

Purpose:

Provide more required exposure to primary care medicine, which supports the programs mission statement.

Teaching Method Planned:

Hands-on experience in clinical setting with experienced preceptors.

Textbook(s):**Course Content:****1. The Cardiovascular System**

- Cardiomyopathy
 - Dilated
 - Hypertrophic
 - Restrictive
- Conduction Disorders
 - Atrial fibrillation/flutter
 - Atrioventricular block
 - Bundle branch block
 - Paroxysmal supraventricular tachycardia
 - Premature beats
- Heart Failure
- Hypertension
 - Essential
 - Secondary
 - Hypertensive emergencies
- Hypotension
- Orthostatic hypotension
- Coronary Heart Disease
- Acute myocardial infarction
 - Non-ST-segment elevation
 - ST-segment
- Angina pectoris
 - Stable
 - Unstable
 - Prinzmetal variant
- Vascular Disease
- Aortic aneurysm/dissection
- Arterial embolism/thrombosis
- Giant cell arteritis
- Peripheral artery disease
- Phlebitis/thrombophlebitis

- Varicose veins
- Venous insufficiency
- Venous thrombosis
- Acute and subacute bacterial endocarditis

2. The Dermatologic System

- Erythema infectiosum
- Hand-Foot-Mouth Disease
- Lacerations
- Cherry Angioma
- Telangiectasia
- Photosensitivity Reactions
- Dermatitis
 - Stasis Dermatitis
- Dyshidrosis
- Lichen simplex chronicus
- Drug eruptions
- Lichen planus
- Pityriasis rosea
- Psoriasis
- Erythema multiforme
- Stevens-Johnson syndrome
- Toxic epidermal necrolysis
- Bullous pemphigoid
- Pemphigus
- Acne vulgaris
- Rosacea
- Actinic keratosis
- Seborrheic keratosis
- Insects/Parasites

- Lice
 - Scabies
 - Spider bites
- Neoplasms
 - Basal cell carcinoma
 - Kaposi sarcoma
 - Melanoma
 - Squamous cell carcinoma
- Hair and Nails
 - Alopecia
 - Onychomycosis
 - Paronychia
- Condyloma acuminatum
- Exanthems
- Herpes simplex
- Molluscum contagiosum
- Varicella-zoster virus infections
- Verrucae
- Cellulitis
- Erysipelas
- Impetigo
- Candidiasis
- Acanthosis nigricans
- Burns
- Hidradenitis suppurativa
- Lipomas/epithelial inclusion cysts
- Melasma
- Pilonidal disease
- Pressure ulcers
- Urticaria
- Vitiligo

3. EENT (Eyes, Ears, Nose and Throat)

- Keratitis
- Globe rupture
- Amaurosis fugax
- Ambyopia
- Scleritis
- Trauma
- Deep Neck Infection
- Eye Disorders
- Blepharitis
- Cataract
- Chalazion
- Conjunctivitis
- Corneal abrasion
- Corneal ulcer
- Dacryoadenitis
- Ectropion
- Entropion
- Foreign body
- Glaucoma
- Hordeolum
- Macular degeneration
- Nystagmus
- Optic neuritis
- Orbital cellulitis
- Papilledema
- Pterygium
- Retinal detachment

- Retinal vascular occlusion
- Retinopathy
- Strabismus
- Acute/chronic otitis media
- Acoustic neuroma
- Barotrauma
- Cholesteatoma
- Dysfunction of Eustachian tube
- Foreign body
- Hearing impairment
- Hematoma of external ear
- Labyrinthitis
- Mastoiditis
- Meniere disease
- Otitis externa
- Tinnitus
- Tympanic membrane perforation
- Vertigo
- Acute/chronic sinusitis
- Allergic rhinitis
- Epistaxis
- Foreign body
- Nasal polyps
- Acute pharyngitis
- Aphthous ulcers
- Epiglottitis
- Laryngitis

- Oral candidiasis
- Oral herpes simplex
- Oral leukoplakia
- Peritonsillar abscess
- Parotitis
- Sialadenitis
- Benign and malignant neoplasms

4. The Endocrine System

- Hypogonadism
- Multiple Endocrine Neoplasia
- Neoplastic Syndrome
- Primary Endocrine Malignancy
- Syndrome of Inappropriate Anti-Diuretic Hormone Secretion (SIADH)
- Hyperthyroidism
- Hypothyroidism
- Neoplastic disease
- Thyroiditis
- Corticoadrenal insufficiency
- Cushing syndrome
- Neoplastic disease
- Acromegaly/gigantism
- Diabetes insipidus
- Dwarfism
- Diabetes Mellitus
 - Type 1
 - Type 2
- Lipid Disorders
- Hypercholesterolemia
- Hypertriglyceridemia

5. The Gastrointestinal System/Nutrition

- Gluten Intolerance
- Nut Allergies
- Ingestion of Toxic Substances or Foreign Bodies
- Paget Disease
- Rickets
- Hypervitaminosis/Hypovitaminosis
- Esophagitis
- Motility disorders
- Gastroesophageal reflux disease
- Gastritis
- Peptic ulcer disease
- Acute/chronic cholecystitis
- Cholangitis
- Cholelithiasis
- Acute/chronic hepatitis
- Cirrhosis
- Acute/chronic pancreatitis
- Appendicitis
- Celiac disease
- Constipation
- Diverticular disease
- Inflammatory bowel disease
- Irritable bowel syndrome
- Lactose intolerance
- Obstruction
- Anal fissure
- Abscess/fistula

- Fecal impaction
- Hemorrhoids
- Hernia
- Infectious and Noninfectious Diarrhea
- Vitamin and Nutritional Deficiencies

6. The Genitourinary System

- Horseshoe Kidney
- End Stage Renal Disease
- Dehydration
- Hyperkalemia/Hypokalemia
- Hyponatremia
- Overactive Bladder
- Bladder prolapse
- Peyronie Disease
- Trauma
- Vesicoureteral Reflux
- Human Sexuality
- Penile Cancer
- Hypospadias/Episadias
- Urethral Prolapse
- Urethral Stricture
- Benign prostatic hyperplasia
- Congenital abnormalities
- Erectile dysfunction
- Hydrocele/varicocele
- Incontinence
- Nephrolithiasis/urolithiasis
- Paraphimosis/phimosis

- Cystitis
- Epididymitis
- Orchitis
- Prostatitis
- Pyelonephritis
- Urethritis
 - Neoplastic Diseases
 - Bladder cancer
 - Prostate cancer
 - Renal cell carcinoma
 - Testicular cancer
 - Wilms tumor
- Acute renal failure
- Chronic kidney disease
- Glomerulonephritis
- Hydronephrosis
- Polycystic kidney disease
- Renal vascular disease

7. The Hematologic System

- Autoimmune Disorders
- Leukopenia
- Polycythemia
- Thrombocytosis
- Hemachromatosis
- Transfusion reaction
- Myelodysplasia
- Anemias
 - Anemia of chronic disease
 - Aplastic anemia
 - Folate deficiency
 - Hemolytic anemia

- Iron deficiency
- Sickle cell anemia
- Thalassemia
- Vitamin B12 deficiency
- Clotting factor disorders
- Thrombocytopenia
 - Idiopathic thrombocytopenic purpura
 - Thrombotic thrombocytopenic purpura

8. Infectious Diseases

- Campylobacter jejuni
- Gonorrhea
- Methicillin-Resistant Staphylococcus Aureus (MRSA)
- Trichomoniasis
- Congenital varicella
- Zika virus
- Sepsis/Systemic Inflammatory Responses Syndrome
- Candidiasis
- Acute rheumatic fever
- Chlamydia
- Gonococcal infections
- Salmonellosis
- Shigellosis
- Tetanus
- Atypical mycobacterial disease
- Parasitic Disease
- Helminth infestations
- Pinworms
- Spirochetal Disease
- Lyme disease

- Rocky Mountain spotted fever
- Syphilis
- Cytomegalovirus infections
- Epstein-Barr virus infections
- Erythema infectiosum
- Herpes simplex
- Human papillomavirus infections
- Influenza
- Measles
- Mumps
- Roseola
- Rubella
- Varicella-zoster virus infections

9. The Musculoskeletal System

- Disorders of the Shoulder
 - Soft tissue injuries
- Disorders of the Forearm/Wrist/Hand
 - Soft tissue injuries
- Disorders of the Back/Spine
 - Back strain/sprain
 - Kyphosis
 - Lower back pain
 - Scoliosis
 - Spinal stenosis
- Disorders of the knee
 - Osgood-Schlatter disease
 - Soft tissue injuries
- Disorders of the Ankle/Foot
 - Soft tissue injuries
- Infectious Diseases
- Osteoarthritis
- Osteoporosis

- Fibromyalgia
- Gout/pseudogout
- Systemic lupus erythematosus
- Chest and Rib Disorders
 - Deformities
 - Fractures
- Thoracic Outlet Syndrome
- Torticollis
- Trauma

10. The Neurologic System

- Traumatic Brain Injury
- Cranial Nerve Palsies
- Encephalopathic Disorders
- Neoplasms
 - Benign
 - Malignant
- Major and Mild Neurocognitive Disorders
- Carpal Tunnel Syndrome
- Seizures
 - Focal
 - Generalized
- Arteriovenous Malformation
- Diseases of Peripheral Nerves
 - Complex regional pain syndrome
 - Peripheral neuropathies
- Headaches
 - Cluster headache
 - Migraine
 - Tension headache
- Movement Disorders
 - Essential tremor

- Concussion
- Postconcussion syndrome
- Syncope

11. Psychiatry/Behavioral Science

- Sexual Abuse
- Major Depressive Disorder
- Persistent Depressive Disorder
- Premenstrual Dysphoric Disorder
- Anxiety Disorders
- Generalized anxiety disorder
- Panic disorder
- Phobias
- Post-traumatic stress disorder
- Attention-Deficit/Hyperactivity Disorder
- Eating Disorders
 - Anorexia nervosa
 - Bulimia nervosa
 - Obesity
- Mood Disorders
- Adjustment
- Dissociative
- Bipolar
- Dysthymic
- Somatoform Disorders
- Substance Use Disorders
- Abuse
- Dependence
- Withdrawal
- Acute reaction to stress
- Child/elder abuse

- Conduct disorders
- Domestic violence
- Grief reaction
- Feeding
- Suicide/Homicidal Behavior
- Human Sexuality
- Obsessive Compulsive Disorder
- Psychotic Disorders
- Narcolepsy
- Parasomnias

12. The Pulmonary System

- Sleep Apnea
- Obesity Hypoventilation Syndrome
- Acute bronchitis
- Acute bronchiolitis
- Croup
- Influenza
- Pertussis
- Pneumonias
 - Bacterial
 - Viral
 - Fungal
- Respiratory syncytial virus infection
- Obstructive Pulmonary Disease
- Asthma
- Bronchiectasis
- Chronic bronchitis
- Emphysema
- Pleural Diseases
- Restrictive Pulmonary Disease

- Idiopathic pulmonary fibrosis

13. The Reproductive System

- Human Sexuality
- Polycystic Ovarian Syndrome
- Pelvic Inflammatory Disease
- Trauma
 - Sexual Assault
 - Physical Assault
 - Trauma in Pregnancy
- Uterus
 - Dysfunctional uterine bleeding
- Ovary
 - Cysts
- Vagina/Vulva
 - Cystocele
 - Vaginitis
- Menstrual Disorders
 - Amenorrhea
 - Dysmenorrhea
 - Premenstrual syndrome
 - Menopause
- Breast
 - Abscess
 - Fibroadenoma
 - Fibrocystic disease
 - Mastitis
- Pelvic Inflammatory Disease
- Contraceptive Methods