

**Family Medicine Residency**  
**Obstetrics I Rotation**

**Rotation Goal**

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

The OB Core rotation for the First Year residents consists of 2 months managing Labor and Post Partum units. For second year residents the OB Core Rotation consists of one month supervising and assisting the First year resident in managing the Labor and Postpartum units. These rotations are performed exclusively at Jackson Madison County General Hospital. During the rotation each resident will have at least one half day but no more than 2 half days per week in the Family Medicine Clinic.

Supervision of Labor and Delivery is performed by Faculty physicians, and Family Resident Physicians who are second and third year Residents and have completed at least thirty deliveries. Board Certified Obstetricians serve in a back up capacity.

In the Course of the 3 year program they will have the opportunity to work with one on one with a sub-specialty attending as well as 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. 1<sup>st</sup> year Rotation: The resident will spend 2 months on the Obstetrical service in house on Labor and Delivery. Each resident will spend 1 half day in their continuity clinic at the UTFMC. The resident will have rotation and longitudinal experience in OB Chart review and High Risk OB clinic at the UTFMC.

**Supervision**

Supervision is provided by direct observation by attending physician and senior resident. Attending Physicians include Ruth Baker, M.D. FACOG; Gregg Mitchell, M.D., Scott Sadler M.D., Michael Martin, M.D., and Jeremy Draper, M.D.

**Rotation Objectives**

By the end of the Obstetrics I rotation, PGY I 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. 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>			
	Under direct supervision, perform an adequate history and physical examination of the Obstetrical patient	Conferences/Didactics Grand Rounds Patient Assessment	Direct Feedback Global Evaluation Procedure Certification	Daily Monthly Monthly

		Case Presentations	360 Degree Evaluation	Monthly
	Develop a rational plan of care for Obstetrical patients which include specialty consultations (OB/GYN or MFM), diagnostic testing, initiation or alteration of antepartum testing or medications	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
	Develop skills that allow for 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
	Under direct supervision, develop skills to perform the following procedures commonly performed on Labor & Delivery: <ul style="list-style-type: none"> <li>• Sterile speculum examination</li> <li>• Wet prep Interpretation</li> <li>• Cervical examination-dilation, effacement, station</li> <li>• Interpretation of reassuring Fetal monitoring tracings</li> <li>• Interpretation and triage of non-reassuring Fetal monitoring tracings</li> <li>• Indications and methods for the induction of labor</li> <li>• Recognition of the onset of active labor</li> <li>• Active management of normal labor</li> <li>• Active management of protracted labor</li> <li>• Placement of fetal scalp electrode</li> <li>• Placement of intrauterine pressure catheter</li> <li>• Artificial rupture of membranes</li> <li>• Limited Obstetrical Ultrasound, including but not limited to Amniotic Fluid Index, Biophysical Profile, Fetal Presentations and Placental locations</li> <li>• Treatment of intrapartum hemorrhage</li> <li>• Resuscitation of the eclamptic patient</li> <li>• Prevention and resuscitation of the Post Partum Hemorrhage patient</li> <li>• Prevention of seizure in the Preeclamptic patient</li> <li>• Repair of perineal, cervical and vaginal lacerations</li> </ul>	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly

	<ul style="list-style-type: none"> <li>• Collection of arterial cord blood gases</li> </ul>			
	Describe examples of reasonable and safe methods of outpatient follow-up of patients upon admission or discharge from Labor & Delivery or the postpartum ward	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
	Develop basic skills to 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
	Recognize the importance of the need for support systems in the care 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
	<p>Under direct supervision, develop basic skills to perform the following procedures:</p> <ul style="list-style-type: none"> <li>• Advanced Life Support of Obstetrics</li> <li>• Antepartum, intrapartum, postpartum management (10)</li> <li>• Spontaneous vaginal delivery (40)</li> <li>• Assist at Cesarean Section (10 can count toward delivery numbers, 5 required)</li> <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>• Cervical ripening (3)</li> <li>• Augmentation of labor (oxytocin) (5)</li> <li>• Limited obstetrical ultrasound: presentation ,BPP, deepest vertical pocket, 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> </ul>	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly

	<ul style="list-style-type: none"> <li>• Insertion of intra-uterine pressure catheter (10)</li> <li>• Fetal Heart tracing Assessment (10)</li> <li>• Placement of Fetal Scalp electrode (10)</li> <li>• Active management of Labor</li> <li>• Continuity delivery – evaluation of infant (2) of which may be Caesarean Section</li> </ul> <p>Elective:</p> <ul style="list-style-type: none"> <li>• Repair of third degree lacerations (2)</li> <li>• Repair of fourth degree laceration (1)</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> <li>• Management of intrauterine fetal demise (1)</li> </ul>			
Medical Knowledge	<b>SPECIALTY SPECIFIC OBJECTIVES</b>			
	<p>Develop basic knowledge to competently provide care to the obstetrical patient:</p> <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</li> </ul>	<p>Conferences/Didactics Grand Rounds Patient Assessment Case Presentations</p>	<p>Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation</p>	<p>Daily Monthly Monthly Monthly</p>

	<p>surveillance</p> <ul style="list-style-type: none"> <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>• Interpretation of 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>			
	<p>Develop basic knowledge of 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:</p> <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>	<p>Conferences/Didactics Grand Rounds Patient Assessment Case Presentations</p>	<p>Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation</p>	<p>Daily Monthly Monthly Monthly</p>
	<p>Describe role of the primary care provider in preparing the family for the new child (preconception and prenatal counseling)</p>	<p>Conferences/Didactics Grand Rounds Patient Assessment Case Presentations</p>	<p>Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation</p>	<p>Daily Monthly Monthly Monthly</p>
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
	Participate in the education of 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
	Research and describe community resources available to patients and their families	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly
	Describe the mechanisms for psychosocial support and counseling	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.			

	Develop skills to 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
	Behave in a professional manner 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
	Participate in discussion 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.			
	Summarize 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
	Develop a basic understanding of 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</li> </ul>	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly

	services.			
	Develop an understanding 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
	Work effectively in various health care delivery settings and systems relevant to their clinical specialty and work in interprofessional teams to enhance patient safety and improve patient care quality	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation Procedure Certification 360 Degree Evaluation	Daily Monthly Monthly Monthly

**Educational Resources**

1. Williams Obstetrics
2. Gabbe Normal & Problem Pregnancies
3. ACOG Compendium
4. CREOG
5. [www.uptodate.com](http://www.uptodate.com) available through JMCGH intranet or UT Library