

Are We Teaching Anesthesiology Residents The Skills That They Will Need To Be Successful in The Future?



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Conflict of Interest

Director, American Board of Anesthesiology

The ABA oversees preparation and administration of the physician specialty board certification examination in Anesthesiology

SAAA - Chicago, IL - November 12, 2016

Objectives

- Discuss the rationale for teaching new technical skills, e.g. perioperative ultrasound, in anesthesiology training
- Discuss the rationale for teaching quality improvement, management, and leadership skills in anesthesiology training

SAAA - Chicago, IL - November 12, 2016



Training the Next Generation of Anesthesiologists

QUALITY AND SAFETY

PPR - PHYSICIAN PRACTICE ROUNDTABLE



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Enhancing Anesthesiologists' Value to Hospitals

Original Inquiry Brief • June 24, 2011

RESEARCH IN BRIEF

With looming changes in payment structures and overall health care delivery model, anesthesia providers are seeking opportunities to brighten their visibility across the continuum of patient care. In particular, administrators interviewed for this research brief indicate that anesthesia providers at their respective institutions play an increasingly vital role in driving efficiency and improving quality of care from the point of patient admission through discharge. Keeping this in mind, anesthesiologists are taking on additional roles and responsibilities within the perioperative area, such as prescreening patients and overseeing staffing and scheduling in the OR. At the same time, many anesthesia providers and practitioners continue to focus their expertise and targeted purchase of services provided outside of the operating room in order to ensure that their value is recognized across the continuum of care.

Anesthesiologists, Quality and Patient Safety

"[Anesthesia providers] are leaders in creating a culture of safety in any procedural area."

Perioperative Administrators Notice Results from Anesthesiologists' Efforts

<p>Decrease in:</p> <ul style="list-style-type: none"> ➢ Complications ➢ Length of stay ➢ Side effects 	<p>↓ ↑</p>	<p>Increase in:</p> <ul style="list-style-type: none"> ➢ Patient safety ➢ Patient and surgeon satisfaction ➢ Throughput
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Anesthesiologists, Quality and Patient Safety

Why anesthesiologists?

- Understand all elements of OR safety
- Understand management of OR distractions
- Able to apply closed claim findings
- Familiar with QA/QI process, root cause analysis
- Set quality measurement, metrics, benchmarks
- Proven success in building a culture of safety

Anesthesiologists, Quality and Patient Safety

Other Quality and Safety elements to consider in improving the education of anesthesiology trainees

- Developing fatigue awareness
- Knowledge of “never” events
- Understanding what the value equation is for anesthesia (value = outcomes divided by cost)
- Patient centered care
- Professionalism
- Individual physician vs. team performance



Training the Next Generation of Anesthesiologists

MANAGEMENT

Anesthesiologists as Managers

Management is part of what anesthesiologists do every day

- Case management – understanding the patient
- Daily OR management (OR & Non-OR locations)
- Human Resources/Personnel Management
- Patient Flow
- Compliance/Risk Management

Anesthesiologists as Managers

Other Management elements to consider in improving the education of anesthesiology trainees

- Licensure/Credentialing/MOCA
- Financial
 - Billing and coding
 - Cost accounting/hospital & professional/technical
 - Changing environment
 - Compensation Models

Anesthesiologists, Efficiency and Process Improvement

Efficiency and Process Improvement elements to consider in improving the education of anesthesiology trainees

- What and how efficiency is measured
- Define and understand the metrics
- Define and understand the processes
 - Patient flow – Drug accounting
- Understand how to design process improvement projects and include them in the culture

Anesthesiologists, Efficiency and Process Improvement

Efficiency and Process Improvement elements to consider in improving the education of anesthesiology trainees

- Effective use of the EMR
- Understanding of the supply chain
- Implementation of change
- Efficient utilization personnel



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LEADERSHIP

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Anesthesiologists Value to Hospitals

Observation #1

Administrators rely on anesthesia providers to drive efficiency, patient satisfaction and throughput

Anesthesiologists Value to Hospitals

Observation #2

Anesthesiologists' role in providing care in out-of-OR ambulatory setting likely to expand moving forward

Anesthesiologists Value to Hospitals

Observation #3

Administrators envision broader involvement of anesthesia providers in response to shifting payment structures

Anesthesiologists Value to Hospitals

Observation #4

Role of anesthesiologists in conjunction with EMR based performance tracking system is critical in improving quality of care

THE AMERICAN BOARD OF ANESTHESIOLOGY, INC.

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CAJ LEADERSHIP TRAINING TO IMPROVE HEALTHCARE

DATE: Friday, January 13, 2012

TIME: 10:00am – 2:00pm (Eastern)

LOCATION: Massachusetts General Hospital – Davison Lecture Hall (Gray/Jackson 412)

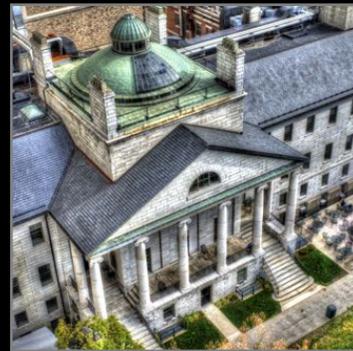
PURPOSE: The American Board of Anesthesiology would like to incorporate formal training in leadership, performance improvement, patient safety and practice management into the latter part of residency training in anesthesiology. The purpose of this meeting is to discuss the value of adding this as a required component in all U.S. training programs and to prepare a more detailed proposal for this training.

Summary

Anesthesiologists are increasingly recognized by hospitals and health care systems for their roles in:

- Quality and Safety
- Management
- Leadership

These emerging aspects of the practice of anesthesiology should become an integral part of our training.



The U.S. Capitol

Boston, Massachusetts, 2014