

## **Off-Service Obstetrics and Gynecology Rotation Objectives**

The goal of the Obstetrics & Gynecology rotation for PGY1 trainees in anesthesia is development of an understanding of the anesthesiologist's needs and expectations from the obstetrician/gynecologist's perspective, for purposes of the trainee's future career development. In addition, consolidation of the trainee's knowledge base in obstetrics and gynecology in preparation for the LMCC Part II examination will be emphasized.

### **Medical Expert/Clinical Decision Maker:**

#### **KNOWLEDGE**

The resident will be able to

- Describe the anatomic and physiologic changes of pregnancy and the peripartum period
- Describe fetal-placental anatomy and physiology
- Describe the various positions of the fetus in presentation for delivery
- List the indications for operative delivery including forceps and Cesarean section
- Describe the pathophysiology of common complications of pregnancy including pregnancy induced hypertension, gestational diabetes, placental insufficiency, placenta previa, and immune interactions between parturient and fetus (esp. Rh incompatibility)
- Describe the appearance of normal and abnormal fetal heart rate tracings
- Describe the normal components of a fetal biophysical profile

#### **SKILLS**

The resident will be able to

- Complete a physical assessment of the pregnant patient, including estimating fetal position antenatally
- Assess fetal well-being
- Interpret fetal heart rate tracings
- Interpret fetal biophysical profiles
- Provide suitable initial management for common complications of the postpartum period (eg. postpartum hemorrhage, uterine atony, etc.)

### **Communicator:**

The resident will be able to

- Obtain and document the relevant medical history thoroughly and efficiently
- Develop communication skills with other members of the health care team to benefit the patient
- Explain obstetrical procedures (fetal heart rate tracings, fetal biophysical profiles, etc.) in a clear and compassionate manner
- Describe patient information and outline obstetrical management plan to the attending obstetrical resident or obstetrician in a professional and intelligent manner
- Discuss special needs (birthing plans, etc.) with nurses and other health care team members in a respectful manner

### **Collaborator:**

The resident will be able to

- Describe the importance of the role of each of the members of the birthing team and support them in fulfilling their duties
- Describe maternal or fetal conditions warranting antepartum consultation with other team members (eg. anesthesiologist, internist, neonatologist, etc.)
- Review management plans and courses of action with the obstetrical resident or obstetrician at all times

**Manager:**

The resident will be able to

- Consider health care resources when determining the patient's peripartum management plan
- Acknowledge the difficulties and decision-making involved in utilization and allocation of finite health care resources

**Health Advocate:**

The resident will be able to

- Understand the complex emotional atmosphere surrounding delivery of a newborn and be able to act as an advocate for the family in the medical environment
- Provide appropriate education to ensure patients are well informed and well prepared for the peripartum period
- Encourage patients to optimize their health status throughout pregnancy

**Scholar:**

The resident will be able to

- Teach medical students, under supervision of staff, about clinical problems
- Demonstrate critical enquiry of a clinical question that they have raised or that has appeared during teaching discussions

**Professional:**

The resident will be able to

- Demonstrate integrity and honesty when interacting with patients, families, and other health care professionals
- Be punctual, efficient, and respectful at all times

**Evaluation:**

- There will be on-going daily evaluation by the consultant staff and residents
- An end-of-rotation written evaluation will be discussed with the trainee and signed by both parties