

UCFMRP Global & Undeserved Health Curriculum:
Useful procedures for family physicians working in low-resource settings

This list was created to guide FM resident procedural training, it is not mandatory but can help guide elective options. For questions contact daniel.kortsch@dhha.org

	Basic Training: Generally applicable and broadly useful.	Advanced Training: Requires higher level of training and/or technology
Anesthesia	Topical anesthesia Local anesthesia/field block	Peripheral nerve block Conscious sedation
Dental	Tooth Extractions Temporary Fillings Dental peripheral nerve block	
Gastrointestinal & Colorectal	Anoscopy Excision of thrombosed hemorrhoid Nasogastric tube Fecal disimpaction	Flexible sigmoidoscopy or colonoscopy Incision and drainage of perirectal abcess
Genitourinary	Newborn circumcision Bladder catheterization	Vasectomy Adult circumcision
Laboratory	KOH (skin and vaginal) ECG electrode placement Urine microscopic analysis Peripheral smear evaluation (malaria, etc) Urine dipstick analysis	Gram Stain Fine needle aspiration of superficial masses & lymphatics
Life support courses	Advanced Cardiac Life Support, Neonatal Resuscitation Program, Pediatric Advanced Life Support, Advanced Life Support in Obstetrics	Advanced Trauma Life Support, Comprehensive Advanced Life Support
Musculoskeletal	Initial management of simple fractures Closed reduction Upper and lower extremity splints Injection & aspiration of knee, shoulder, troch. bursa, trigger fingers, trigger points Reduction of shoulder dislocation Reduction of nursemaid’s elbow	Upper and lower extremity casts
Pregnancy care	Spontaneous vaginal delivery Amniotomy Fetal monitoring Fetal scalp electrode Labor induction/augmentation 1st-3rd degree vaginal laceration repair	Assisted vaginal delivery Cesarian section Intrauterine pressure catheter and amnioinfusion 4th degree vaginal laceration repair
Skin	Biopsies (punch, excisional) Cryosurgery Remove warts, fingernail, toenail, foreign body Incision and drainage of abcess Advanced Cardiac Life Support, Neonatal Resuscitation Program, Pediatric Advanced Life Support, Advanced Life Support in Obstetrics Remove corn/callous Drain subungual hematoma Skin staples Laceration repair with tissue glues Skin tag removal	Skin grafts
Ultrasound	Basic prenatal ultrasound: Amniotic Fluid Index, fetal presentation, placental location Cholesystitis Ultrasound guidance for central vascular access, paracentesis, thoracentesis	Advanced prenatal ultrasound: Dating, Anatomic survey Cardiac evaluation Abdominal trauma evaluation Renal evaluation
Urgent & hosptial care	Fluorescein exam Foreign body removal Anterior nasal packing for epistaxis Lumbar puncture Fine needle aspiration of mass Foreign body removal Ring removal Arterial line Pediatric vascular access: Peripheral & intraosseus Fish hook removal Phlebotomy Peripheral venous access IM injections and vaccinations	Slit lamp exam Endotracheal intubation Thoracentesis Paracentesis Cardiac Stress Testing Central venous catheter Venous cutdown Pediatric umbilical vascular access
Women’s health	Pap smear Intrauterine device insertion/removal Wet mount, KOH IUD placement & removal Vulvar biopsy Cervical dilation Fine needle aspiration of breast	Paracervical block Endometrial biopsy Bartholin’s cyst management Colposcopy Cervical cryotherapy Uterine aspiration/dilation and curettage