at any moment, complex documentation tasks can seem like a distraction. The likelihood increases that documentation will be incomplete or inaccurate, hindering important clinical decisions.

In addition, documentation of patient vitals while under anesthesia is repetitive. An electronic record can be used to automate data capture that is typically written on paper. An effective electronic documentation system should:

- Simplify record keeping and be easier to use than paper
- Embed relevant clinical content, customizable to your practice
- Adhere to an approved standard of care
- Interface seamlessly with the EMR

[1] Kassin, Michael et al."Risk Factors for 30-Day Hospital Readmission among General Surgery Patients." American College of Surgeons, 2012.

[2] Dimick, Justin B et al. "Hospital Costs Associated with Surgical Complications: A Report from the Private-sector National Surgical Quality Improvement Program." American College of Surgeons, 2004

[3] Gagliardi, Anna R et al. "Factors influencing antibiotic prophylaxis for surgical site infection prevention in general surgery: a review of the literature." Canadian Journal of Surgery, 2009

GE Healthcare's solution for intraoperative compliance

For anesthesiologists who document on paper or legacy documentation systems, Centricity™ Perioperative Anesthesia (CPA) helps with adherence to clinical protocols to support your surgical site infection prevention goals. It does more than just replace your manual process. It can make documentation easier than paper charting.

- A touch screen designed for intraoperative documentation
- Clinical scripts to help providers follow standard protocols
- Antibiotic compliance alerts to provide a visual reminder
- Vital sign device capture to reduce repetitive documentation
- Retrospective charting when it is more convenient
- Structured implementation services to enhance predictability of deployment and reduce workflow disruption

GE Healthcare's advantage

GE Healthcare has decades of experience in delivering anesthesia workflow consulting, technology and devices. CPA has over 300 customers and they have consistently provided high praise in KLAS[1] satisfaction surveys, including:

- Highly ranked by customers from 2009 through 2012
- Reputation of user-friendliness, with mentions that it is "easy to use and customize"
- Exceptional feedback on services saying that CPA's "strong implementations and ongoing support make for good relationships"

You can realize many benefits from intraoperative compliance

For anesthesiology professionals

- Improving consistency of care by increasing adherence to clinical protocols determined by your anesthesia group

- Enhancing support for PQRI audits with reminders for antibiotic administration

- Reducing information gaps with simpler data capture

- Increasing convenience to document at any time

For hospital administrators

- Supporting compliance to help your institution meet industry standards and pay-for-performance programs

- Enhancing hospital financial performance from measuring resource utilization as well as revenue cycle efficiencies

For chief information officers, chief medical informatics officers and IT professionals

- Reducing gaps in key care information with easier documentation, such as automatic vital sign capture

- Accelerating adoption and interoperability of a proven system with over 300 customers and over 600 interfaces

About GE Healthcare

GE Healthcare provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable healthcare around the world. GE (NYSE: GE) works on things that matter - great people and technologies taking on tough challenges. From medical imaging, software & IT, patient monitoring and diagnostics to drug discovery, biopharmaceutical manufacturing technologies and performance improvement solutions, GE Healthcare helps medical professionals deliver great healthcare to their patients.

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