University Obstetrics—Night Float

Level: PGY-3

Service: University Obstetrics Night Float

Length of Rotation: 3 months

Supervision: HOIII Attending Faculty

All management decisions will be discussed with the faculty on call. An attending physician will round daily with the residents and students. Attending coverage for Labor and Delivery/Postpartum and Antenatal Services are assigned each night via the faculty call schedule.

Educational Activities:
1) Recommended Reading: Review of either text a or b and completion of c and d is recommended in this year of training.
2) Conferences:
   a) Daily teaching rounds.
   b) Wednesday educational conferences.
   c) Diagnostics in Obstetrics and Gynecology.

Typical weekly assignment:

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Competency Based Educational Goals and Objectives

Patient Care

In addition to procedures listed in previous levels of training, the resident should understand the following procedures including indications, contraindications, and principles and be able to perform them with appropriate faculty and/or chief resident guidance and supervision:

Goal: Provide intrapartum management for patients with multiple gestations.

Objectives: The resident will demonstrate the ability to:
1) Provide appropriate intrapartum management of multiple gestations including counseling regarding delivery options, intrapartum evaluation and fetal monitoring.
2) Perform delivery of multiple gestations including, ultrasound guidance for vaginal delivery, delivery of the second twin and cesarean delivery as appropriate.

Goal: Be able to manage the patient with postpartum hemorrhage

Objectives: The resident will demonstrate the ability to:
1) Diagnose and evaluate patients with postpartum bleeding.
2) Demonstrate appropriate use of medications to treat postpartum hemorrhage.
3) Demonstrate the ability to appropriately use surgical methods to treat postpartum hemorrhage.

Goal: Demonstrate improved surgical skills with cesarean delivery.

Objectives: The resident will demonstrate the ability to:
1) Perform a primary cesarean delivery with minimal attending physician assistance.
2) Perform repeat cesarean sections with minimal attending physician assistance.

Goal: Provide appropriate care for patients with pregnancy loss in the first or second trimester.
Objectives: The resident will be able to:
1) Perform mechanical dilation of the cervix for evacuation of the uterus.
2) Perform placement of osmotic dilators to allow for evacuation of the uterus.
3) Utilize prostaglandins for cervical dilation to allow for evacuation of the uterus.

Goal: Provide appropriate repair for patients with perineal lacerations.

Objectives: The resident will demonstrate the ability to:
1) Repair perineal lacerations.
2) 3rd degree perineal lacerations.
3) 4th degree lacerations.
4) Repair of cervical lacerations.
5) Repair of vaginal lacerations.
6) Exploration and repair of vaginal and vulvar hematomas.
7) Appropriately perform episiotomy and complete the repair.

Goal: Provide appropriate care for patients with preterm labor.

Objectives: The resident will demonstrate the ability to:
1) Evaluate patients with uterine contractions and appropriately diagnose preterm labor.
2) Initiate tocolytic therapy appropriately.
3) Manage patients on tocolytic therapy.
4) Appropriately administer steroids and magnesium for fetal benefit.

Goal: Provide appropriate care for patients with preterm rupture of membranes

Objectives: The resident will demonstrate the ability to:
1) Evaluate patients with symptoms of ruptured membranes prematurely and appropriate diagnose preterm premature rupture of membranes.
2) Initiate appropriate antibiotic therapy for PPROM.
3) Manage patients with preterm rupture of membranes regarding steroids and magnesium sulfate.

Goal: Provide appropriate care for patients requiring labor induction.

Objectives: The resident will demonstrate the ability to:
1) Assess the fetal status based on intrapartum fetal cardiac monitoring.
2) Assess the fetal status with biophysical assessment as indicated.
3) Assess the fetal status with the use of fetal stimulation, scalp and acoustic.

Medical Knowledge

Goal: Understand the concepts for operative vaginal delivery.

Objectives: The resident will be able to discuss:
1) The indications for forceps and vacuum deliveries.
2) The classification of operative vaginal delivery, outlet vs. low vs. midpelvic delivery.
3) The contraindications for operative delivery.
4) The different types of forceps and indicated uses for each type.

Goal: Understand the concepts of obstetric anesthesia.

Objectives: The resident will be able to discuss:
1) The use of local anesthetics in obstetrics, including indications and contraindications.
2) The use of regional anesthesia in obstetrics, including indications and contraindications.
3) The common side effects of regional anesthesia.
4) The use of general anesthesia in obstetrics including the indications and contraindications.

Goal: Understand the concepts that are the basis for fetal assessment.

Objectives: The resident will be able to discuss:
1) Fetal mechanisms for maintenance of normal fetal heart rate.
2) The requirements for biophysical assessment and the physiologic mechanisms to maintain normal status.
3) The mechanisms involved in evoked fetal heart rate acceleration with scalp and acoustic stimulation.

Goal: Understand the concepts involved in labor induction.
Objectives: The resident will be able to discuss:
1) The mechanism of prostaglandins in cervical ripening.
2) The mechanism of action of oxytocin.

Interpersonal and Communication Skills
Goal: The resident will communicate in a professional manner with the obstetric service at Nebraska Medicine.
Objectives: The resident will demonstrate the ability to communicate effectively by:
1) Providing appropriate check out when handing patients to another team member.
2) Performing consults when asked.
3) Requesting consults from other services with appropriate information.
4) Entering operative reports accurately and in a timely fashion.
5) Entering discharge summaries accurately and in a timely fashion.

Goal: Provide appropriate counseling regarding the diagnosis and treatment of preterm labor.
Objectives: The resident will be able to appropriately counsel patients:
1) Counsel patients regarding gestational age related concerns such as administration of tocolytic agents, risks of neonatal mortality, administration of steroids and route of delivery.
2) Counsel patients regarding the risks and side effects of tocolysis.

Goal: Provide appropriate counseling for patients with preeclampsia.
Objectives: The resident will be able to appropriately counseling for:
1) Counsel patients regarding gestational age related concerns such as risks of neonatal mortality, administration of steroids and route of delivery.
2) Counsel patients regarding the indications for delivery and risks of preeclampsia.

Professionalism
Goal: Maintain patient confidentiality
Objectives: The resident will demonstrate:
1) Knowledge regarding regulations regarding patient confidentiality in the HIPAA
2) The ability to protect health-related patient information to comply with HIPAA
3) List and be aware of sites on labor and delivery where loss of privacy for the patient may occur.

Goal: Maintain appropriate professional relationships.
Objectives: The resident will demonstrate professional interactions with:
1) Medical students.
2) Nursing and support staff.
3) Supervising faculty.
4) Consulting residents.
5) Physician peers.
6) Use of social media, email, and other communication platforms.

Practice-Based Learning and Improvement
Goal: Identify personal and practice improvement strategies in labor and delivery.
Objective: The resident will demonstrate:
1) Receptiveness to faculty instruction and feedback.
2) Ability to use medical information with the ability to access information through traditional and online sources to support their educational experience.

Goal: Utilize scientific evidence to evaluate the care of patients with preterm labor.
Objectives: The resident will demonstrate an understanding of:
1) The scientific evidence regarding the use of tocolytic agents.
2) The scientific evidence regarding the use of steroids and magnesium in the premature fetus.
3) The scientific evidence regarding the use of tocolytics agents with premature rupture of membranes.

Goal: Utilize scientific evidence to evaluate the care of patients with preeclampsia.
Objectives: The resident will demonstrate an understanding of:
1) The scientific evidence regarding the use of magnesium sulfate for seizure prophylaxis.
2) The scientific evidence regarding the use of antihypertensive agents in pregnancy.
3) The scientific evidence available for the etiology of preeclampsia.
Systems-Based Practice

**Goal:** Provide safe patient care in labor and delivery.

**Objectives:** The resident will:

1. Comply with Crew Resource Management concepts as required by the hospital.
2. Follow recommended protocols in labor and delivery for patient safety.
3. Demonstrate compliance with Nebraska Medicine policy for surgical site identification.
4. Demonstrate compliance with Nebraska Medicine policy for patient identification.

**Duties/Responsibilities:**

1. Serve as PGY-3 on the obstetrical service.
2. Appropriate, professional supervision of student teaching in light of educational goals.
3. Attend teaching rounds for the obstetrical service daily.
4. Maintain patient handoff tool in One Chart.
5. Assist and supervise the first year resident and medical students with postpartum rounds daily (M-F).
6. Manage laboring patients and perform deliveries as assigned.
7. Assist with evaluation and admission of complicated obstetric patients and maternal transports.
8. Attend other conferences as listed.
9. Take night call as assigned.

**Evaluation:**

1. Global evaluation will be performed by the Obstetrics physicians at the completion of the rotation.
2. Surgical skills evaluations should be completed by the resident and faculty using the My TIP Report system. The resident should obtain evaluations for most procedures.
3. For Obstetrics at the third level at Methodist the following procedures should be evaluated by completion of the rotation: Complete operative management of cesarean section, Operative vaginal delivery, Multifetal deliveries, Dilation and evacuation of the uterus in the second trimester, Stat cesarean delivery, Repair of a third/fourth degree laceration.
4. At the conclusion of the resident’s service period, he/she should complete an evaluation form assessing the quality of the rotation; he/she should also address the teaching undertaken by the attending physician.