



Introduction

PANCE Intro

PANRE Intro



The Cardiovascular System

Cardiomyopathy

Atrioventricular Block & Bradycardia

Atrial Fibrillation/Flutter and Tachycardia

Torsades de Pointes & Dysrhythmia Treatments

V. Fib, Premature Beats and Blocks

Fetal Circulation & Patent Ductus Arteriosus

Tetralogy of Fallot

Coarctation of Aorta & Atrial Septal Defect

PFO and Transposition of the Great Arteries

Atherosclerosis & Ischemic Heart Dz (Angina)

Ischemic Heart Dz (Unstable angina), ACS & MI

Heart Failure: Causes, Pathophys, & Workup

Heart Failure: Workup (cont.) & Treatment

Hypertension

Hypertension Guidelines

Hypotension, Shock, & Syncope

Vasovagal Hypotension

Acute and subacute bacterial endocarditis

Pericardial Disorders & Tamponade

Myocarditis

Lipid Disorders

Lipid Disorder Guidelines

MVP, Pulmonary Regurgitation, and VSD

Systolic Cardiac Murmurs: AS, MR, PS, TR

Diastolic Cardiac Murmurs: MS, AR, TS

Aortic Disorders, Arterial Disorders, & GCA

Venous Disorders, DVT, TIA, & Stroke

Iliac Artery Occlusion

Pharmacology Essentials: Cardiovascular



The Pulmonary System

- Obstructive Lung Diseases
- Restrictive Lung Diseases
- Pleural Diseases
- A to Z Pulmonary ID: Bronchitis - Pertussis
- A to Z Pulmonary ID: Pneumonia - TB
- Pulmonary Neoplasms
- Pulmonary Circulation
- Respiratory Distress Syndromes
- Foreign Body Aspiration & Hypersensitivity Reactions
- Hypoventilation Syndromes
- Pharmacology Essentials: Pulmonary



The Gastrointestinal System/Nutritional

- Esophagus & Esophageal Disorders
- Stomach & Stomach Disorders
- Gallbladder & Gallbladder Disorders
- Liver & Liver Disorders
- Pancreas & Pancreatic Disorders
- Appendicitis, Constipation, & Toxic Megacolon
- Diverticular, Obstructive, & Ischemic D/o
- IBD, IBS, Celiac Dz, Polyps, & Colon Cancer
- Lactose Intolerance, Rectal Issues & Cancer
- Infectious & Non-Infectious Diarrhea
- Hernias
- Metabolic Disorders
- Obesity, Paget Disease, and Rickets
- Nutrition & Vitamin Deficiencies
- Food and Nut Allergies
- Ingestion of Toxic Substances
- Pharmacology Essentials: Gastrointestinal



The Musculoskeletal System

- Introduction to Musculoskeletal Disorders
- Shoulder
- Tendinitis and Bursitis
- Arm and Elbow
- Wrist
- Hand

Spine
Chest/Rib Disorders and Torticollis
Pelvis and Hips
Knee
Ankle and Foot
Inflammatory, Infectious, and Aging Disorders
Musculoskeletal Neoplasms
Fibromyalgia, Gout/CPPD, PAN, PM, PMR, & ReA
RA, Juvenile RA, SLE, SSc & Sjogren's
Pharmacology Essentials: Musculoskeletal



EENT (Eyes, Ears, Nose and Throat)

Conjunctival, Cornea, Fgn Body & Lacrimal d/o
Lid, Neuro, Orbital, and Retinal Disorders
Trauma, Vascular and Vision Disorders
Uveitis, Presbyopia, and Dry Eye
External Ear, Foreign Bodies, and Middle Ear
Inner Ear and Hearing Impairment
Nose/Sinus Disorders
Oropharyngeal Disorders
EENT Neoplasms



The Reproductive System

Menstrual Disorders
Menopause
Abnormal Uterine Bleeding
Disorders of the Uterus
Disorders of the Ovaries
Disorders of the Cervix
Disorders of the Vagina/Vulva
Pelvic Organ Prolapse
Reproductive System Infections
Disorders of the Breast
IPV & Female Sexual Dysfunction
Contraception
Infertility
Prenatal Care
Fetus & Fetal Issues
Labor and Delivery

Pregnancy Complications: Vaginal Bleeding
Pregnancy: Labor Complications
Pregnancy: Delivery Complications
Pregnancy: Medical Complications
Pregnancy: Infections
Medications in Pregnancy
Additional Topics in Obstetrics



The Endocrine System

Adrenals & Adrenal Gland Disorders
Diabetes Mellitus and Complications
Parathyroid & Parathyroid Gland Disorders
Pituitary & Pituitary Gland Disorders
Pituitary Adenomas and Sheehan Syndrome
Thyroid & Thyroid Gland Disorders
Additional Endocrine Topics
Pharmacology Essentials: Endocrine



The Neurologic System

Hydrocephalus, Coma, AVM, & Cerebral Aneurysm
TIA, Stroke, SAH, and Syncope
Closed Head Injuries
Headache Disorders
Infectious and Inflammatory Disorders
Movement Disorders
Neurologic Neoplasms
Nerve Disorders
Neurocognitive Disorders
ALS, Botulism, and Myasthenia Gravis
Cerebral Palsy, Muscular Dystrophy, and Multiple Sclerosis
Seizure Disorders
Spinal Cord Syndromes
Pharmacology Essentials: Neurology



Psychiatry/Behavioral Science

Depressive Disorders and Suicide/Homicide
Bipolar Disorders
Anxiety Disorders
Trauma- and Stress-related Disorders

Disruptive and Dissociative Disorders
Feeding and Eating Disorders
Neurodevelopmental Disorders
Obsessive-Compulsive & Personality Disorders
Schizophrenia Spectrum Disorders
Substance Use and Addictive Disorders
Abuse and Neglect
Human Sexuality, Sleep, and Somatic Disorders
Pharmacology Essentials: Psychiatry



Infectious Diseases

Bacterial Diseases
Additional Bacterial Diseases
Fungal Diseases
Additional Fungal Diseases
Mycobacterial Diseases
Parasitic Diseases
Prion Diseases
Spirochetal Diseases
Viral Diseases
Sepsis and Prenatal Infection Transmission
Pharmacology Essentials: Infectious Diseases



The Dermatologic System

Bacterial Infections, Acne Vulgaris, & Rosacea
Bullous Skin Diseases
Desquamation: EM, SJS, TEN & SSSS
Eczematous Eruptions
Papulosquamous Skin Diseases
Verrucous Lesions, Hair & Nail Conditions
Lice, Scabies, & Bed Bugs
Spider Bites, Bee Stings, & Tick Bites
Insects & Parasites Summary
Dermatology Neoplasms
Viral, Fungal, & Other Skin Conditions
Miscellaneous Benign Skin Conditions
Burns, Burn Classification, & Management
Cold Injuries
Vascular Abnormalities
Additional Dermatology Topics



The Hematologic System

Anemia: Microcytic & of Chronic Disease
Anemia: Hemolytic, Aplastic, & Megaloblastic
Clotting Factor d/o & Hypercoagulable States
Thrombocytopenia (ITP, TTP, HUS, HIT, DIC)
Coagulation Disorder Summary
Acute Leukemias & Chronic Leukemias
Lymphomas & Multiple Myeloma
Additional Hematology Topics
Pharmacology Essentials: Hematologic



The Genitourinary System

GU Infections: Cystitis & Pyelonephritis
GU Inflammatory Conditions
BPH, Congenital Anomalies, & Cryptorchidism
ED, Hydro/Varicocele, Incontinence, & Stones
Phimosis/Paraphimosis & Testicular Torsion
Tumors of the GU System
Additional Genitourinary Topics



The Renal System

Acid/Base Disorders
Intro, Prerenal, & Renal (Glomerulonephritis)
Intrinsic Renal (Acute Tubular Necrosis)
Postrenal & AKI Summary
Chronic Kidney Disease
Introduction, Sodium & Sodium Disorders
Potassium & Potassium Disorders
Adrenal Gland D/o, Calcium & Ca Disorders
Tumors of the Renal System
Additional Renal Topics



Professional Practice

Introduction to Professional Practice
Medical Ethics and Legal Considerations
Coding and Billing
Patient Care and Communication
Professional Parameters
Screening Recommendations



Immunizations
Prevention of Communicable Disease
Quality Improvement and Patient Safety
Research Methods: The Purpose of Statistics
Research Methods: Where Studies Come From
Research Methods: How to Use Statistics



Additional Topics

Primary Approach to the ECG: Arrhythmia & ACS
ECG Case-Based Learning
Intro to Pharmacology & Pharmacotherapeutics
Pharmacology Review: Drug Categories & Safety
Preventative Pediatric Care: Screening & Prevention
Anticipatory Guidance: Injuries & Home Safety
Anticipatory Guidance: Outdoor Risks & Safety
Infant Nutrition: Breast Milk & Formula
Infant Nutrition, Allergies, & Intolerances
Growth in Infancy & Childhood
General Development in Infancy & Childhood
Age-Specific Development
Trauma - An Overview