

**Jersey Shore University Medical Center  
Ob/Gyn Residency Program  
Educational Goals and Objectives for OBSTETRICS – PGY1  
2011-2012**

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These are the Educational Goals and Objectives for the Obstetrics Rotation. Please review and become familiar with these goals and objectives.

This rotation is an opportunity for 1st Year Residents to learn management of normal labor. The resident is responsible for evaluating patients presenting to Labor and Delivery and formulating their management plans. The resident is also responsible for obtaining, reviewing and documenting prenatal records and prior records.

The resident should focus on evaluating routine obstetric patients and performing normal vaginal deliveries. The resident will be introduced to operative vaginal and cesarean deliveries as their surgical skills develop during this rotation. The resident should practice suturing and knot tying throughout the rotation.

The resident should be able to supervise and teach medical students. The resident must review all work done by medical students.

The resident will also be introduced to management of high risk pregnancies under the supervision of senior residents and attending faculty. Throughout the rotation the resident will be introduced to the general practice of medicine in the hospital and in the outpatient setting. The resident will develop a sense of being part of the health care team.

By the end of this rotation the Educational Goals and Objectives should be met.

**Educational Goals and Objectives for this rotation:**

1. Perform a comprehensive history and physical exam on obstetric patients.
2. Be able to perform cervical examination on all obstetric patients during labor.
3. Be able to determine presentation on all labor patients.
4. Be able to estimate fetal weight via ultrasound and Leopold maneuvers.
5. Understand physiologic changes during normal pregnancy, including the urinary tract, respiratory tract, gastrointestinal tract and cardiovascular system as well as the potential emotional changes of pregnancy, and be able to manage common clinical problems associated with these changes.
6. Apply accepted principles of pharmacology relevant to use of drugs in pregnancy.
7. Understand normal placental physiology.
8. Understand normal and abnormal carbohydrate metabolism during pregnancy.

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9. Understand management of normal labor and delivery, including fetal monitoring, assessment of labor.
10. Understand indications for forceps, vacuum, and cesarean delivery.
11. Manage the postpartum period.
12. Counsel a patient regarding the advisability of pregnancy.
13. Demonstrate accountability for ones actions and clinical decisions.

**Procedural Goals for this rotation:**

Understand:

- Amniocentesis, 2<sup>nd</sup> trimester
- Amniocentesis, 3<sup>rd</sup> trimester
- Anesthesia principles (epidural, general, spinal)
- Chorionic villus sampling (CVS)
- Cesarean delivery, primary low transverse
- Dilation and evacuation for 2<sup>nd</sup> trimester fetal death
- Fetal scalp pH
- Operative vaginal delivery
- Ultrasound, Level 1

Understand and perform:

- Amnioinfusion
- Amniotomy
- Anesthesia/analgesia
- Administration of parenteral analgesics/sedatives
- Administration of narcotic antagonists
- Circumcision
- Curettage for adherent placenta
- D&C, suction, 1<sup>st</sup> trimester
- Episiotomy
- External fetal monitoring
- Internal fetal monitoring, fetal scalp electrode placement
- Fetal scalp stimulation
- Genital tract laceration repair, vaginal
- Induction of labor with prostaglandins and oxytocin
- Intrauterine pressure catheter (IUPC) placement
- Neonatal resuscitation
- Parenteral analgesics, administration of

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- Placenta, manual removal of
- Skin incision, transverse
- Sterilization procedures
- Ultrasound examination (abdominal and endovaginal)
- Ultrasound (targeted examination)
- Vaginal delivery, uncomplicated
- Wound care

**Reading List:**

Williams Obstetrics, 23<sup>rd</sup> Edition  
    Physiology of Pregnancy  
    Normal Labor and Delivery  
Operative Obstetrics, 2<sup>nd</sup> Edition  
    Circumcision

**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.

**Objectives:**

1. Obtain an accurate history describing onset of uterine contractions, ruptured membranes, and vaginal bleeding.
2. Perform physical examination to assess:
  - a. Membrane status
  - b. Vaginal bleeding
  - c. Fetal presentation
  - d. Fetal position
  - e. Fetal weight
  - f. Cervical dilation
  - g. Cervical effacement
  - h. Fetal station
  - i. Clinical pelvimetry
  - j. Uterine contractility
3. Perform and interpret electronic fetal monitoring.
4. Assess the progress of labor.
5. Perform diagnostic tests to confirm rupture of membranes.
6. Assess patients with premature rupture of membranes (PROM) for lower and upper genital tract infection.
7. Perform a focused physical examination in postpartum patients.
8. Provide health care services aimed at preventing problems or maintaining health.

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**MEDICAL KNOWLEDGE**

Residents must demonstrate up to date knowledge of established and evolving biomedical, clinical, epidemiological, and social-behavioral sciences, and be able to apply this knowledge to patient care.

Objectives:

1. Describe the anatomic changes in the mother caused by normal physiologic adaptation to pregnancy.
2. Describe the anatomic changes that occur during the intrapartum period such as cervical dilation and effacement.
3. Describe the normal course of labor.
4. Describe the types of anesthesia that are appropriate for control of pain during labor and delivery.
5. Describe the risk factors for abnormal labor.
6. Describe the role for nutritional supplementation in pregnancy such as:
  - a. Iron
  - b. Folic acid

**PRACTICE BASED LEARNING AND IMPROVEMENT**

Residents must be able to investigate and evaluate their patient care practices, appraise and assimilate scientific evidence, and improve their patient care practices through constant self-evaluation and commitment to life long learning.

Objectives

1. Schedule and perform appropriate antepartum follow up for routine obstetric care.
2. Demonstrate commitment to self assessment and study.
3. Maintain an updated case log.

**PROFESSIONALISM**

Residents must demonstrate professionalism as manifested through a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population.

Objectives:

1. Be punctual
2. Dress appropriately
3. Counsel patients about lifestyle modifications that improve pregnancy outcome.
4. Counsel a patient regarding appropriate lifestyle modification conducive to favorable pregnancy outcome.

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### **INTERPERSONAL AND COMMUNICATION SKILLS**

Residents must be able to demonstrate interpersonal and communication skills that result in effective information exchange and teaming with patients, their families, and professional associates.

#### Objectives

1. Maintain a medical record that is clear, concise, and complete.
2. Demonstrate ability to obtain informed consent and refusal.
3. Perform a comprehensive history and physical examination.

### **SYSTEMS BASED PRACTICE**

Residents must demonstrate an awareness of and responsiveness to the larger context and system of health care and the ability to effectively call on system resources to provide optimal health care.

#### Objectives

1. Work to enhance patient safety and improve patient care quality
2. Help coordinate outpatient services with office/nurse manager
3. Order diagnostic tests with attention to cost effectiveness and clinical relevance

### **METHOD OF EVALUATION**

Residents will be evaluated during this rotation and throughout residency via several methods including: focused assessments, global assessments, in-training exams, professional associate evaluations, patient satisfaction surveys, participation at Journal Club, self-assessment, Life Long Learning assignments, and participation in group discussions, sign out, work rounds, and contribution to discussions and plans to improve the residency educational experience.

#### Objectives:

1. **Case Log and Resident Statistics**  
The resident is expected to maintain a case log and input their procedure statistics on a regular basis.
2. **Focused Assessment Competencies (FAC)**  
The resident must complete focused assessment competencies (FAC) for the Educational Goals and Objectives listed for this rotation. Two focused assessments per week must be submitted to the Program Director's office.
3. **Global Evaluation**  
A global evaluation of the resident will be performed quarterly. Evaluation will be based on feedback from peers, medical students, attending faculty and patient satisfaction questionnaire. Residents will also undergo self evaluation.

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4. **Resident Portfolio**  
The resident is expected to maintain a resident portfolio developed during the time the resident is enrolled in the program. It will contain a variety of information reflecting the resident's progress, evaluations, commendation, letters, and ambition and achievements during residency.
5. **Self Evaluation**  
The resident will complete regular self evaluations for review and discussion with the Program Director. Research and scholarly activity will be reviewed. Patient surveys will be discussed.
6. **Feedback**  
The resident should give timely feedback to attendings and department as to the effectiveness and quality of the educational experience on this rotation. Strengths, weaknesses and opportunities to improve this rotation will be examined.
7. **CREOG In Training Exam**  
Performance, self study, and plans for improvement will be discussed.

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I have received and will review the Educational Goals and Objectives for the OBSTETRICS ROTATION – PGY1 at Jersey Shore University Medical Center.

Resident:	Date:
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Please sign and return to the Program Director's Office.