University Obstetrics  
**Level:** PGY-2  
**Service:** University Obstetrics  
**Length of Rotation:** 3 months during which 4 to 6 weeks will be night float  

**Supervision:** HOII ——> Chief Resident ——> Attending Physician  
All management decisions will be discussed with the chief resident and/or faculty. 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:**

3) **Recommended Reading**

4) **Conferences**
   - a) Daily teaching rounds.
   - b) High Risk Planning Conference as assigned.
   - c) Wednesday Educational Conferences.
   - d) Diagnostics in Obstetrics and Gynecology.
   - e) Weekly Nob chart reviews (prepared by HO2)

**Typical weekly assignment:**

<table>
<thead>
<tr>
<th>Days</th>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
</tr>
</thead>
<tbody>
<tr>
<td>0700 am</td>
<td>Rounds</td>
<td>Rounds</td>
<td>Rounds</td>
<td>Rounds</td>
<td>Diagnostics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0700 pm</td>
<td>L&amp;D</td>
<td>L&amp;D</td>
<td>L&amp;D</td>
<td>L&amp;D</td>
<td>Cont Clinic</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Night Float**

<table>
<thead>
<tr>
<th>Days</th>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
</tr>
</thead>
<tbody>
<tr>
<td>0700</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 pm</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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 complete patient management for outlet and low operative vaginal deliveries.  

**Objectives:** The resident will be able to:

1) Appropriately counseling patients regarding the indications for a low or outlet forceps delivery.  
2) Appropriately counseling patients regarding the indications for a low or outlet vacuum delivery.  
3) Appropriately place forceps for a low or outlet delivery.  
4) Appropriately place the vacuum cup for a low or outlet delivery.  
5) Provide postoperative management for low or outlet deliveries

**Goal:** Evaluate and manage a patient with retained placenta.

**Objectives:** The resident will be able to:
1) Evaluate the placenta for evidence of retention of placental fragments.
2) Utilize physical examination and ultrasound in the evaluation of the uterus for retained placenta.
3) Appropriately counsel patients requiring removal of placental tissue.
4) Complete removal of a placenta by manual removal or uterine curettage.

Goal: Manage patients presenting with breech presentation.

Objectives: The resident will demonstrate the ability to:
1) Evaluate a patient with breech presentation.
2) Appropriate counsel patients regarding appropriate management.
3) Perform external cephalic version appropriately.
4) Perform cesarean delivery for fetuses with breech presentation.

Goal: Provide intrapartum management for patients with twin pregnancies.

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

Goal: Provide intrapartum management for patients with diabetes mellitus.

Objectives: The resident will demonstrate the ability to:
1) Discuss the principles of glycemic control during labor.
2) Evaluate the patient with diabetes for abnormal fetal growth.
3) Provide appropriate insulin therapy during labor for a patient with diabetes including consultation with DEM when appropriate.

Goal: Provide appropriate care for patients with complications during the pregnancy.

Objectives: The resident will demonstrate the ability to manage patients with:
1) Postpartum hemorrhage.
2) Third trimester bleeding.
3) Postpartum hypertension
4) Postpartum diabetes management.

Medical Knowledge

Goal: Know the diagnostic evaluation for third trimester bleeding and its management.

Objectives: The resident will demonstrate:
1) Knowledge of the evaluation of third trimester bleeding.
2) Knowledge of the different diagnosis for third trimester bleeding.
3) Knowledge of the use of ultrasound in the evaluation and management of third trimester bleeding.

Goal: Be able to identify and evaluate fetuses at risk for aneuploidy/anomalies.

Objectives: The resident will demonstrate the ability to:
1) Identify risk factors for fetal anomalies.
2) Describe the indications for prenatal diagnosis.
3) Describe findings of maternal marker screening that place the fetus at risk for anomalies.
4) Describe anomalies that would require special consideration regarding delivery.

Goal: Understand the risks of cardiac disease in the pregnant female.

Objectives: The resident will demonstrate an understanding of the following:
1) Cardiac disease that has minimal effect on the course of pregnancy and delivery.
2) Cardiac disease that can have a significant effect on maternal morbidity and mortality.
3) Hemodynamic changes of pregnancy that can adversely affect the mother.
4) Patients with cardiac disease that are at risk for fetal malformations.

Goal: Understand appropriate use of 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 obstetrical 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.

**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) Requesting consults from other services with appropriate information.
3) Entering operative reports accurately and in a timely fashion.
4) Entering discharge summaries accurately and in a timely fashion.

**Goal:** Provide appropriate counseling regarding fetal aneuploidy screening in pregnancy.

**Objectives:** The resident will be able to appropriately counsel patients:
1) Regarding the implications of first trimester screening (Serum and NT screening).
2) Regarding the implications of second trimester screening (Quadruple marker screening).
3) With a positive screen in either trimester.
4) Regarding the risks of an abnormal quad screen with a normal fetus.

**Goal:** Provide appropriate counseling for patients with fetal malformations.

**Objectives:** The resident will be able to appropriately counseling for:
1) Parents in which the diagnosis of a fetal malformation has occurred.

**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.

**Goal:** Obtain informed consent for obstetrics procedures.

**Objectives:** The resident will demonstrate the ability to:
1) Obtain informed consent appropriately for cesarean delivery.
2) Obtain informed consent appropriately for operative vaginal delivery.
3) Tubal ligation

**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:** 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 tocolytic agents and antibiotic therapy in patients 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) Attend Crew Resource Management courses 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 obstetrical simulations and drills.
6) Correctly perform “time outs” prior to procedures.

**Duties/Responsibilities:**

1) Serve as PGY-2 on the obstetric service.
2) Appropriate, professional supervision of student teaching in light of educational goals, appropriate supervision of junior residents.
3) Attend continuity clinic as assigned.
4) Supervise and assist with daily rounds, participating in teaching rounds for the obstetrical service daily.
5) Maintain patient handoff tool in One Chart.
6) Supervise and assist first year residents and medical students as assigned in Labor and Delivery.
7) Manage laboring patients and perform deliveries as assigned. Overseeing the unit activities when the senior resident on duty.
8) Schedule procedures for Labor and Delivery.
9) Evaluate Obstetrical consults from other services and maternal transports as needed.
10) Communicate directly and effectively with the attending physician on duty when the senior resident is absent or not immediately available.
11) Participate with chart review and patient visits in High-Risk Clinic as assigned, serving as the primary resident in this clinic as assigned.
12) Attend Wednesday educational conferences while on days.
13) Participate in the UNMC call schedule 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 second and third year level the following should be evaluated at least once by completion of the rotation: Operative management of repeat cesarean section, Surgical management of breech presentation, Operative vaginal delivery, Stat cesarean delivery, Repair of a third or 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.