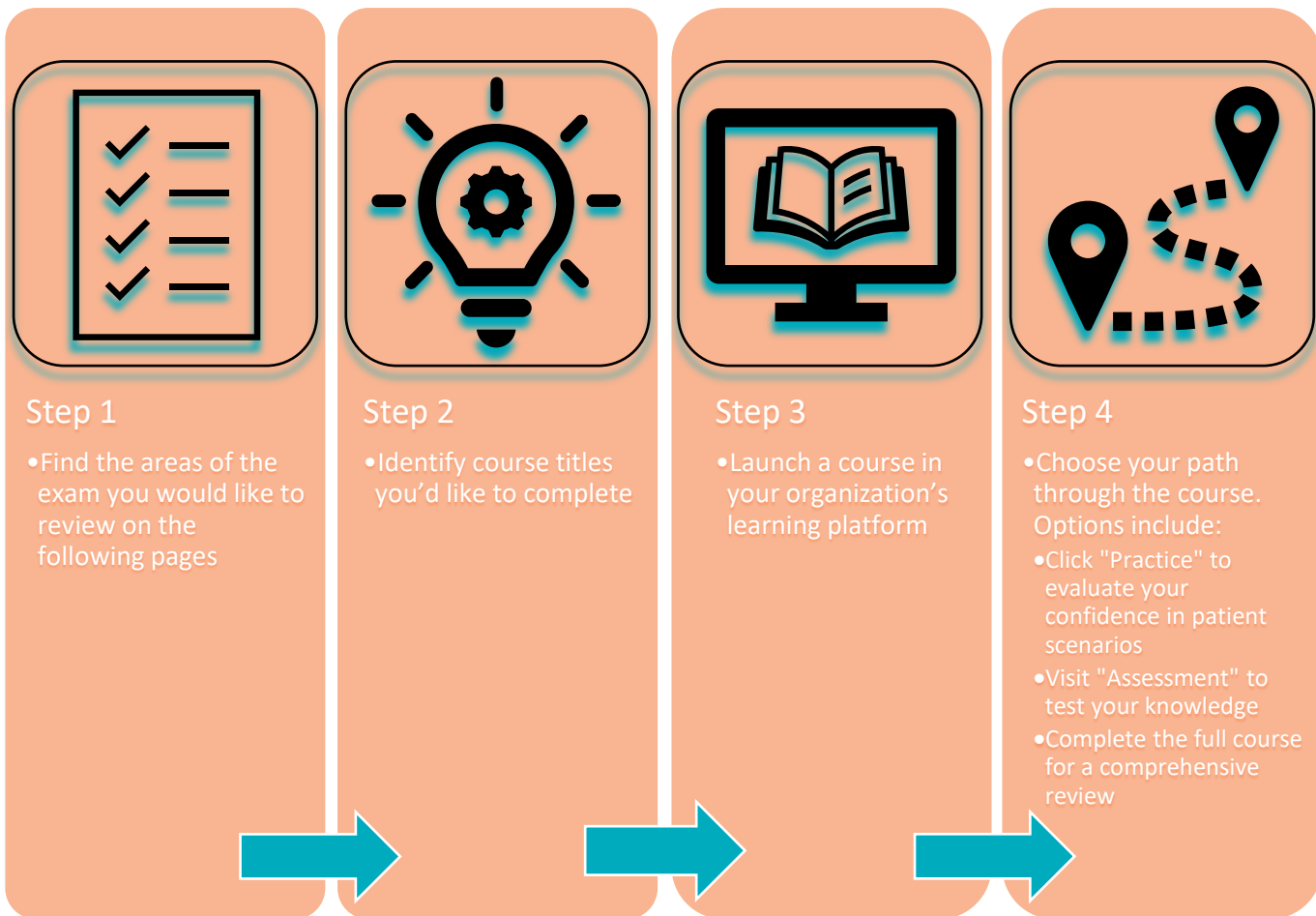


Pediatric Learning Solutions

Pediatric Learning Solutions' Course Alignment with CPHON® Exam Content Outline

The following Pediatric Learning Solutions courses align to focus areas of the Certified Pediatric Hematology Oncology Nurse (CPHON®) 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 exam. Go to the [Oncology Nursing Certification Corp](#) site for more information on the CPHON® exam.

Steps to Using this Study Guide



As you review this study guide, please note:

- ✓ It may not be necessary to complete every course on the list—Focus on areas in which learning reinforcement is needed and desired.
- ✓ Some courses apply to multiple exam content focus areas and are therefore listed multiple times.

Care Continuum

Transition of Care

- ✓ Content Care of the Dying Child: Care Issues
- ✓ Care of the Dying Child: Grief
- ✓ Care of the Dying Child: The Dying Process
- ✓ Health Care Advance Directives: Communicating Wishes
- ✓ Caring for the Complex Patient

Survivorship

- ✓ Care of the Dying Child: Grief *ongoing care/survivorship

Health Promotion and Maintenance

- ✓ Hand Hygiene
 - ✓ Age-Specific Care for Adolescents
 - ✓ Age-Specific Care for Adults
 - ✓ Age-Specific Care for Infants
 - ✓ Age-Specific Care for Newborns
 - ✓ Age-Specific Care for Preschoolers
 - ✓ Age-Specific Care for School-Age Children
 - ✓ Age-Specific Care for Toddlers
 - ✓ Age-Specific Care: Newborn Through Adult
- Note: Parent education and discharge considerations are incorporated into all PLS courses.*

Pediatric Hematology and Oncology Nursing Practice

Pediatric Cancers and Hematologic Disorders

- ✓ Hemophilia: An Overview
- ✓ Pediatric Hematologic Disorders
- ✓ Pediatric Leukemia and Lymphoma
- ✓ Solid Tumors: Bone and Soft Tissue Sarcomas
- ✓ Solid Tumors: Brain and Spine
- ✓ Solid Tumors: Neuroblastoma, Liver, Kidney and Germ Cell Tumors
- ✓ Thrombocytopenia: ITP and HIT/T
- ✓ Sickle Cell Crisis
- ✓ Disseminated Intravascular Coagulation
- ✓ Intracranial Pressure Monitoring and Management

Clinical Trials

- ✓ Introduction to Research Ethics * phases of clinical trials

Treatment Modalities and Side Effects Hematology

- ✓ Hemophilia: An Overview
- ✓ Pediatric Stem Cell Transplant
- ✓ Thrombocytopenia: ITP and HIT/T
- ✓ Sickle Cell Crisis
- ✓ Disseminated Intravascular Coagulation
- ✓ Chemotherapy General Principles and Safety
- ✓ Blood and Blood Components Administration
- ✓ Blood Components
- ✓ Blood Exchange Transfusion
- ✓ Blood Transfusion Reaction
- ✓ Basic Medication Calculation

- ✓ High-Alert Medications
- ✓ Fluid and Electrolyte Management: Physiological Differences
- ✓ Fluid and Electrolyte Management: Replacement Therapy
- ✓ Pediatric Sepsis
- ✓ Caring for the Pediatric Patient in Shock
- ✓ Advanced Medication Calculation
- ✓ Fluid and Electrolyte Management: Dehydration
- ✓ Fluid and Electrolyte Management: Laboratory Assessment
- ✓ Fluid and Electrolyte Management: Physical Assessment

Oncology

- ✓ Pediatric Leukemia and Lymphoma
- ✓ Pediatric Stem Cell Transplant
- ✓ Solid Tumors: Bone and Soft Tissue Sarcomas
- ✓ Solid Tumors: Brain and Spine
- ✓ Solid Tumors: Neuroblastoma, Liver, Kidney and Germ Cell Tumors
- ✓ Chemotherapy General Principles and Safety
- ✓ Blood and Blood Components Administration
- ✓ Blood Components Blood Exchange Transfusion
- ✓ Blood Transfusion Reaction
- ✓ Fluid and Electrolyte Management: Dehydration
- ✓ Fluid and Electrolyte Management: Laboratory Assessment
- ✓ Fluid and Electrolyte Management: Physical Assessment
- ✓ Fluid and Electrolyte Management: Physiological Differences
- ✓ Fluid and Electrolyte Management: Replacement Therapy
- ✓ Pediatric Sepsis
- ✓ Caring for the Pediatric Patient in Shock
- ✓ General Post-op Care of the Transplant Patient
 - *cellular therapies

Symptom Management and Supportive Care

Supportive Care

- ✓ Basic Principles of Oxygen Therapy, Specialty Gases and Noninvasive Ventilation
- ✓ Family-Centered Care in the ICU
- ✓ Preventing Central Line-Associated Bloodstream Infections
- ✓ Pediatric Peripheral IV Care & Management
- ✓ Blood and Blood Components Administration
- ✓ Nutrition in the Critically Ill Child
- ✓ Sedation and Analgesia in the ICU
- ✓ Pain Management: Assessment of Pain
- ✓ Pain Management: Non-Pharmacological Therapies in the Management of Pediatric Pain
- ✓ Pain Management: Pain Pathophysiology Pain Management: Pharmacological Management of Pediatric Pain
- ✓ Pain Technologies: PCA & Epidural Analgesia
- ✓ Trauma-Informed Practice: Concepts, Goals and Key Principles
- ✓ Implementing Trauma-informed Sensitive Practice

System-Specific Acute, Chronic, and Late Effects

- ✓ Assessment of the Critically Ill Child
- ✓ Acute Respiratory Distress Syndrome
- ✓ Diabetes Insipidus and SIADH
- ✓ Oncologic Emergencies

General Acute, Chronic, and Late Effects

- ✓ Pain Management: Assessment of Pain
- ✓ Pediatric Mood Disorders
- ✓ Anxiety Disorders and Obsessive-Compulsive Disorder

Pediatric Hematologic and Oncologic Emergencies

Infection

- ✓ Assessment of the Critically Ill Child
- ✓ Pediatric Sepsis
- ✓ Caring for the Pediatric Patient in Shock
- ✓ Preventing Surgical Site Infections
- ✓ Oncologic Emergencies

Gastrointestinal

- ✓ Oncologic Emergencies

Metabolic

- ✓ Diabetes Insipidus and SIADH
- ✓ Oncologic Emergencies

Vascular

- ✓ Disseminated Intravascular Coagulation
- ✓ Pediatric Stroke
- ✓ Sickle Cell Crisis
- ✓ Oncologic Emergencies

Neurology

- ✓ Status Epilepticus
- ✓ Intracranial Pressure Monitoring and Management
- ✓ Oncologic Emergencies

Hypersensitivity Reactions

- ✓ Caring for the Pediatric Patient in Shock
- ✓ Oncologic Emergencies

Extravasation

- ✓ Pediatric Peripheral IV Care & Management
- ✓ Management of Peripheral IV Complications in the Pediatric Patient

Cardiopulmonary

- ✓ Trauma- and Stressor-Related Disorders Arrhythmia Recognition: Just the Basics
- ✓ Arrhythmia Recognition: Analyzing the ECG Rhythm Strip
- ✓ Arrhythmia Recognition: Atrial
- ✓ Arrhythmia Recognition: Atrioventricular Blocks
- ✓ Arrhythmia Recognition: Channelopathies
- ✓ Arrhythmia Recognition: Electrophysiology
- ✓ Arrhythmia Recognition: Junctional
- ✓ Arrhythmia Recognition: Lines, waveforms and segments
- ✓ Arrhythmia Recognition: Sinus
- ✓ Arrhythmia Recognition: Structure and function of the heart
- ✓ Arrhythmia Recognition: The Cardiac monitor
- ✓ Arrhythmia Recognition: Ventricular
- ✓ Permanent pacemakers and ICDs
- ✓ Temporary Pacemakers
- ✓ Lower Airway Diseases
- ✓ Acute Respiratory Distress Syndrome
- ✓ Advanced Concepts in Respiratory Physiology
- ✓ Emergency Response for the Deteriorating Pediatric Patient

Psychosocial Dimensions

Social Relationships and Family Dynamics

- ✓ Trauma-Informed Practice: Concepts, Goals and Key Principles
- ✓ Implementing Trauma-informed Sensitive Practice
- ✓ Trauma- and Stressor-Related Disorders
- ✓ Family-Centered Care in the ICU
- ✓ Therapeutic Relationships and Professional Behavior
- ✓ Child Abuse and Neglect
- ✓ Intimate Partner Violence

Principles of Growth and Development

- ✓ Age-Specific Care for Adolescents
- ✓ Age-Specific Care for Adults
- ✓ Age-Specific Care for Infants
- ✓ Age-Specific Care for Newborns
- ✓ Age-Specific Care for Preschoolers
- ✓ Age-Specific Care for School-Age Children
- ✓ Age-Specific Care for Toddlers
- ✓ Age-Specific Care: Newborn Through Adult

Grief and Bereavement

- ✓ Care of the Dying Child: Care Issues
- ✓ Care of the Dying Child: Grief
- ✓ Care of the Dying Child: The Dying Process

Cultural Considerations and Diversity

- ✓ Ethnic Hair Care Job Aid

Sexuality and Gender Identity

- ✓ Age-Specific Care for Adolescents

Socioeconomic Issues

- ✓ Family-Centered Care in the ICU

Socioeconomic Issues

- ✓ Family-Centered Care in the ICU