

Beth Israel Deaconess Medical Center
Department of Anesthesia, Critical Care, and Pain Medicine
Rotation: Obstetric Anesthesia (CA-1)

GOALS AND OBJECTIVES

Goals

- Learn to manage the uncomplicated parturient both during labor and for cesarean delivery
- Learn how to work effectively with the whole patient care team on labor and delivery and the postpartum units as an obstetric anesthesiologist
- Optimize personal learning and patient care by continuously seeking improvement

Objectives by Core Competency

Patient Care

Residents must be able to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health. Residents are expected to:

- Develop skill at placement of combined spinal epidural catheter
- Develop skill at placement of epidural catheter
- Develop skills at the placement of spinal anesthesia
- Manage patients with accidental dural puncture
- Convert a patient with labor epidural analgesia to cesarean anesthesia
- Learn neonatal resuscitation

Medical Knowledge

Residents must demonstrate knowledge of established and evolving biomedical, clinical, epidemiological and social-behavioral sciences, as well as the application of this knowledge to patient care. Residents are expected to:

- Demonstrate knowledge of the course of labor, including potential complications
- Demonstrate knowledge of the indications for elective, urgent, or emergent cesarean delivery
- Present cases of the complicated parturient, using evidence-based literature to guide management
- Demonstrate knowledge of the risks, benefits, and complications of neuraxial techniques
- Demonstrate knowledge of the risks, benefits, and complications of general anesthesia in the parturient

- Identify the evidence base for care of the uncomplicated parturient and fetus during labor and delivery
- Identify the evidence base for the techniques of neuraxial analgesia/anesthesia

Practice-based Learning and Improvement

Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life-long learning. Residents are expected to develop skills and habits to be able to meet the following objectives:

- Manage the parturient with recurrent breakthrough pain
- Participate in daily teaching sessions, with particular emphasis on improving knowledge related directly to patient care
- Perform literature searches to obtain the most current evidence-based knowledge to guide clinical improvement
- Identify strengths, deficiencies, and limits in one's knowledge and expertise
- Set learning and improvement goals
- Identify and perform appropriate learning activities
- Systematically analyze practice using quality improvement methods, and implement changes with the goal of practice improvement
- Incorporate formative evaluation feedback into daily practice
- Locate, appraise, and assimilate evidence from scientific studies related to their patients' health problems
- Use information technology to optimize learning
- Participate in the education of patients, families, students, residents and other health professionals

Interpersonal and Communication Skills

Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals. Residents are expected to:

- Develop proficiency in communication with other services, including physicians, other health professionals, and health related agencies
- Develop proficiency in the Teamwork model on Labor and Delivery
- Attend daily team meetings and actively discuss patients
- Develop and manage care plans in a collaborative manner
- Communicate effectively with patients, families, and the public, as appropriate, across a broad range of socioeconomic and cultural backgrounds
- Act in a consultative role to other physicians and health professionals
- Maintain comprehensive, timely, and legible medical records, if applicable

Professionalism

Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to:

- Treat patients and their families with respect, compassion, and integrity
- Provide compassionate care for a patient with intrauterine fetal demise
- Interact with other caregivers with honesty, integrity and respect
- Resolve conflict in a professional manner
- Demonstrate responsiveness to patient needs that supersedes self-interest
- Respect patient privacy and autonomy
- Be accountable to patients, society and the profession
- Demonstrate sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation

Systems-based Practice

Residents must demonstrate an awareness of and responsiveness to the larger context and system of health care, as well as the ability to call effectively on other resources in the system to provide optimal health care. Residents are expected to:

- Incorporate considerations of cost awareness and risk-benefit analysis in patient and/or population-based care
- Choose appropriate cost-effective tests needed for care of the parturient
- Choose appropriate cost-effective evaluations needed for the care of the postpartum patient with complications
- Coordinate patient care with obstetricians, nurses, and relevant consultants
- Coordinate care of a patient with co-morbidities with other services
- Advocate for quality patient care and optimal patient care systems
- Work in inter-professional teams to enhance patient safety and improve patient care quality
- Identify system errors and implement potential systems solutions