

Pediatric Learning Solutions

Pediatric Learning Solutions Course Alignment with CPN® Exam Content Outline.

The following Pediatric Learning Solutions courses align to focus areas of the Certified Pediatric Nurse (CPN®) exam content outline. These courses support candidates by delivering foundational content and are an additional respected preparatory resource for candidates to consider prior to their CPN exam. Go to the [Pediatric Nursing Certification Board](#) site for more information on the CPN exam.



Assessment

Physical

- Pediatric Assessment:
 - The Cardiovascular System
 - The Gastrointestinal System
 - The Genitourinary System
 - The Integumentary System
 - The Musculoskeletal System
 - The Neurological System
 - The Respiratory System
- Comprehensive Assessment of the Neonate
- Assessment of the Critically Ill Child
- Age-Specific Care for:
 - Adolescents
 - Newborns
 - Adults
 - Toddlers
 - Preschoolers
 - Infants
 - School-Age Children
- Developmental Care of the Newborn
- Pain Management: Assessment of Pain
- Nutrition in the Critically Ill Child
- Pediatric Nutritional Overview
- Fluid and Electrolyte Management:
 - Laboratory Assessment
 - Physical Assessment
 - Physiological Differences
 - Replacement Therapy
 - Water Intoxication and Fluid Shift
 - Dehydration
- Preventing Pediatric Falls
- Pediatric Restraint and Seclusion
- Emergency Response for the Non-ALS Care Provider
- Maternal Factors Affecting the Newborn
- Neonatal Abstinence Syndrome
- Child Abuse and Neglect
- Domestic Violence

Psychosocial

- Family-Centered Care in the ICU
- Care of the Dying Child:
 - Care Issues
 - Grief
 - The Dying Process
- Age-Specific Care for:
 - Adolescents
 - School-Age Children
 - Adults
- Care of the Pediatric Patient with Suicidal Ideation
- Child Abuse and Neglect
- Domestic Violence
- Trauma-Informed Practice: Concepts, Goals and Principles
- Implementing Trauma-Informed Sensitive Practice
- Trauma and Stressor-Related Disorders

Health Promotion

Factors that influence health of child, family and/or community

- Family-Centered Care in the ICU
- Caring for the Behaviorally Challenged Patient
- Health Care Advance Directives: Communicating Wishes
- Introduction to Ethics
- Care of the Dying Child: Care Issues

Provide anticipatory guidance and education across the pediatric age continuum

- Age-Specific Care for:
 - Adolescents
 - Adults
 - Infants
 - Newborns
 - Preschoolers
 - School-Age Children
 - Toddlers
- Developmental Care of the Newborn
- Nutrition in the Critically Ill Child
- Pediatric Nutritional Overview
- Neonatal Nutrition
- Family-Centered Care in the ICU
- Caring for the Behaviorally Challenged Patient

Refer child and family to community resources

Incorporated into all PLS courses

Management

Palliative and End of Life Care

- Organ and Tissue Donation: The Gift of Life
- Care of the Dying Child:
 - Care Issues
 - Grief
 - The Dying Process

- Pain Management: Pharmacological Management of Pediatric Pain
- Family-Centered Care in the ICU
- Health Care Advanced Directives: Communicating Wishes

Psychosocial/Behavioral

Note: Parent education and discharge considerations are incorporated into all PLS courses.

- Age-Specific Care for:
 - Adolescents
 - Adults
 - Infants
 - Newborns
 - Preschoolers
 - School-Age Children
 - Toddlers
- Developmental Care of the Newborn

Professional Responsibilities

- Therapeutic Relationships and Professional Behavior
- Building Effective Teams
- Introduction to Ethics
- Introduction to Research Ethics
- Empowering Teams
- Giving and Receiving Feedback
- Clinical Delegation

Management Cont.

Acute and Chronic Illness

- Pediatric Assessment:
 - The Cardiovascular System
 - The Gastrointestinal System
 - The Genitourinary System
 - The Integumentary System
 - The Musculoskeletal System
 - The Neurological System
 - The Respiratory System
- Comprehensive Assessment of the Neonate
- Assessment of the Critically Ill Child
- Pain Management:
 - Assessment of Pain
 - Pharmacological Management of Pediatric Pain
 - Non-Pharmacological Therapies in the Management of Pediatric Pain
 - Pain Pathophysiology
- Pain Technologies: PCA & Epidural Analgesia
- Basic Medication Calculation
- Advanced Medication Calculation
- High-Alert Medications
- Medication Error Reduction
- Arrhythmia Recognition: Analyzing the ECG Rhythm Strip
- Emergency Response for the Non-ALS Care Provider
- Clinical Delegation
- Caring for the Behaviorally Challenged Patient
- Nutrition in the Critically Ill Child
- Pediatric Nutrition Overview
- Pediatric Peripheral IV Care & Management
- Management of PIV Complications in the Pediatric Patient
- Central Lines in the Neonate
- Lower Airway Diseases
- Caring for a Child with a Tracheostomy
- Cystic Fibrosis
- Nursing Management of Chest Tubes
- Basic Principles of Oxygen Therapy, Specialty Gases and Noninvasive Ventilation
- Chest X-ray Interpretation
- Fluids and Electrolytes:
 - Laboratory Assessment
 - Physical Assessment
 - Physiological Differences
 - Replacement Therapy
 - Water Intoxication and Fluid Shift
- Fluids and Electrolyte Imbalance: Dehydration
- Glucose Homeostasis in the Neonate
- Pediatric Sepsis
- Neonatal Sepsis
- Management of MDROs in the Health Care Setting (Clinical)
- Anthrax: What Clinicians Need to Know
- Preventing Surgical Site Infections
- Preventing Ventilator-Associated Pneumonia
- Preventing Central Line-Associated Bloodstream Infections (CLABSI)
- Tuberculosis
- General Post-Op Care of the Transplant Patient
- Caring for the Pediatric Patient in Shock
- Pediatric Toxicology Exposure
- Pediatric Abdominal Trauma
- Abdominal Emergencies
- Pediatric Orthopedic Trauma
- Pediatric Spinal Column/Cord Injuries
- Pediatric Thoracic Trauma
- Pediatric Traumatic Brain Injury
- Pediatric Burns
- The Deadly Triad of Trauma
- Procedural Sedation in the Pediatric Patient
- Status Epilepticus
- Thermoregulation of the Newborn Infant
- Meningitis and Encephalitis
- Hydrocephalus
- Neonatal Seizures
- Blood Administration:
 - Administration of Blood and Blood Components
 - Blood Components
 - Transfusion Reaction
 - Exchange Transfusion
- Thrombocytopenia: ITP and HIT/T
- Disseminated Intravascular Coagulation
- Chemotherapy General Principles and Safety
- Sickle Cell Crisis
- Hemophilia: An Overview
- Acquired Heart Disease
- Congestive Heart Failure
- Congenital Heart Disease:
 - An Overview: Acyanotic Defects
 - Congenital Heart Disease: Cyanotic Defects
- Developmental Care of the Newborn
- Management of the Difficult Airway
- Metabolic Disorders of the Newborn
- Diabetes Mellitus
- Diabetes Ketoacidosis
- Child Abuse and Neglect
- Care of the Pediatric Patient with Suicidal Ideation
- Renal Failure in the Pediatric Patient
- Peritoneal Dialysis
- Preventing Catheter-Associated Urinary Tract Infections (CAUTI)
- Introduction to Pediatric Pressure Injuries
- Pressure Injuries in the Pediatric Population: Staging and Care
- Pressure Injuries Staging Assessment
- Pediatric Restraint and Seclusion
- Preventing Pediatric Falls
- Caring for the Complex Patient
- Anxiety and Obsessive-Compulsive Disorders (OCD)
- Attention-Deficit/Hyperactivity Disorder (ADHD)
- Autism Spectrum Disorder (ASD)
- Crisis Prevention Through Verbal and Non-Verbal De-escalation Strategies
- Eating Disorders
- Effective Use of Psychotropic Medications in the Prevention and Management of Disruptive Behaviors
- Implementing Trauma-Informed Sensitive Practice
- Oppositional Defiant Disorder (ODD)
- Trauma-Informed Practice: Concepts, Goals and Key Principles
- Trauma and Stress-related Disorders
- Pediatric Depressive Mood Disorders
- Psychotic Disorders