UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL
ANESTHESIOLOGY RESIDENCY PROGRAM

CA-3 ANESTHESIOLOGIST-IN-CHARGE (AIC) ROTATION

OVERVIEW

CA-3 residents will spend two contiguous weeks in the role of anesthesiologist-in-charge in the University operating room. They will not be assigned to other resident functions unless applicable to the management of the daily schedule. They will initially be oriented to the daily tasks of the director including managing placement of cases in the operating room schedule, adjusting staffing during the day, coordination of scheduling with the surgeons and nursing supervisor, and determination of staffing assignments for the next day’s schedule. They will carry the director beeper during the day, addressing scheduling issues, personnel issues, and case management as appropriate. The designated AIC attending anesthesiologist will be available for consultation on all matters throughout the day.

GOAL

The goal of this rotation is to provide the resident with a better understanding of the intricacies of Operating Room management, how the larger systems with which we interact (both within and external to the institution) impact the Operating Room, and how the Operating Room impacts those larger systems.

COMPETENCIES

Given the nature of this rotation, most of the objectives incorporate several of the competencies simultaneously. They are placed in the categories below based upon primary process.

I. PROFESSIONALISM

At the conclusion of the rotation, the resident will:

- Understand the importance of professionalism in the role of operating room management

II. INTERPERSONAL AND COMMUNICATION SKILLS

At the conclusion of the rotation, the resident will:

- Demonstrate proficiency in delegation of tasks through effective communication with faculty, colleagues, CRNAs, nursing staff, and support staff
- Demonstrate proficiency in coordinating anesthesia care with nursing staff needs
- Demonstrate proficiency in the coordination anesthesia care with surgical specialties and other services
- Acquire the basic skill set necessary for team building, negotiation and conflict resolution

III. SYSTEMS-BASED PRACTICE

At the conclusion of the rotation, the resident should understand:
• The difference between the scheduled elective surgery list and the Add-On /emergent/ urgent cases.

• Understand the basics tenets of proper resource management

• The operating room organization as it applies to hospital administration, surgical specialities, support staff, anesthesia and anesthetic support staff.

• Become familiar with the organizational structure of the Operating Room and how that interfaces with the larger system structure

• Learn how manage staffing in a multicampus anesthesiology practice model

• Learn how effective OR management has a positive impact on resident education

• Become familiar with the Joint Commission Patient safety goals as well the regulatory requirements with which an OR and Anesthesiology department has to be compliant to maintain accreditation

• Understand the basic concepts of Anesthesia Billing

• Learn Basic LEAN concepts for managing the Operating Room

• Operating room efficiency as it relates to turnover times, room utilization

IV. PRACTICE-BASED LEARNING

At the conclusion of this rotation, the resident will have:

• Learned about the leadership opportunities available to the anesthesiologist within Perioperative Services

• Learned to collaborate with the OR nursing leadership and communicate with surgeons regarding patient flow in the OR

• Learned about the operating room organization as it applies to hospital administration, surgical specialities, support staff, anesthesia and anesthetic support staff.

CURRICULUM

• Didactics – will begin with daily informal sessions as the day progresses. Planned sessions throughout the general curriculum will include:

  ABCD of Anesthesiology Practice: AIC Rotation Lecture Series

  o Anesthesiology and OR Management 101
  o Accreditation and Regulatory Compliance
  o BOB: Basics of Anesthesia Billing
  o Conflict Resolution, Negotiation and Team Building
  o Drive Throughput: Patient Experience and OR Efficiency
  o LEAN Training
  o Leadership Skills

• Systems Based Improvement Project
Each resident is required to submit a proposal for a Systems Based Improvement Project in one of the following areas:

- Patient Experience
- Improving Quality of Care
- Increase OR Through-put
- Contribute to Financial Sustainability

Each resident will have an AIC Attending who will serve as their mentor for her/his project. The resident with the proposal that is judged to have the potential for maximum impact will be given the opportunity, support and funding to attend the American Society of Anesthesiology Annual Practice Management Conference – Resident Track.

- Participation in Committees

As a part of the AIC Rotation, residents will be invited to attend and contribute to the existing multidisciplinary Committees working on improving patient flow in Perioperative Services, including the Operating Room Executive Committee.

Expectations from Residents on AIC Rotation

- The resident will schedule a time to meet with Dr. Kaur, the rotation director and Operating Room Medical Director/Clinical Vice Chair of the Department of Anesthesiology, prior to the start of the rotation.
- Review goals and objectives of the AIC Rotation at the above meeting
- Obtain the reading package/curriculum from Lisa Nicholson, the residency coordinator.
- Review the “Solutions to Systems Based Problems” form and concept with the Rotation Director
- Identify a systems based problem that impacts either patient flow/safety or efficiency in the OR
- Fill out the “Solutions to System Based Problems” form at the end of the rotation and review with the Rotation Director.
- Hand in the above form to the Residency Coordinator so that it may be added to the Resident’s Portfolio.
- Meet with the Rotation director at the end of the two weeks: Wrap up meeting/Lessons learned

Curriculum/ Reading Package

Bibliography: (Actual hard copy package given to the resident prior to the start of the rotation)


Systems Based Practice/ Finding a Solution

The resident will learn how “Systems” problems can impact every aspect of patient care. He/she will identify one such problem during their two week rotation and propose a solution. (They will fill out the attached form)

AIC ROTATION
SYSTEMS-BASED PRACTICE EXPERIENCE
PORTFOLIO ENTRY

1. What do you know now that you did not know before?

2. Did you observe, from a management perspective, any inefficiencies or problems within the system?

3. Choose one point of inefficiency or problem and suggest a workable solution.

4. Any Impediments to implementation of your solution that you can thin of?