

## Documentation and Quality Data

### Objectives

- Review documentation responsibilities of anesthesia providers including anesthesia record, machine and monitor maintenance, and controlled substances
- Gain insights into role of thorough anesthesia documentation in enhancing patient safety and supporting legal defensibility
- Refresher of importance of data collection including accuracy, quality assessment, outcomes, and performance improvement
- Encourage participants to promote a culture of safety and continuous improvement in anesthesia practice

### **Documentation**

#### Anesthesia Record

- Pre-anesthesia Assessment: phone calls, notes from primary care visits or specialists, lab work, testing, EKG
- Intra-operative record
- Post-operative: report, vitals, discharge info, and follow-up phone call
- Paper or electronic record
- Incidents: Anesthesia Quality Institute(AQI) has Anesthesia Incident Reporting System (AIRS): collecting individual adverse events from anesthesia

The AIRS database is protected from use in legal proceedings through AQI's status as a federally listed Patient Safety Organization (PSO). As a PSO, federal law protects any patient safety work product from legal discovery and imposes strict confidentiality guidelines.

## Equipment

- Machines, monitors, and other devices (including sequential compression devices) SCD, infusion pump and BIS
- Annual inspection ( sticker )
- Maintenance reports

## Controlled Substances

- Lockbox
- Daily Count logs

## Licences

- State medical license
- Business license
- Malpractice license
- DEA license

## **Quality Data**

According to ASA's Monitor in August, Dr. Joseph Staggenborg stated, " Cliches are cliches because they are true more often than not. Such is the case with , 'it starts with the data.' "

### Definitions:

- Data Science: a multidisciplinary study of information and how to extract meaningful insights for decision making and strategic planning
- Benchmarking: the act of measuring the quality of something by comparing it with an accepted standard- how does your practice compare to others
- NACOR- National Anesthesia Clinical Outcomes Registry
- AQI- Anesthesia Quality Institute
- NSQIP- National Surgical Quality Improvement Program

## Data Collecting and Reporting

- Internal ( using own EMR): numbers, totals, search ability
- External: ASA's NACOR, ACS-NSQIP
- May be required by accrediting body

## Quality Assessment/Performance Improvement

- Patient safety
- Quality Care
- QA/QI Committee: to review incident reports, adverse events and unusual occurrences
- Identify and implement best practices
- Recommend performance improvement and educational activities

## What is on the horizon?

According to Dr. Ibekwe and Gupta, in ASA's September Monitor, there is:

- Limited research on anesthesia outcomes data
- We need **anesthesia specific data** to support our value if reimbursement is going to continue to be tied to outcome data

## Value

According to Anesthesia Quality Institute's Strategic Plan:

"The specialty of anesthesiology is at risk of being diminished if a high-quality anesthetic is defined only by the patient's survival of induction and emergence in the PACU alive. Anesthesiologists who focus on the immediate operating room outcome are "value enabling," not "value adding." We endeavor to change that."

## **Patient Centered Care**

Patient satisfaction, feedback, and followthrough

## **Value as an individual:**

Sincerity, respect, ethics, integrity, trust, honesty

## **Value as part of the Anesthesia Team or Practice Team:**

Teamwork, integrity, contribution, connection, quality, focus

What VALUE do you bring to your practice? What VALUE do you offer your patients? How can you capture it?

What is next?

How is your practice using its data?

Is it usable?

Are you using it?

Can we use technology to aid us?

Are you maintaining SAFETY and Quality focus?

Are you promoting a SAFETY CLUTURE?

## **Resources**

ASA's Anesthesia Quality Institute (AQI) Strategic Plan 2021

ASA Podcast. Central Line Episode 17: Quality Improvement, August 2020.

'Helping' Your Hospital Partner with Quality and Performance Metrics

[Joseph L. Staggborg, MD, MBA, FASA](#)

*ASA Monitor* August 2024, Vol. 88, 17–19. <https://doi.org/10.1097/01.ASM.0001027540.50857.25>

Pay to Play: Do Quality Metrics for Anesthesiology Improve Value?

[Stephanie Opusunju Ibekwe, MD, MBA, MPH, MS; Anita Gupta, DO, MPP, GMP, PharmD, FASA](#)

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