

# Pediatric Learning Solutions

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## **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
  - Preschoolers
  - Infants
  - Toddlers
  - School-Age Children
- Developmental Care of the Newborn
- Pain Management: Assessment of Pain
- Nutrition in the Critically Ill Child
- Pediatric Nutritional Overview
- Fluids and Electrolytes:
  - Laboratory Assessment
  - Physical Assessment
  - Physiological Differences
- Fluids and Electrolytes Imbalance: Dehydration
- Preventing Pediatric Falls
- Pediatric Restraint and Seclusion
- Emergency Response for the Non-ALS Care Provider
- Maternal Factors Affecting the Newborn
- 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
- Caring for the Long-Term Patient (*Coming 2018*)
- Care of the Pediatric Patient with Suicidal Ideation (*Coming 2017*)
- Child Abuse and Neglect
- Domestic Violence

# 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
- Caring of the Dying Child:
  - Care Issues
  - Grief
  - The Dying Process

- Pain Management: Pharmacological Management of Pediatric Pain
- Family-Centered Care in the ICU
- Caring for the Long-Term Patient (*Coming 2018*)
- 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 Behaviors (*Coming 2017*)
- 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
- Care of the Pediatric Patient in Shock
- Pediatric Toxicology Exposure
- Pediatric Abdominal Trauma
- Pediatric Orthopedic Trauma
- Pediatric Spinal Column/Cord Injuries
- Pediatric Thoracic Trauma
- Pediatric Traumatic Brain Injury
- Pediatric Burn Wounds
- 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 (*Coming 2017*)
- 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 (*Coming 2017*)
- 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