

**Family Medicine Residency**  
**Obstetrics II Rotation**

**Rotation Goal**

The overall educational goal for the Obstetrics II curriculum in the Family Medicine residency Program will be that the Resident gain competency in the management and supervision of normal and problem pregnancies.

In the Course of the 3 year program they will have the opportunity to work one on one with a sub-specialty attending as well as a Family Medicine attending with the goal of becoming proficient in the recognition, management and the appropriate triage of both normal and problem obstetrical patients.

Educational Objectives in Obstetrics will include conferences and Didactic programs during the 3 year program. 2<sup>nd</sup> year Rotation: The resident will spend 1 month on the Obstetrical service supervising and assisting the first year resident in the management of Obstetrical patients in the OB ED, Labor and Delivery, Antepartum, and Postpartum units. The resident will have 1 to 2 half days per week in their continuity clinic at the UTFMC. The resident will have longitudinal experience in High Risk OB clinic at the UTFMC.

**Supervision**

Supervision is provided by direct observation by attending physician. Attending Physicians include Ruth Baker, M.D. FACOG., Gregg Mitchell, M.D, Scott Sadler M.D., Grant Studebaker, M.D., Christopher Knight, M.D. and Justin Turner, M.D.

**Rotation Objectives**

By the end of the Obstetrics II rotation, PGY II residents are expected to expand and cultivate skills and knowledge learned during previous training and to achieve the following objectives based on the six general competencies. Since competencies mastered in the first year of residency are competencies required for a successful clinician, the second year resident will demonstrate achieved objectives in year one with expanded knowledge, more efficiency in performance of procedures, and additional knowledge in pathophysiology encompassing more complex disorders. The resident should exhibit an increasing level of responsibility and independency as he or she progresses throughout the year.

Competency	Required Skill(s)	Teaching Method(s)	Formative Evaluation Method(s)	Frequency of Evaluation
Patient Care	<b>SPECIALTY SPECIFIC OBJECTIVES</b>			
	Perform an adequate history and physical examination of the Obstetrical patient	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
	Implement a rational plan of care for Obstetrical patients which include specialty consultations (OB/GYN or MFM), diagnostic testing, initiation of antepartum testing or	Conferences/Didactics Grand Rounds Patient Assessment	Direct Feedback Global Evaluation Procedure Certification	Daily Monthly Monthly

	medications	Case Presentations	360 Degree Evaluation	Monthly
	Provide compassionate and appropriate and effective care of the Obstetrical patient with normal and problem pregnancies while integrating evidence base medicine and local community standards of care, as well as nationally defined quality care standards and the integration of specialty recommendations upon consultation.	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
	Perform the following procedures commonly performed on Labor & Delivery: <ul style="list-style-type: none"> <li>o Sterile speculum examination</li> <li>o Interpretation of Wet prep</li> <li>o Cervical examination-dilation, effacement, station</li> <li>o Interpretation of reassuring Fetal monitoring tracings</li> <li>o Interpretation and triage of non-reassuring Fetal monitoring tracings</li> <li>o Indications and methods for the induction of labor</li> <li>o Recognition of the onset of active labor</li> <li>o Active management of normal labor</li> <li>o Active management of protracted labor</li> <li>o Placement of fetal scalp electrode</li> <li>o Placement of intrauterine pressure catheter</li> <li>o Artificial rupture of membranes</li> <li>o Limited Obstetrical Ultrasound, including but not limited to Amniotic Fluid Index, Biophysical Profile, Fetal Presentation and Placental location</li> <li>o Resuscitation of the eclamptic patient</li> <li>o Prevention and Resuscitation of Post Partum Hemorrhage</li> <li>o Prevention of seizure in the Preeclamptic patient</li> <li>o Repair of perineal, cervical and vaginal lacerations</li> <li>o Collection of arterial cord blood gases</li> </ul>	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
	Integrate a reasonable and safe method of outpatient follow-up of patients upon admission or discharge from Labor & Delivery or the postpartum ward	Conferences/Didactics Grand Rounds Patient Assessment	Direct Feedback Global Evaluation Procedure Certification	Daily Monthly Monthly

		Case Presentations	360 Degree Evaluation	Monthly
	Provide adequate, compassionate communication between the patient and the medical staff	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
	Evaluate the importance of the need for support systems in the care of Obstetrical patient	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
	Evaluate, diagnose, and treat common disorders of normal and problem pregnancies as managed by certified Obstetricians, Family Medicine and Maternal Fetal Medicine Attending Physicians including but not limited to: <ul style="list-style-type: none"> <li>• Induction of labor</li> <li>• Postpartum Endometritis</li> <li>• Postpartum Hypertensive disorders</li> <li>• Mastitis</li> <li>• Perineal lacerations including fourth degree extensions</li> <li>• Retained placenta</li> <li>• Diabetes in pregnancy</li> <li>• Pre-term labor</li> <li>• Preeclampsia in pregnancy</li> <li>• Asthma in pregnancy</li> <li>• Urinary tract infections</li> <li>• Laboring patient</li> <li>• Intra-amniotic infection</li> <li>• Postpartum hemorrhage</li> <li>• Spontaneous cephalic deliveries and vacuum assisted vaginal deliveries</li> </ul>	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
	Perform the following procedures: <ul style="list-style-type: none"> <li>• Advanced Life Support in Obstetrics</li> <li>• Antepartum, intrapartum, postpartum management (10)</li> <li>• Spontaneous vaginal delivery (40) - (10 of which may</li> </ul>	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly

	<p>be Caesarean sections)</p> <ul style="list-style-type: none"> <li>• Amniotomy (10)</li> <li>• Management of labor with meconium (1)</li> <li>• Episiotomy/2<sup>nd</sup> degree laceration repair (5)</li> <li>• Repair uncomplicated vaginal/cervical lacerations (5)</li> <li>• Internal and external fetal monitoring (10)</li> <li>• Intrauterine pressure monitoring (10)</li> <li>• Medical problems during pregnancy without significant obstetrical impact (3)</li> <li>• Assist at cesarean section (5)</li> <li>• Cervical ripening (3)</li> <li>• Augmentation of labor (oxytocin) (5)</li> <li>• Limited obstetrical ultrasound presentation ,deepest vertical pocket, BPP, placental location (10)</li> <li>• Aminoinfusion (5)</li> <li>• Application of fetal scalp electrode (10)</li> <li>• Cervical Exam which agrees with L &amp; D RN or Faculty attending (10)</li> <li>• Insertion of intra-uterine pressure catheter (10)</li> <li>• Supervision of normal spontaneous vaginal deliveries Deliveries (after 35 deliveries)</li> <li>• Fetal Heart tracing Assessment (10)</li> <li>• Placement of Fetal Scalp electrode (10)</li> <li>• Active management of Labor</li> <li>• Infant assessment of Continuity delivery (2) - may be Cesarean Section</li> </ul> <p>Elective:</p> <ul style="list-style-type: none"> <li>• Repair of third degree lacerations</li> <li>• Repair of fourth degree laceration</li> <li>• C-section (50)</li> <li>• Dilatation and curettage (fetal loss &lt;12 weeks) (3)</li> <li>• Vacuum Extraction (10)</li> <li>• VBAC (1)</li> <li>• Manual exploration of uterus/extraction of placenta (1)</li> </ul>			
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	<ul style="list-style-type: none"> <li>• Management of intrauterine fetal demise (1)</li> </ul>			
Medical Knowledge	<b>SPECIALTY SPECIFIC OBJECTIVES</b>			
	Apply knowledge base to competently provide care to the obstetrical patient: <ul style="list-style-type: none"> <li>• Pregnancy management</li> <li>• Pregnancy risk assessment systems and their implementation</li> <li>• Common problems in each trimester of pregnancy</li> <li>• Perinatal regional planning and referral systems</li> <li>• Indications and diagnosis for C-Section</li> <li>• Counsel women regarding breast feeding</li> <li>• Drug use during pregnancy and lactation (legal and illegal)</li> <li>• Manage postpartum patient</li> <li>• Manage postpartum surgical patient</li> <li>• Establish rapport with the OB patient and her family</li> <li>• Prenatal screening.</li> <li>• Clinical Pelvimetry</li> <li>• Pregnancy dating criteria</li> <li>• Utilize risk assessment protocols in antepartum fetal surveillance</li> <li>• Assess normal growth and position of fetus</li> <li>• Evaluate fetal maturity and fetoplacental adequacy</li> <li>• Active management of labor, oxytocin, use of fetal scalp electrode, IUPC</li> <li>• Interpret fetal monitoring</li> <li>• Use of obstetrical anesthesia</li> <li>• Resuscitate infant and provide basic newborn care</li> <li>• Use of local anesthetics in obstetrics</li> <li>• Perform exploration of vagina, cervix, and uterus</li> </ul>	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
	Exemplify the role of the primary care provider in preparing the family for the new child (preconception and prenatal counseling)	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
Practice Based	<b>SPECIALTY SPECIFIC OBJECTIVES</b>			

Learning and Improvement	See General Family Medicine Objectives for a comprehensive list.			
	Identify strengths, deficiencies and limits in one's knowledge and expertise; set learning and improvement goals; and identify and perform appropriate learning activities	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
	Locate, appraise and assimilate evidence from scientific studies related to their patients' health problems (i.e., use information technology to optimize learning and evidence based resources)	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
	Educate patients, families, students, residents and other health professionals, as documented by evaluations of a resident's teaching abilities by faculty and/or learners	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
Interpersonal and Communication Skills	<b>SPECIALTY SPECIFIC OBJECTIVES</b>			
	See General Family Medicine Objectives for a comprehensive list.			
	Communicate effectively with families while in the presence of their daily preceptor.	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
	Educate patients and their families about the availability of community resources	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
	Provide psychosocial support and counseling for the obstetrical patient	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
	Convey information in a clear and concise manner to patients, families, and other health professionals (i.e., use appropriate vocabulary choice, realistic outcomes, and working with difficult patients and family)	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
Professionalism	<b>SPECIALTY SPECIFIC OBJECTIVES</b>			
	See General Family Medicine Objectives for a comprehensive list.			

	Provide compassionate and high quality care to all patients regardless of gender, age, culture, race, religion, disabilities, sexual orientation or socioeconomic class	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations Press Gainey Survey	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
	Exemplify the highest standards of professionalism when interacting with patients or other health care providers (i.e., integrity, respect, accountability, punctuality)	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations Press Gainey Survey	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
	Initiate discussions with patients and family about “difficult situations” involving poor outcomes, poor prognosis, and/or risk versus benefit of various treatment modalities	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations Press Gainey Survey	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
Systems-Based Practice	<b>SPECIALTY SPECIFIC OBJECTIVES</b>			
	See General Family Medicine Objectives for a comprehensive list.			
	Integrate the considerations of cost awareness and risk-benefit analysis in patient care	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
	Advocate for quality patient care and optimal patient care systems	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
	Assess the role of ancillary modalities of patient care that are available and pertain to the specialty including: <ul style="list-style-type: none"> <li>• Nutritional education, wound care, physical therapy and mental health referral for psychiatric illness.</li> <li>• Awareness of community resources such as the Health Department, DHS, DCS and proper triage of patients when abuse is suspected.</li> <li>• Incorporation of cost awareness and benefit analysis in the ordering of appropriate laboratory and radiology services.</li> </ul>	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly

	Demonstrate correct use of coding and billing relevant to obstetrical care.	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
	Lead an interprofessional team to enhance patient safety and improve patient care quality in various health care delivery settings and systems	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly

**Resource Topics to Read**

- Induction of Labor (Obstet Gynecol 2009; 114:386-97) Publication, August 2009
- Gestational Diabetes Mellitus (Obstet Gynecol 2018; 131:e49-64) (Interim Update) Publication, February 2018
- Chronic Hypertension in Pregnancy (Obstet Gynecol 2019; 133:e26-50) Publication, December 20, 2018
- Vaginal Birth After Cesarean Delivery (Obstet Gynecol 2019; 133:e110-27) (Interim Update) Publication, January 24, 2019
- Operative Vaginal Birth (Interim Update) (Obstet Gynecol 2020; 135:e149-59) Publication, March 26, 2020

**Educational Resources (available on site or through JMCGH intranet or UT Library)**

1. ACOG Practice Bulletins
2. [www.uptodate.com](http://www.uptodate.com)
3. Williams Obstetrics
4. Gabbe Normal & Problem Pregnancies