University Obstetrics
Level: PGY-4

Service: University Obstetrics
Length of Rotation: 4 months

Supervision: HOIV → Attending Physician
Independent activity with supervision by the attending physician assigned to the obstetric service. An attending physician will round daily with the residents and students. Attending coverage for Labor and Delivery/Postpartum and Antenatal Services are assigned and are usually the attending rounding for the day. Attending coverage is assigned to each clinic.

Educational Activities:
1) Recommended Reading
2) Conferences
   a) High Risk Planning Conference, Tuesdays at 1200.
   b) Wednesday Educational Conferences.
   c) Diagnostics in Obstetrics and Gynecology, Fridays at 0700.

Typical call assignment:
This resident will assure the Antepartum patients are appropriately covered for rounding purposes on the weekends, either personally or by assignment to another resident on the obstetric service. In house call at Nebraska Medicine will be 1 or 2 per month on the weekends.

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Competency Based Educational Goals and Objectives
Patient Care: In the fourth year of training, the resident should demonstrate an understanding of obstetric procedures indications, contraindications, and principles and be able to perform them independently (proficiency at the level appropriate to warrant hospital credentialing for independent performance of the procedure).
Goal: Be able to manage patients undergoing cesarean section.
Objectives: The resident will demonstrate the ability to:
   1) Provide appropriate preoperative counseling.
   2) Perform cesarean delivery independently, including low transverse, classical and repeat cesareans.
   3) Provide appropriate postoperative care.
Goal: Manage patients undergoing operative vaginal delivery
Objectives: The resident will demonstrate the ability to:
   1) Provide appropriate preoperative counseling.
   2) Perform operative vaginal deliveries, choosing appropriately forceps or vacuum.
   3) Provide appropriate postoperative care.
Goal: Manage patients with cervical insufficiency.
Objectives: The resident will demonstrate the ability to:
   1) Provide appropriate preoperative evaluation and counseling.
2) Perform cervical cerclage independently.
3) Provide appropriate postoperative care.

**Goal:** Manage patients presenting with abnormal fetal presentation.

**Objectives:** The resident will demonstrate the ability to:
1) Evaluate a patient with abnormal fetal presentation.
2) Appropriate counsel patients regarding appropriate management.
3) Perform external cephalic version appropriately, provide consent for ECV
4) Safely delivery fetuses with abnormal presentation.

**Goal:** Manage patients with multiple gestations.

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

**Goal:** Evaluate and manage obstetric patients with complicated medical histories.

**Objectives:** The resident will demonstrate the ability to:
1) Evaluate obstetrics patients with chronic medical diseases.
2) Appropriately manage complicated obstetrical patients with attending supervision.
3) Request assistance appropriately, understanding their individual limits with complicated patients.

**Goal:** Manage patients during labor with attending supervision

**Objectives:** The resident will demonstrate ability to:
1) Provide complete management for patients during labor.
2) Provide complete management for patients after delivery.

**Goal:** Manage patients with preterm labor.

**Objectives:** The resident will demonstrate the ability to:
1) Appropriately counsel patients with a history of preterm birth.
2) Evaluate patients with symptoms of preterm labor.
3) Appropriately counsel patients diagnosed with preterm labor.
4) Provide appropriate management for patients with preterm labor.
5) Evaluate patients with complications of tocolytic therapy.
6) Counsel patients about risks of PTL in future pregnancies,

**Goal:** Obtain ultrasound images of the fetus for complete anatomic survey.

**Objective:** The resident will demonstrate the ability to perform a complete anatomic survey of a fetus in the second or third trimester.

**Medical Knowledge**

**Goal:** Understand the risks for and complications of preterm labor.

**Objectives:** The resident will be able to discuss:
1) Appropriate evaluation of patients with a history of preterm birth.
2) The theoretic etiologies of preterm labor.
3) Gestational age based risk of neonatal morbidity and mortality.
4) Risks of tocolytic therapy.

**Goal:** Understand the requirements for ultrasound evaluation of the fetus.

**Objective:** The resident will discuss the components of a complete anatomic survey of a fetus in the second or third trimester.

**Goal:** Understand the risks for multiple pregnancy losses.

**Objective:** Discuss the appropriate evaluation and treatment of the patient with multiple pregnancy losses.

**Goal:** Understand the continuum of cervical sufficiency in pregnancy.

**Objectives:** The resident will be able to discuss:
1) The concept of cervical length in relationship to length of gestation.
2) The anatomy of the maternal cervix.
3) Risk factors for cervical incompetence.
4) Risk factors for preterm labor.

**Interpersonal and Communication Skills**

**Goal:** Provide appropriate counseling to patients hospitalized for complications in pregnancy.

**Objectives:** The resident will be able to appropriately counsel patients:
1) Hospitalized with the diagnosis of preterm birth.
2) Hospitalized with the diagnosis of preeclampsia.
3) Undergoing cesarean delivery.
4) Surgery during pregnancy.

**Goal:** Provide appropriate counseling with fetal complications during pregnancy.

**Objectives:** The resident will be able to appropriately counsel patients:
1) Diagnosed with intrauterine growth abnormalities.
2) Diagnosed with fetal anomalies.

**Goal:** Communicate effectively as a consulting physician.

**Objective:** The resident will demonstrate the ability to provide timely consultation as requested, fulfilling documentation and communication with the referring service in a timely fashion.

**Goal:** Serve as the supervising resident for the obstetric service for the Department of Obstetrics.

**Objectives:** The resident will:
1) Communicate directly with the medical students regarding their role in patient care.
2) Communicate directly with the other residents regarding their role in patient care.
3) Communicate directly with attending physician on duty.

**Professionalism**

**Goal:** Describe the ethical concepts for appropriate patient care.

**Objectives:** The resident will be able to describe each of the following as it pertains to the maternal-fetal unit:
1) Patient autonomy.
2) Beneficence.
3) Justice.
4) Nonmalfeasance.

**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.

**Objectives:** 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:** Use medical evidence to evaluate practices in the care of complicated obstetric patients.

**Objectives:** The resident will demonstrate the ability to:
1) Discuss studies regarding labor induction and cervical ripening.
2) Evaluate literature associated with labor and delivery care.
3) Participate in simulations and drills for common obstetrical emergencies.

**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.
5) Participate in simulations and drills for common obstetrical emergencies.
**Goal:** Discharge patients with obstetric complications with appropriate follow up.

**Objectives:** The resident will demonstrate the ability to:
1) Refer patients appropriately to home health services.
2) Refer patients appropriately for psychiatric services.
3) Refer patients appropriately for social services.
4) Refer patients for nutrition/dietary counseling and physical therapy.

**Duties and Responsibilities:**
1) Serve as the senior resident on the obstetric service.
2) Round on all Antepartum patients daily Monday through Friday. Supervise rounds on all other hospitalized patients. Coordinate weekend rounds with other non-intern members of the obstetric team.
3) Participate in teaching rounds each morning.
4) Maintain patient handoff tool in One Chart.
5) Supervise and assist first year residents and medical students with management and evaluation of Ob patients. This will include evaluation of patients and appropriate admission notes.
6) Oversee the Labor and Delivery unit. Keeping a working knowledge of all patients on the Ob service.
7) Organize the scheduling of procedures in Labor and Delivery and assure that there is appropriate resident participation and faculty notification of procedures.
8) Evaluate Obstetrical consults from other services and maternal transports as needed.
9) Serve as an educator for the other residents and medical students on the service, setting weekly educational goals and being active in the teaching of the lower-level residents and students, coordinating Diagnostics conference with attending physicians.
10) Communicate directly and effectively with the attending physician on duty.
11) Review the High Risk Clinic charts weekly with the faculty assigned to clinic and serve as the resident physician in this clinic.
12) Prepare for and present the weekly case list at Case Conference.
13) Attend Wednesday morning conferences.
14) Take night call as assigned.

**Evaluation:**
1) The MFM and Generalist Obstetrics physicians at the completion of the rotation will perform global evaluation.
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 Chief level the following will be required at the completion of the rotation: Complete surgical management of a repeat section, Operative vaginal delivery, Cerclage, Repair of a 3rd or 4th degree laceration, Documentation of complete anatomic survey of the fetus.
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.