

Cardiovascular System

Cardiomyopathy

- Dilated
- Hypertrophic
- Restrictive

Conduction Disorders

- Atrial fibrillation/flutter
- Atrioventricular block
- Bundle branch block
- Paroxysmal supraventricular tachycardia
- Premature beats
- Sick sinus syndrome
- Ventricular tachycardia
- Ventricular fibrillation
- Torsades de pointes

Congenital Heart Disease

- Atrial septal defect
- Coarctation of aorta
- Patent ductus arteriosus
- Tetralogy of Fallot
- Ventricular septal defect

Heart Failure

Hypertension

- Essential
- Secondary
- Hypertensive emergencies

Hypotension

- Cardiogenic shock
- 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

Valvular Disease

- Aortic stenosis
- Aortic regurgitation
- Mitral stenosis
- Mitral regurgitation
- Mitral valve prolapse
- Tricuspid stenosis
- Tricuspid regurgitation
- Pulmonary stenosis
- Pulmonary regurgitation

Other Forms of Heart Disease

- Acute and subacute bacterial endocarditis
- Acute pericarditis
- Cardiac tamponade
- Pericardial effusion

The Dermatologic System

Eczematous Eruptions

- Dermatitis
- Dyshidrosis
- Lichen simplex chronicus

Papulosquamous Diseases

- Drug eruptions
- Lichen planus
- Pityriasis rosea
- Psoriasis

Desquamation

- Erythema multiforme
- Stevens-Johnson syndrome
- Toxic epidermal necrolysis

Vesicular Bullae

- Bullous pemphigoid

Acneiform Lesions

- Acne vulgaris
- Rosacea

Verrucous Lesions

- 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

Viral Diseases

- Condyloma acuminatum
- Exanthems
- Herpes simplex
- Molluscum contagiosum
- Varicella-zoster virus infections
- Verrucae

Bacterial Infections

- Cellulitis
- Erysipelas
- Impetigo

Fungal Infections

- Candidiasis
- Dermatophyte infections

Other

- Acanthosis nigricans
- Burns
- Hidradenitis suppurativa
- Lipomas/epithelial inclusion cysts
- Melasma
- Pilonidal disease
- Pressure ulcers
- Urticaria
- Vitiligo

EENT (Eyes, Ears, Nose, and Throat)

Eye Disorders

- Blepharitis
- Blowout fracture
- Cataract
- Chalazion
- Conjunctivitis
- Corneal abrasion
- Corneal ulcer
- Dacryoadenitis
- Ectropion
- Entropion
- Foreign body
- Glaucoma
- Hordeolum
- Hyphema
- Macular degeneration
- Nystagmus
- Optic neuritis
- Orbital cellulitis
- Papilledema
- Pterygium
- Retinal detachment
- Retinal vascular occlusion
- Retinopathy
- Strabismus

Ear Disorders

- 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

Nose/Sinus Disorders

- Acute/chronic sinusitis
- Allergic rhinitis
- Epistaxis
- Foreign body
- Nasal polyps

Mouth/Throat Disorders

- Acute pharyngitis
- Aphthous ulcers
- Diseases of the teeth/gums
- Epiglottitis
- Laryngitis
- Oral candidiasis
- Oral herpes simplex
- Oral leukoplakia
- Peritonsillar abscess
- Parotitis
- Sialadenitis

Benign and malignant neoplasms

The Endocrine System

Diseases of the Thyroid Gland

- Hyperthyroidism
- Hypothyroidism
- Neoplastic disease
- Thyroiditis

Diseases of the Parathyroid Glands

- Hyperparathyroidism
- Hypoparathyroidism

Diseases of the Adrenal Glands

- Corticoadrenal insufficiency
- Cushing syndrome
- Neoplastic disease

Diseases of the Pituitary Gland

- Acromegaly/gigantism
- Diabetes insipidus
- Dwarfism
- Neoplastic disease
- Pituitary adenoma

Diabetes Mellitus

- Type 1
- Type 2

Lipid Disorders

- Hypercholesterolemia
- Hypertriglyceridemia

The Gastrointestinal System/Nutrition

Esophagus

- Esophagitis
- Motility disorders
- Mallory-Weiss tear
- Neoplasms
- Strictures
- Varices

Stomach

- Gastroesophageal reflux disease
- Gastritis
- Neoplasms
- Peptic ulcer disease
- Pyloric stenosis

Gallbladder

- Acute/chronic cholecystitis
- Cholangitis
- Cholelithiasis

Liver

- Acute/chronic hepatitis
- Cirrhosis
- Neoplasms

Pancreas

- Acute/chronic pancreatitis
- Neoplasms

Small Intestine/Colon

- Appendicitis
- Celiac disease
- Constipation
- Diverticular disease
- Inflammatory bowel disease
- Intussusception
- Irritable bowel syndrome
- Ischemic bowel disease
- Lactose intolerance
- Neoplasms
- Obstruction
- Polyps
- Toxic megacolon

Rectum

- Anal fissure
- Abscess/fistula
- Fecal impaction
- Hemorrhoids
- Neoplasms

Hernia

Infectious and Noninfectious Diarrhea

Vitamin and Nutritional Deficiencies

Metabolic Disorders

- Phenylketonuria

The Genitourinary System

GU Tract Conditions

- Benign prostatic hyperplasia
- Congenital abnormalities
- Cryptorchidism
- Erectile dysfunction
- Hydrocele/varicocele
- Incontinence
- Nephro/uroolithiasis
- Paraphimosis/phimosis
- Testicular torsion

Infectious/Inflammatory Conditions

- Cystitis
- Epididymitis
- Orchitis
- Prostatitis
- Pyelonephritis
- Urethritis

Neoplastic Diseases

- Bladder cancer
- Prostate cancer
- Renal cell carcinoma
- Testicular cancer
- Wilms tumor

Renal Diseases

- Acute renal failure
- Chronic kidney disease
- Glomerulonephritis
- Hydronephrosis
- Nephrotic syndrome
- Polycystic kidney disease
- Renal vascular disease

Fluid and Electrolyte Disorders

- Hypervolemia
- Hypovolemia

Acid/Base Disorders

The Hematologic System

Anemias

- Anemia of chronic disease
- Aplastic anemia
- Folate deficiency
- G6PD deficiency
- Hemolytic anemia
- Iron deficiency
- Sickle cell anemia
- Thalassemia
- Vitamin B₁₂ deficiency

Coagulation Disorders

- Clotting factor disorders
- Hypercoagulable states
- Thrombocytopenia
 - Idiopathic thrombocytopenic purpura
 - Thrombotic thrombocytopenic purpura

Malignancies

- Acute/chronic lymphocytic leukemia
- Acute/chronic myelogenous leukemia
- Lymphoma
- Multiple myeloma

Infectious Diseases

Fungal Disease

- Candidiasis
- Cryptococcosis
- Histoplasmosis
- Pneumocystis

Bacterial Disease

- Acute rheumatic fever
- Botulism
- Chlamydia
- Cholera
- Diphtheria
- Gonococcal infections
- Salmonellosis
- Shigellosis
- Tetanus

Mycobacterial Disease

- Atypical mycobacterial disease
- Tuberculosis

Parasitic Disease

- Helminth infestations
- Malaria
- Pinworms
- Toxoplasmosis

Spirochetal Disease

- Lyme disease
- Rocky Mountain spotted fever
- Syphilis

Viral Disease

- Cytomegalovirus infections
- Epstein-Barr virus infections
- Erythema infectiosum
- Herpes simplex
- HIV infection
- Human papillomavirus infections
- Influenza
- Measles
- Mumps
- Rabies
- Roseola
- Rubella
- Varicella-zoster virus infections

The Musculoskeletal System

Disorders of the Shoulder

- Fractures/dislocations
- Soft tissue injuries

Disorders of the Forearm/Wrist/Hand

- Fractures/dislocations
- Soft tissue injuries

Disorders of the Back/Spine

- Ankylosing spondylitis
- Back strain/sprain
- Cauda equina
- Herniated nucleus pulposus
- Kyphosis
- Lower back pain
- Scoliosis
- Spinal stenosis

Disorders of the Hip

- Avascular necrosis
- Developmental dysplasia
- Fractures/dislocations
- Slipped capital femoral epiphysis

Disorders of the Knee

- Fractures/dislocations
- Osgood-Schlatter disease
- Soft tissue injuries

Disorders of the Ankle/Foot

- Fractures/dislocations
- Soft tissue injuries

Infectious Diseases

- Acute/chronic osteomyelitis
- Septic arthritis

Neoplastic Disease

- Bone cysts/tumors
- Ganglion

Osteoarthritis

Osteoporosis

Compartment Syndrome

Rheumatologic Conditions

- Fibromyalgia
- Gout/pseudogout
- Juvenile rheumatoid arthritis
- Polyarteritis nodosa
- Polymyositis
- Polymyalgia rheumatica
- Reactive arthritis (Reiter syndrome)
- Rheumatoid arthritis
- Systemic lupus erythematosus
- Systemic sclerosis (Scleroderma)
- Sjögren syndrome

The Neurologic System

Diseases of Peripheral Nerves

- Complex regional pain syndrome
- Peripheral neuropathies

Headaches

- Cluster headache
- Migraine
- Tension headache

Infectious Disorders

- Encephalitis
- Meningitis

Movement Disorders

- Essential tremor
- Huntington disease
- Parkinson disease

Vascular Disorders

- Cerebral aneurysm
- Intracranial hemorrhage
- Stroke
- Transient ischemic attack

Other Neurologic Disorders

- Altered level of consciousness
- Cerebral palsy
- Concussion
- Neurocognitive disorders (Dementias)
- Delirium
- Guillain-Barré syndrome
- Multiple sclerosis
- Myasthenia gravis
- Postconcussion syndrome
- Seizure disorders
- Status epilepticus
- Syncope
- Tourette disorder

Psychiatry/Behavioral Science

Anxiety Disorders/Trauma- and Stressor-Related Disorders

- Generalized anxiety disorder
- Panic disorder
- Phobias
- Adjustment disorder
- Post-traumatic stress disorder

Attention-Deficit/Hyperactivity Disorder

Autism Spectrum Disorder (Autistic Disorder)

Feeding and Eating Disorders (Eating Disorders)

- Anorexia nervosa
- Bulimia nervosa
- Obesity

Depressive Disorders/Bipolar and Related Disorders (Mood Disorders)

- Bipolar disorders
- Major depressive disorder
- Persistent depressive disorder (Dysthymic disorder)

Personality Disorders

Schizophrenia Spectrum and Other Psychotic Disorders

- Delusional disorder

Somatic Symptom and Related Disorders (Somatoform Disorders)

Substance-Related and Addictive Disorders

- Use
- Dependence
- Withdrawal

Other Behavior/Emotional Disorders

- Acute reaction to stress
- Child/elder abuse
- Conduct disorder
- Domestic violence
- Grief reaction
- Suicide

The Pulmonary system

Infectious Disorders

- Acute bronchitis
- Acute bronchiolitis
- Acute epiglottitis
- Croup
- Influenza
- Pertussis
- Pneumonias
 - Bacterial
 - Viral
 - Fungal
 - HIV-related
- Respiratory syncytial virus infection
- Tuberculosis

Neoplastic Disease

- Carcinoid tumors
- Lung cancer
- Pulmonary nodules

Obstructive Pulmonary Disease

- Asthma
- Bronchiectasis
- Chronic bronchitis
- Cystic fibrosis
- Emphysema

Pleural Diseases

- Pleural effusion
- Pneumothorax

Pulmonary Circulation

- Cor pulmonale
- Pulmonary embolism
- Pulmonary hypertension

Restrictive Pulmonary Disease

- Idiopathic pulmonary fibrosis
- Pneumoconiosis
- Sarcoidosis

Other Pulmonary Disease

- Acute respiratory distress syndrome
- Hyaline membrane disease
- Foreign body aspiration

The Reproductive System

Uterus

- Dysfunctional uterine bleeding
- Endometrial cancer
- Endometriosis
- Leiomyoma
- Prolapse

Ovary

- Cysts
- Neoplasms

Cervix

- Cancer
- Cervicitis
- Dysplasia
- Incompetent

Vagina/Vulva

- Cystocele
- Neoplasm
- Prolapse
- Rectocele
- Vaginitis

Menstrual Disorders

- Amenorrhea
- Dysmenorrhea
- Premenstrual syndrome

Menopause

Breast

- Abscess
- Cancer
- Fibroadenoma
- Fibrocystic disease
- Gynecomastia
- Galactorrhea
- Mastitis

Pelvic Inflammatory Disease

Contraceptive Methods

Infertility

Uncomplicated Pregnancy

- Normal labor/delivery
- Prenatal diagnosis/care

Complicated Pregnancy

- Abortion
- Abruption placentae
- Cesarean section
- Dystocia
- Ectopic pregnancy
- Fetal distress
- Gestational diabetes
- Gestational trophoblastic disease
- Hypertension disorders in pregnancy
- Multiple gestation
- Placenta previa
- Postpartum hemorrhage
- Premature rupture of membranes
- Rh incompatibility