

## Appendix A: Medical Content of Curriculum, Conditions and Diseases 3.19.05

**Core:** Students will be able to discuss the causes, pathophysiology, clinical features, management, and prevention of the condition and will have experience with real or simulated patients (e.g. standardized patients, case-based teaching exercises) with this condition.

**Enrichment:** Students may be able to discuss the causes, pathophysiology, clinical features, and management of this condition. Students are encouraged but not required to have experience with real or simulated cases.

System	Core	Clerkship	Enrichment	Clerkship
<b>Foundations</b>	Acid-base, electrolyte & fluid homeostasis disorders (inc. DKA, hyperosmolar states)	IM, Peds, Surg		
	Shock	Surg, IM, Peds		
	Organ transplantation	Surg		
	Ethical issues	All clerkships		
<b>Inflammation &amp; Immunity</b>			Allergic reaction	FM
<b>Genetics &amp; Neoplasia</b>	Abnormal Pap smear	Ob/Gyn, FM	Gestational trophoblastic neoplasia	Ob/Gyn
	Gynecological malignancy	Ob/Gyn	Cancer Diagnosis	Amb/Geri, FM
	Oncologic emergencies	IM	Cancer Care	Amb/Geri, FM, IM
	Cancer Screening	Amb/Geri, FM		
	Lung cancer	Surg	Sickle cell disease	FM, Peds
	Trisomy 21	Peds	Turner's Syndrome	Peds
	Cystic fibrosis	Peds	Fragile X	Peds
	Sickle-cell disease	Peds	Fetal alcohol	Peds
	Spina bifida	Peds		
	Esophageal atresia	Surg		
	Patent ductus arteriosus	Surg		
	Omphalocele/gastrochisis	Surg		
	Undescended testicle	Surg		
	Other chromosomal, genetic, congenital conditions	Peds		

<b>System</b>	<b>Core</b>	<b>Clerkship</b>	<b>Enrichment</b>	<b>Clerkship</b>
<b>Cardiopulmonary</b>	Otitis media	FM, Peds.		
	Otitis externa	FM		
	Serous otitis	FM, Peds.		
	Rhinitis (inc. allergic)	FM, Peds		
	Nasal polyp	Surg		
	Sinusitis	Amb/Geri, FM		
	Pharyngitis	FM, Amb/geri, Peds		
	Laryngeal surgical conditions	Surg		
	Upper respiratory infection (URI)	FM, Amb/geri, Peds	Influenza	Amb/Geri
	Impacted cerumen	FM, Amb/geri, Surg		
	Asthma	FM, IM,Peds		Amb/Geri
	Acute bronchitis	FM, Amb/geri, Peds		
	COPD/Chronic bronchitis	Amb/geri IM		FM
	Pneumonia	IM, Peds		Amb/geri, FM
	Lung nodule	Surg		
	Pneumothorax/hemothorax	Surg		
	Respiratory distress/failure/ARDS	IM, Peds, Surg		
	Hypertension	FM, Amb/Geri IM		
	CAD/acute coronary syndromes	IM, Amb/Geri, FM, Surg	MI aftercare	Amb/Geri, FM
	Congestive Heart Failure	Amb/Geri, FM, IM		
			DVT	Amb/Geri, FM, Surg
	Atherosclerotic conditions/chronic angina	IM, Amb/Geri Surg		

<b>System</b>	<b>Core</b>	<b>Clerkship</b>	<b>Enrichment</b>	<b>Clerkship</b>
	Valvular heart disease	IM, Surg		
	Common conduction disorders (inc afib, blocks, SVTs, VT)	IM		Amb/Geri, FM
	Peripheral vascular/	Surg, IM		
	carotid/related conditions	Surg/IM		
	Aortic aneuysm	Surg		
<b>Gastrointestinal &amp; Nutrition</b>	GE reflux/esophageal conditions	Amb/Geri, FM, Surg		
	PUD/gastritis	Amb/Geri, FM		
	Gi hemorrhage	Surg, IM		Amb/Geri
	Gastroenteritis	FM, Peds		Amb/Geri
	IBS/small bowel diseases	Amb/geri, FM, Surg		
	Appendicitis/Meckel's diverticulitis	Surg		
	Peritonitis	Surg		
	Pancreatitis/pancreatic conditions	IM, Surg		
	Hepatic/biliary conditions (inc. cirrhosis)	Surg, IM		FM, Amb/Geri
	Perianal disease/hemorrhoids	Surg		Amb/Geri
	Inflammatory bowel disease	Surg, IM		
	Gi/abdominal malignancy	Surg, IM		
	Herniae	Surg		
	Infant feeding problems	Peds		
	Failure to thrive (infant)	Peds		FM
	Failure to thrive (geriatric)	Amb/Geri		FM
	Nutritional support	Peds, Amb/Geri, Surg		
	Diverticular disease	Surg		FM, Amb/Geri
<b>Renal &amp; Endocrine</b>	UTI	Amb/Geri FM,Surg	Nephrolithiasis	FM, IM, Amb/Geri, Surg
	Prostatic hypertrophy	Amb/Geri FM, Surg	Pyelonephritis	Amb/Geri, Ob/Gyn,Surg
	Prostatic cancer	Surg		
	Renal insufficiency/failure	IM, Amb/Geri		

<b>System</b>	<b>Core</b>	<b>Clerkship</b>	<b>Enrichment</b>	<b>Clerkship</b>
			Urethritis	FM
	Epididymitis	Surg		FM
	Prostatitis	Surg		Amb/Geri, FM
			Testicular mass	Surg
	Diabetes Mellitus type II	Amb/Geri, FM		
	Diabetes Mellitus, type I	IM, Peds		Amb/Geri, FM
	Hypothyroidism	Amb/Geri, FM, IM		
	Hyperthyroidism	IM		Amb/geri, FM
	Hyperlipidemia	Amb/Geri, FM		
	Hormone replacement	Amb/Geri, FM		
	Thyroid cancer/mass/nodule	Surg		
	Hyperparathyroidism	Surg		
	Adrenal hyper/hypofunction	IM		
<b>Sexuality &amp; Reproduction</b>	Prenatal care	Ob/Gyn		FM
	Abnormal labor	Ob/Gyn		
	Normal delivery	Ob/Gyn		FM
	Postpartum care	Ob/Gyn		FM
	Ectopic pregnancy	Ob/Gyn		
	Spontaneous abortion	Ob/Gyn	Medical, surgical, psychiatric conditions of pregnancy	Ob/Gyn
	Hypertensive conditions of pregnancy	Ob/Gyn		
			Isoimmunization	Ob/Gyn
			Multifetal gestation	Ob/Gyn
			Fetal abnormality/death	Ob/Gyn
	Third trimester bleeding	Ob/Gyn		
	Preterm labor/PROM	Ob/Gyn		
	Postterm pregnancy	Ob/Gyn		

<b>System</b>	<b>Core</b>	<b>Clerkship</b>	<b>Enrichment</b>	<b>Clerkship</b>
	Fetal distress	Ob/Gyn		
	Fetal growth abnormalities	Ob/Gyn		
	Postpartum hemorrhage	Ob/Gyn	Retained placenta	Ob/Gyn
	Postpartum infection	Ob/Gyn		
	Postpartum depression/psychosis	Ob/Gyn		Psych
	Vaginitis/cervicitis	Ob/Gyn, FM		Amb/Geri
	Conditions vulva	Ob/Gyn		FM
	Endometriosis/adenomyosis	Ob/Gyn		
	Uterine fibroid	Ob/Gyn		Amb/Geri, FM
	Pelvic relaxation	Ob/Gyn		Amb/Geri
	Menopause	Ob/Gyn Amb/Geri, FM		
	Breast conditions/mass/cyst/cancer	Surg		Amb/Geri, FM,
	Contraception	Ob/Gyn, FM		
<b>Brain, Mind and Behavior</b>	Sleep disorders	Amb/Geri,		Neuro, FM, Peds, Psych
	Multiple sclerosis/demyelinating conditions	Neuro		Amb/Geri, FM
	Seizure disorders	Neuro, Peds		Amb/Geri, FM
	Cerebrovascular disease/stroke/TIA/aneurysm	Neuro, Amb/Geri, IM, Surg		FM, Psych
	Parkinson's disease/movement disorders	Amb/Geri, Neuro		
	Increased intracranial pressure	Neuro	Disturbances of CSF circulation	Neuro
	Infections of nervous system/meningitis	Neuro, IM, Peds		FM,
	Intracranial neoplasm	Surg		Neuro, Peds
	CNS degenerative conditions	Neuro		
	Pain syndromes	Neuro		
	Cranio-cerebral trauma	Peds, Surg		Neuro
	Other CNS/Spinal cord conditions	Neuro, Peds		
	Muscle and nerve conditions	Neuro, FM		Peds
	Nerve entrapment (carpal	Surg		

<b>System</b>	<b>Core</b>	<b>Clerkship</b>	<b>Enrichment</b>	<b>Clerkship</b>
	tunnel)/peripheral nerve injury			
	Depression/mood disorders	Amb/Geri, FM, Psych		
			PMS/PLPD	OB/Gyn
	Anxiety Disorders/Panic	FM, Psych		Amb/Geri
			Eating disorders	FM, Ob/Gyn. Psych
	Alcoholism	Amb/Geri, FM, Psych		Ob/Gyn
	ADHD/related conditions	Peds, Psych		FM
	Childhood behavioral problems	Peds		Psych
	Cognitive conditions (dementia, delirium)	Amb/Geri, Psych, Neuro	Factitious disorders	Psych
	Schizophrenia/psychoses	Psych		
			Impulse control disorders	Psch
	Somatization	Psych		Amb/Geri, FM
	Adjustment disorders	Psych		Amb/Geri, FM
	Personality disorders	Psych	Sexual/gender identity disorders	Psych
	Substance abuse	Psych		FM, Amb/Geri, Ob/Gyn
	Mental retardation, developmental disabilities	Peds,		Psych
	Conjunctivitis	FM	Hordeolum	FM
	Cataract	Surg		Amb/Geri, FM
	Retinal detachment	Surg	Blepharitis	Amb/Geri, FM
	Strabismus/refractive errors	Surg		FM
	Corneal abrasion	Surg		FM
			Foreign body eye	FM
	Glaucoma	Surg		
<b>Musculoskeletal and Soft Tissue</b>	Osteoarthritis/DJD	Amb/Geri, FM, Surg		
	Osteoporosis	Amb/Geri,		

<b>System</b>	<b>Core</b>	<b>Clerkship</b>	<b>Enrichment</b>	<b>Clerkship</b>
	Gout	IM		
	Rheumatoid arthritis	IM		
	Other arthritis	Amb/Geri		FM
	Systemic lupus erythematosus (SLE)	IM	Overuse syndromes, tenosynovitis	Amb/Geri, FM
	Ankle sprain	FM,		
	Simple fracture (extremity)	Surg		FM
	Fat embolism	Surg	Complicated fracture	FM, Surg
	Joint dislocation	Surg		
	Mangled extremity	Surg		
	Acne	FM		
	Warts	FM	Bite/sting	FM
	Nevus/skin neoplasm	FM, Surg		Amb/Geri
	Tinea	FM		Amb/Geri
	Skin infections/furuncle/carbuncle	FM, Surg		Amb/Geri
	Actinic keratosis	Amb/geri, FM		
	Seborrheic keratosis	Amb/Geri, FM		
	Ingrown nail	FM		
	Dermatitis	Amb/Geri, Peds		FM
	Decubitus/pressure ulcer	Amb/Geri, Surg		FM
	Pilonidal cyst	Surg		
	Wounds/lacerations	Surg		FM
	Abdominal wall herniae	Surg		
	Burn	Surg		FM
<b>Blood &amp; Lymphoid</b>	Anemia	Amb/Geri, FM		
	Bleeding/clotting disorders	IM		
<b>Infectious Disease</b>	HIV	Amb/Geri, IM		FM
			Varicella/zoster	Amb/Geri, FM
	STDs (inc PID)	FM, Ob/Gyn, Peds		
	Viral syndrome (inc. influenza)	FM, Peds		
	Tuberculosis	IM		Amb/Geri, FM

<b>System</b>	<b>Core</b>	<b>Clerkship</b>	<b>Enrichment</b>	<b>Clerkship</b>
			Mononucleosis	Amb/Geri, FM, Peds
	Sepsis/surgical infections	Surg, Peds, IM		
	Endocarditis	IM		
	Hepatitis (all types)	IM		
<b>Medicine across the Lifespan</b>	Well child visits and developmental assessments	FM, Peds	Preconception care	FM, Ob/Gyn
	Newborn assessment	Peds		
	Adolescent health promotion/prevention	Peds		FM
	Well woman exam	FM, Ob/Gyn		
	Adult preventive visit	Amb/geri, FM		
	Immunizations	Amb/geri, FM, Peds		Ob/gyn
	Smoking cessation	Amb/geri, FM		Ob/gyn
	Occupational/environmental Health	HoP		
	Palliative Care/end of life issues	IM, Amb/geri	Stress management	Ob/gyn
	Cancer screening	Amb/geri		
			Preparticipation sports assessment	FM
<b>Other</b>	Child abuse/neglect	Peds		FM
	Elder abuse	Amb/Geri		FM
	Domestic violence	HoP		Amb/Geri
	Trauma/crush	Surg, Peds		
	Poisoning/accidental ingestions	Peds		IM