

Sex- and Gender-Based Medical Education Topics



Hematopoietic System

- HIV infection
- Anemia
- Sickle cell anemia
- Menorrhagia and anemia
- Iron deficiency anemia
- Iron deficiency state
- Coagulation abnormalities



Lymphoreticular System

- Vaccine response
- Autoimmune disease



Central and Peripheral Nervous System

- Carpal tunnel syndrome
- Epilepsy
- Menstrual-related epilepsy
- Childhood absence epilepsy
- Photosensitive epilepsy
- Retts syndrome
- Aicardi syndrome stroke
- Cerebral vascular accident/stroke (risk factors, recovery, mortality)
- Cerebral aneurysm/subarachnoid hemorrhage



Central and Peripheral Nervous System

- Multiple sclerosis
- Meningiomas (incidence)
- Dementia
- Alzheimer disease/cognitive function
- Migraine headache
- Cluster headache
- Pain
- Meniere disease
- Autism
- Retinal disease



Psychiatric Disorders

- Bipolar disorder
- Sexual abuse
- Somatic disorders
- Dissociative disorders
- Anxiety
- Generalized anxiety
- Smoking cessation
- Depression
- Perimenopausal depression
- Postpartum depression
- Premenstrual depression



Psychiatric Disorders

- Panic
- OCD
- PTSD
- Social phobias
- Caregiver burden
- Addiction disorders
- Obesity
- Eating disorders
- Anorexia
- Bulimia
- Suicide
- Domestic violence



Skin and Related Connective Tissue

- Dermatomyositis
- Melanoma
- Alopecia
- Psoriasis
- Acne
- Sjogren
- Scleroderma



Musculoskeletal System

- Psoriatic arthritis
- Polymyositis
- Myasthenia gravis
- Duchenne muscular dystrophy
- Becker muscular dystrophy
- TMJ (syndrome)
- Temporomandibular joint (syndrome)
- Frozen shoulder
- Adhesive capsulitis
- Shoulder instability
- Shoulder subluxation



Musculoskeletal System

- Scoliosis
- (de Quervain) tenosynovitis
- Carpal tunnel syndrome
- Basilar thumb arthritis
- 1st CMC arthritis
- Inflammatory arthritis
- Rheumatoid arthritis
- Systemic lupus erythematosus



Musculoskeletal System

- Anterior cruciate ligament (injury)
- ACL (injury)
- Anterior knee pain (syndrome)
- Patellofemoral (syndrome)
- Hallux valgus
- Bunion
- Female athlete triad
- Stress fracture
- Osteoporosis (primary and secondary)
- Cervical spondylosis



Musculoskeletal System

- Cervical sprain
- Degenerative arthritis/osteoarthritis-knee
- Degenerative arthritis/osteoarthritis-hand
- Trochanteric bursitis
- Snapping hip syndrome
- Iliotibial band syndrome
- Morton neuroma
- Breast carcinoma metastatic to bone
- Fibromyalgia
- Ehlers Danlos



Respiratory System

- Obstructive sleep apnea
- Lung carcinoma/smoking exposure
- COPD
- COPD/smoking exposure
- Asthma
- Pneumothorax
- Pulmonary hypertension
- Community-acquired pneumonia
- Cystic fibrosis
- Pulmonary embolism
- Influenza and pregnancy



Cardiovascular System

- Supraventricular tachycardia
- Atrial fibrillation
- Coronary vasospasm (prevalence)
- Angina triggers
- Hypertension
- Menstrual cycle effects on cholesterol levels
- Lipid management
- Long QT syndrome



Cardiovascular System

- Coronary artery disease/myocardial infarction diagnosis
- (aspirin) prevention
- Cardiac plaque vs erosion
- Pre-eclampsia
- Peripartum cardiomyopathy
- Acute coronary syndrome
- Microvascular angina
- Lipid management
- Coronary risk factors



Gastrointestinal System

- Gastric cancer (risk)
- Cholecystitis
- Primary biliary cirrhosis
- Inflammatory bowel disease
- Colon cancer (incidence, risk factors)



Gastrointestinal System

- Irritable bowel syndrome
- Gastrointestinal reflux disease (presentation)
- End-stage liver disease (alcohol-related)
- Autoimmune hepatitis
- Hepatitis and STDs



Renal/Urinary System

- Interstitial cystitis
- Cystitis/urinary tract infection
- Incontinence/OAB
- Renal artery stenosis and hypertension



Endocrine System

- Thyroid
- Hypothyroidism
- Grave
- Hashimoto
- Thyroiditis
- Hyperglycemia



Endocrine System

- Non-insulin-dependent diabetes mellitus (incidence, management)
- Pregnancy and diabetes
- Pregnancy and HDL
- Pregnancy and triglyceride
- Galactorrhea
- Microadenoma
- Metabolic syndrome
- Dysautonomia
- Menopausal therapies



Others

- Adverse drug reactions
- Breast cancer surgery and timing thereof
- Metabolic differences
- Differences in pharmacokinetics and pharmacodynamics
- Drug absorption and bioavailability
- Disparities in care
- Transgender issues
- Lesbian issues
- Conscious/unconscious biases

