

**Family Medicine Residency**  
**Procedure Curriculum**  
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**Rotation Goal**

After completing the longitudinal and block procedural curriculum, the resident will be competent to independently perform core procedures. Also during residency training, the resident will identify specific procedures that he/she plans to incorporate into private practice. After identifying these procedures, the resident will seek additional training to achieve competence.

**Supervision**

Residents will be supervised by attendings and upper-level residents who are competent to perform the specific procedure.

**Rotation Objectives**

By the end of the Procedure Curriculum, 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. 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 a history and physical examination and identify the need for a diagnostic or therapeutic procedure	Procedure Workshops Direct Guidance Procedure Clinics	Direct Observation Global Evaluation	Daily Monthly
	Adequately and compassionately communicate the risks, benefits, and indications for a procedure and obtain consent	Procedure Workshops Direct Guidance Procedure Clinics	Direct Observation Global Evaluation	Daily Monthly
	Develop skills that allow for competent performance of necessary procedures	Procedure Workshops Direct Guidance Procedure Clinics	Direct Observation Global Evaluation	Daily Monthly
	Seek specialty consultation when appropriate	Procedure Workshops Direct Guidance Procedure Clinics	Direct Observation Global Evaluation	Daily Monthly
	Coordinate care with the patient, his/her family and consultants	Procedure Workshops Direct Guidance Procedure Clinics	Direct Observation Global Evaluation	Daily Monthly
	Establish a reasonable method of follow-up if necessary	NICU Grand Rounds	Direct Feedback	Daily

		Daily Rounds Self Directed Learning	Global Evaluation 360 Degree Evaluation Case Discussion	Monthly Monthly End of rotation
	<p>Under direct supervision, perform the following procedures necessary for the treatment of family medicine patients :</p> <ul style="list-style-type: none"> <li>• Advanced cardiac life support</li> <li>• Admission to cardiac monitor/telemetry (10)</li> <li>• Admission to intensive care unit (15)</li> <li>• Medical Resuscitation (10)</li> <li>• X-Ray Interpretation (10)</li> <li>• Casting and splinting (5)</li> <li>• Circumcision (neonatal) (10)</li> <li>• Electrocardiogram interpretation (25)</li> <li>• Endometrial biopsy (1)</li> <li>• Fracture management simple non-displaced (5)</li> <li>• Foreign body removal (1)</li> <li>• Laceration repair (5)</li> <li>• Lumbar puncture adult (3)</li> <li>• Lumbar puncture pediatric (3)</li> <li>• I&amp;D abscess or cyst (3)</li> <li>• Intrauterine device placement and removal (3)</li> <li>• Joint aspiration and injection (1)</li> <li>• Nasogastric intubation (1)</li> <li>• Pap smear (1)</li> <li>• Pediatric Advanced Life Support</li> <li>• Neonatal Advanced Life Support</li> <li>• Regional anesthetic block (1)</li> <li>• Skin biopsy (1)</li> <li>• Soft issue injections (1)</li> <li>• Uncomplicated joint reduction (3)</li> <li>• Wound debridement (2)</li> </ul>	Procedure Workshops Direct Guidance Procedure Clinics	Direct Observation Global Evaluation	Daily Monthly

	<p>Under direct supervision, perform the following procedures relevant to the treatment of OB patients:</p> <ul style="list-style-type: none"> <li>• Advanced Life Support of Obstetrics</li> <li>• Antepartum, intrapartum, postpartum mgmnt (10)</li> <li>• Spontaneous vaginal delivery (35)</li> <li>• Amniotomy (1)</li> <li>• Management of labor with meconium (1)</li> <li>• Episiotomy/2<sup>nd</sup> degree laceration repair (3)</li> <li>• Repair uncomplicated vaginal/cervical lacerations (3)</li> <li>• Internal and external fetal monitoring (5)</li> <li>• Intrauterine pressure monitoring (3)</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) (3)</li> <li>• Limited obstetrical ultrasound (10)</li> <li>• Amnioinfusion (3)</li> <li>• Application of fetal scalp electrode (3)</li> </ul>	<p>Procedure Workshops Direct Guidance Procedure Clinics</p>	<p>Direct Observation Global Evaluation</p>	<p>Daily Monthly</p>
	<p>Under direct supervision, perform the following elective procedures including:</p> <p><b>Cardiology</b></p> <ul style="list-style-type: none"> <li>• Exercise stress testing (50)</li> <li>• Holter monitor interpretation (20)</li> </ul> <p><b>Endoscopy</b></p> <ul style="list-style-type: none"> <li>• Sigmoidoscopy (25)</li> <li>• Upper endoscopy (25)</li> <li>• Colonoscopy (50)</li> <li>• Nasolaryngoscopy (10)</li> </ul> <p><b>Obstetrics</b></p> <ul style="list-style-type: none"> <li>• Fourth degree laceration repair (1)</li> <li>• C-section (50)</li> <li>• Dilation and curettage (fetal loss &lt;12 weeks) (3)</li> <li>• Vacuum Extraction (10)</li> <li>• VBAC (1)</li> </ul>	<p>Procedure Workshops Direct Guidance Procedure Clinics</p>	<p>Direct Observation Global Evaluation</p>	<p>Daily Monthly</p>

	<ul style="list-style-type: none"> <li>• Manual exploration of uterus/extraction of placenta (1)</li> <li>• Management of intrauterine fetal demise (1)</li> <li>• Repair of third degree lacerations (2)</li> </ul> <p><b>Gynecology and Reproductive medicine</b></p> <ul style="list-style-type: none"> <li>• Colposcopy with biopsies (25)</li> <li>• Colposcopy with LEEP (3)</li> <li>• Vasectomy (3)</li> <li>• Fine needle aspiration (breast) (1)</li> </ul> <p><b>Pediatrics</b></p> <ul style="list-style-type: none"> <li>• Insertion of umbilical catheter (1)</li> </ul> <p><b>Psychiatry</b></p> <ul style="list-style-type: none"> <li>• Mental Health Evaluation (10)</li> </ul> <p><b>Surgery</b></p> <ul style="list-style-type: none"> <li>• Advance Trauma Life Support</li> <li>• Chest tube insertion and management (3)</li> <li>• Incision of thrombosed hemorrhoid (1)</li> <li>• Assist at surgery (5)</li> </ul> <p><b>Other</b></p> <ul style="list-style-type: none"> <li>• Bone marrow biopsy in adults (1)</li> <li>• Diagnostic paracentesis (1)</li> <li>• Diagnostic thoracocentesis (1)</li> <li>• Paracentesis (3)</li> <li>• Thoracocentesis (3)</li> <li>• Central venous access (10)</li> <li>• Intubation (5)</li> <li>• Procedural Sedation (5)</li> <li>• Eye Exam for Foreign Body (1)</li> <li>• Trauma Resuscitation (5)</li> <li>• Medical Resuscitation (10)</li> <li>• X-ray Interpretation (10)</li> <li>• Anterior nasal packing (1)</li> <li>• Arterial puncture (1)</li> <li>• Osteopathic Manipulative Therapy</li> </ul>			
Medical Knowledge	<b>SPECIALTY SPECIFIC OBJECTIVES</b>			

	Identify the indications for a procedure, perform the procedure and post-procedure care and follow-up	Procedure Workshops Direct Guidance Procedure Clinics	Direct Observation Global Evaluation	Daily Monthly
	Demonstrate knowledge of established and evolving biomedical, clinical, epidemiological, and social-behavioral sciences, indications for diagnostic and therapeutic procedures, and the competent performance of core and elective procedures	Procedure Workshops Direct Guidance Procedure Clinics	Direct Observation Global Evaluation	Daily Monthly
Practice Based Learning and Improvement	<b>SPECIALTY SPECIFIC OBJECTIVES</b>			
	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	Procedure Workshops Direct Guidance Procedure Clinics	Direct Observation Global Evaluation	Daily Monthly
	Utilize evidence based resources in the care of all patients	Procedure Workshops Direct Guidance Procedure Clinics	Direct Observation Global Evaluation	Daily 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	Procedure Workshops Direct Guidance Procedure Clinics	Direct Observation Global Evaluation	Daily Monthly
	Systematically analyze practice, using quality improvement methods, and implement changes with the goal of practice improvement	Procedure Workshops Direct Guidance Procedure Clinics	Direct Observation Global Evaluation	Daily 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.	Procedure Workshops Direct Guidance Procedure Clinics	Direct Observation Global Evaluation	Daily Monthly
	Educate families about community resources	Procedure Workshops Direct Guidance Procedure Clinics	Direct Observation Global Evaluation	Daily Monthly
	Provide families psychosocial support and counseling as	Procedure Workshops	Direct Observation	Daily

	indicated	Direct Guidance Procedure Clinics	Global Evaluation	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)	Procedure Workshops Direct Guidance Procedure Clinics	Direct Observation Global Evaluation	Daily 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	Procedure Workshops Direct Guidance Procedure Clinics	Direct Observation Global Evaluation	Daily Monthly
	Behave in a professional manner when interacting with patients or other health care providers (i.e., integrity, respect, accountability, punctuality)	Procedure Workshops Direct Guidance Procedure Clinics	Direct Observation Global Evaluation	Daily Monthly
Systems-Based Practice	<b>SPECIALTY SPECIFIC OBJECTIVES</b>			
	See General Family Medicine Objectives for a comprehensive list.			
	Critically evaluate the risks and benefits of a procedure	Procedure Workshops Direct Guidance Procedure Clinics	Direct Observation Global Evaluation	Daily Monthly
	Identify methods/procedures that will improve the risk/benefit profile for a procedure	Procedure Workshops Direct Guidance Procedure Clinics	Direct Observation Global Evaluation	Daily Monthly
	Effectively communicate the risks/benefits with the patient	Procedure Workshops Direct Guidance Procedure Clinics	Direct Observation Global Evaluation	Daily Monthly

### **Educational Resources**

1. Procedures for Primary Care by John Pfenninger and Grant Fowler
2. *American Family Physician* journal
3. Advanced Cardiac Life Support curriculum
4. Advanced Life Support for Obstetrics curriculum
5. Pediatric Advanced Life Support curriculum
6. Neonatal Resuscitation Program curriculum