

Peds Board Review

Course Curriculum



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**
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 - 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

Dysthythmias



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