



### **Preventative Pediatrics / Well-Child Care**

#### **Immunizations**

Immunizations: Overview

Current Immunization Recommendations

#### **Screening**

Age-Based Screening & Disease Prevention

#### **Anticipatory Guidance**

Prevention of Accidents and Injuries

Water, Firearm, Media and Sleep Safety

#### **Nutrition**

Age-Based Nutrition & Newborn/Infant Feeding

Condition-Based Nutrition & Intro of Solids

Nutritional Disorders

Vitamin Disorders

#### **Normal Growth and Development**

Growth

General Development

Age-Specific Development



### **Neonatal Care**

Stabilization and Transition

Neonatal Resuscitation

Jaundice

Hypoglycemia

GBS Disease Prevention & Management

Respiratory Distress in the Newborn

Congenital Anomalies



### **Adolescent Care**

Adolescent Growth and Development

Adolescent Mental and Behavioral Health

Adolescent Male Genitourinary

Adolescent Gynecology

## **Pregnancy, Contraception, and STIs**

Pregnancy and Contraception

Sexually Transmitted Infections



## **Genetics, Dysmorphology, and Metabolic Disorders**

### **Genetics and Dysmorphology**

Trisomy 21, Trisomy 18, Trisomy 13

5p-, 45X, Noonan, 47XXY, Fragile X Syndromes

Angelman, Prader-Willi, CdLS, RSS

Achondroplasia, SLOS, Williams, BWS

A-T, DiGeorge, CHARGE, VATER/VACTERL

Proteus, Apert, Crouzon Syndromes

SWS, IP, TSC, NF, McCune Albright

OI, Fanconi, TAR, Marfan, EDS

Other Genetic Disorders & Dysmorphology

### **Inborn Errors of Metabolism**

Inborn Errors of Metabolism, Part 1

Inborn Errors of Metabolism, Part 2

Lysosomal Storage Disorders

UCDs, Organic Acidemias, & Mitochondrial

Disorders of Uric/Fatty/Amino Acid, Carnitine



## **Mental and Behavioral Health**

### **Cognition, Language, Learning, and Neurodevelopment**

Disorders of Cognition & Learning Disability

Autism Spectrum Disorder

### **Attention Deficit Hyperactivity Disorder**

ADHD Overview and Diagnosis

ADHD Management

### **Psychiatric Disorders - Internalizing Disorders**

Anxiety Disorders and Phobias

Post Traumatic Stress Disorder

Obsessive Compulsive Disorder

Major Depressive Disorder

Disruptive Mood Dysregulation Disorder

Bipolar Disorder

Somatic Symptom Disorder

### **Psychiatric Disorders - Externalizing Disorders**

- Schizophrenia
- Pathological Aggression
- Oppositional Defiant Disorder
- Conduct Disorder

### **Psychiatric Disorders - Suicidal Behavior**

- Suicidal Behavior

### **Substance Abuse**

- Clinical Approach to Substance Use and Abuse
- Alcohol, Tobacco, and Marijuana
- Opioids, Amphetamines, and Cocaine
- Anabolic Steroids, Inhalants, & Rx Meds



### **Child Abuse and Neglect**

#### **Physical Abuse**

- Clinical Approach to Physical Abuse
- Clinical Findings of Physical Abuse
- Clinical Approach to Sexual Abuse
- Psychological Abuse and Neglect
- Caregiver Fabricated Illness



### **Emergency and Critical Care**

- Clinical Approach to Fever
- Seizures
- Wounds
- Bites and Stings
- Clinical Approach to Pediatric Trauma
- Burns
- Fractures and Dislocations
- Procedural Sedation and Analgesia

#### **Toxicology**

- Pediatric Toxicology Overview
- Beta Blockers
- Calcium Channel Blockers
- Camphor
- Ethylene Glycol
- Lomotil
- Amanita Phalloides
- Methyl Salicylate

Sulfonylureas  
Tricyclic Antidepressants  
Theophylline  
Pediatric Toxicology Summary

### **Critical Care**

Clinical Approach to Respiratory Distress  
Clinical Approach to Shock  
Clinical Approach to Dysrhythmias  
Pediatric CPR Guidelines



### **Infectious Diseases**

Age-Specific Approach to Fever  
Pediatric Serious Infections  
Common Pediatric Viral Syndromes

### **Special Considerations**

International Travel and Adoption  
Infection Control



### **Hematology**

Clinical Approach to Hematologic Disorders  
Red Cell Disorders  
White Cell and Platelet Disorders  
Coagulation Disorders



### **Oncology**

Leukemia, Lymphoma, and Solid Tumors  
Oncologic Emergencies



### **Allergy and Immunology**

Immune Disorders Part 1  
Allergic Disorders Part 1  
Immune Disorders Part 2  
Allergic Disorders Part 2  
Testing and Therapies



### **Endocrinology**

#### **Precocious Puberty**

Normal Development & Precocious Puberty

Evaluation & Management of Precocious Puberty  
Delayed Puberty  
Ambiguous Genitalia  
Diabetes Mellitus



## **Orthopedics and Sports Medicine**

### **Orthopedics**

Fractures  
Head and Neck  
Hand  
Foot  
Lower Leg  
Knee  
Hip  
Ankle  
Elbow  
Shoulder  
Spine  
Wrist

### **Sports Medicine**

Sports Medicine



## **Rheumatology**

Clinical Presentation  
Reactive/Post-Infectious Arthritis  
Juvenile Idiopathic Arthritis  
Systemic Lupus Erythematosus  
Sarcoidosis and Fibromyalgia  
Juvenile Dermatomyositis  
Other Connective Tissue & Vascular Disorders



## **Neurology**

### **Brain and Spinal Cord Disorders**

Headaches  
Ataxia  
Hydrocephalus and CNS trauma  
Seizure Disorders Part 1  
Seizure Disorders Part 2

- Cerebrovascular Disease
- Cerebral Palsy
- CNS Infections
- Spinal Cord Diseases
- Peripheral Nervous System Disorders
- Sleep Disorders: Narcolepsy
- Movement Disorders
- Degenerative Neurologic Disorders**
  - Degenerative Neurologic Disorders
  - Weakness and Hypotonia
- Muscular Dystrophies



## **EENT (Eyes, Ears, Nose, and Throat)**

Eye

**Ear**

- Acute Otitis Media

- OM cont'd, Otitis Externa, & Mastoiditis

Nose

Mouth, Oropharynx, Throat



## **Cardiology**

Clinical Presentation: Syncope

Clinical Presentation: Hypertension

Chest Pain & Palpitations

Cardiomyopathies

Acute Rheumatic Fever and Endocarditis

Vasculitides and Myocarditis

**Congenital Heart Disease**

- Congenital Heart Diseases (Part 1)

- Congenital Heart Diseases (Part 2)

- Congenital Heart Diseases (Part 3)

Connective Tissue Disease

Dyslipidemias

Dysthrythmias



## **Pulmonology**

Clinical Approach - Respiratory Presentations

Upper Airway Disease

Lower Airway Disease

Parenchymal Disease

### **Specific Conditions**

Asthma

Cystic Fibrosis

Pneumothorax and Pneumomediastinum

Hemoptysis

SIDS, BRUE

Obstructive Sleep Apnea

PFTs & Other Diagnostic Testing



## **Gastroenterology**

Clinical Approach to Abdominal Pain

Clinical Approach to Vomiting

Clinical Approach to Diarrhea

Clinical Approach to Constipation

Esophageal Disorders

Liver Disorders

GI Bleed

Pancreatic and Intestinal Disorders



## **Nephrology, Fluids, and Electrolytes**

Hypertension

Proteinuria & Nephrotic Syndrome

Hematuria & Glomerulonephritis

Renal Failure

Renal Tubular Acidosis, Diabetes insipidus

Clinical Approach to Potassium Abnormalities

Sodium & Chloride Abnormalities

Clinical Approach to Acid-Base Physiology

Dehydration & Electrolyte Derangement



## **Urology and Genital Disorders**

Dysuria, Enuresis, Incontinence

Male Genitourinary Disorders

Female Genitourinary Disorders



## **Skin / Dermatology**

Pigmentation

Vascular

Nevi

Neonatal

Epidermis

Eczematous

Cutaneous Bacterial

Viral

Hair and Nails

Mucous Membranes

Eczematous: Atopic Dermatitis

Bites

Fungal

Vesiculobullous



## **Psychosocial Issues**

Family Issues

Societal Issues

Behavioral Issues



## **Ethics**

Ethical Considerations in Pediatrics

End of Life Care

Medical Errors



## **Research Methods**

The Purpose of Statistics

Where Studies Come From

How to Use Statistics