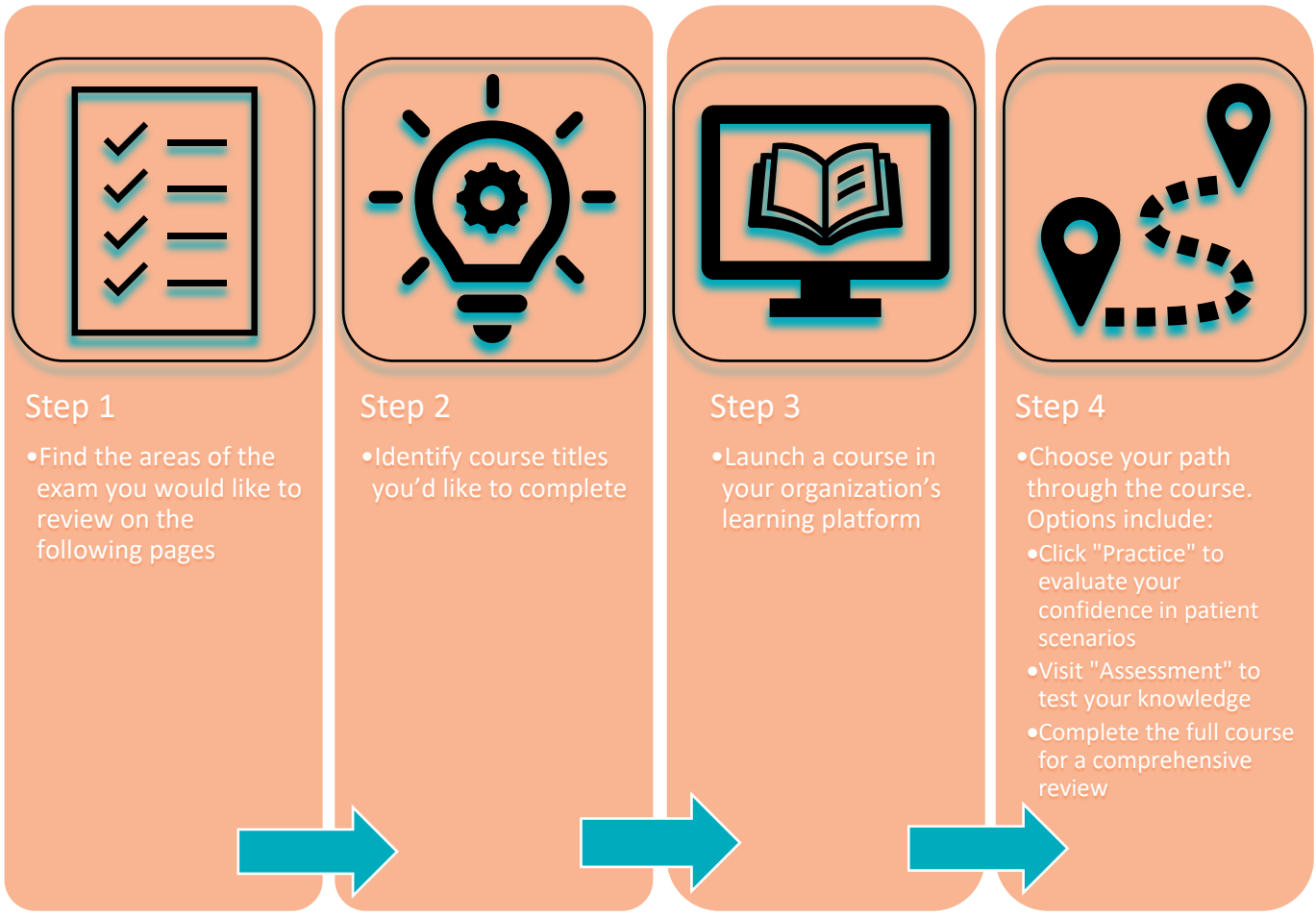
Pediatric Learning Solutions' Course Alignment with NICU RNC Exam Detailed Content Outline

The following Pediatric Learning Solutions courses align to focus areas of the Core RNC Neonatal Intensive Care Nursing exam content outline. This resource can also be used to prepare for the Core RNC Inpatient Obstetric Nursing, Low Risk Neonatal Nursing and Maternal Newborn Nursing exams. These courses support candidates by delivering foundational content and are a respected preparatory resource to consider prior to their exam. Go to the National Certification Corporation site for more information on the Core RNC Exams.

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.

CHILDREN'S HOSPITAL ASSOCIATION

General Assessment and Management

Maternal History and Risk

Effects of Maternal Medical Complications
- ✓ Maternal Factors Affecting the Newborn
- ✓ Anemia and Polycythemia in the Neonate
- ✓ Neonatal Sepsis
- ✓ Thrombocytopenia: ITP and HIT/T

Problems Associated With Amniotic Fluid and Membranes
- ✓ Maternal Factors Affecting the Newborn
- ✓ Comprehensive Assessment of the Neonate
- ✓ Neonatal Sepsis

Significance of Finding (AFP/BPP/diagnostic ultrasound)
- ✓ Maternal Factors Affecting the Newborn
- ✓ Comprehensive Assessment of the Neonate

Fetal Heart Rate
- ✓ Maternal Factors Affecting the Newborn

Maternal Medications
- ✓ Maternal Factors Affecting the Newborn
- ✓ Intrauterine Substance Exposure

Problems in Labor
- ✓ Maternal Factors Affecting the Newborn
- ✓ Anemia and Polycythemia in the Neonate
- ✓ Meconium Aspiration Syndrome
- ✓ Hypoxic Ischemic Encephalopathy

Obstetric Emergencies
- ✓ Maternal Factors Affecting the Newborn
- ✓ Anemia and Polycythemia in the Neonate
- ✓ Hypoxic Ischemic Encephalopathy

Impact of Methods of Delivery on the Neonate
- ✓ Maternal Factors Affecting the Newborn

Fluids and Electrolytes

Normal Requirements
- ✓ Neonatal Nutrition
- ✓ Fluid and Electrolyte Management: Physiological Differences

Monitoring Status
- ✓ Neonatal Nutrition
- ✓ Fluid and Electrolyte Management: Laboratory Assessment
- ✓ Fluid and Electrolyte Management: Physical Assessment
- ✓ Fluid and Electrolyte Management: Dehydration

Effects of Humidity, Maturity, Temperature
- ✓ Comprehensive Assessment of the Neonate
- ✓ Maternal Factors Affecting the Newborn
- ✓ Neonatal Nutrition
- ✓ Neonatal Skin Care
- ✓ Thermoregulation of the Newborn Infant
- ✓ Developmental Care of the Newborn

Specific Problems
- ✓ Gastroschisis and Omphalocele
- ✓ Thermoregulation of the Newborn Infant
- ✓ Neonatal Skin Care
- ✓ Hypoxic Ischemic Encephalopathy
- ✓ Neonatal Nutrition
- ✓ Fluid and Electrolytes: Dehydration
- ✓ Anemia and Polycythemia in the Neonate
- ✓ CHD: Decreased Pulmonary Blood Flow
- ✓ CHD: Decreased Systemic Blood Flow
- ✓ CHD: Increased Pulmonary Blood Flow
- ✓ Pediatric Peripheral IV Care and Management
- ✓ Management of Peripheral IV Complications in the Pediatric Patient

Parenteral Fluid Therapy
- ✓ Neonatal Nutrition
- ✓ Pediatric Peripheral IV Care and Management
- ✓ Central Lines in the Neonate

Resuscitation and Stabilization

Resuscitation and Stabilization of Diaphragmatic Hernia, Hydrops, Asphyxia, Upper Airway Obstruction
- ✓ Congenital Diaphragmatic Hernia
- ✓ Maternal Factors Affecting the Newborn
- ✓ Hypoxic Ischemic Encephalopathy
- ✓ Management of the Difficult Airway

Physical Assessment

Normal/Abnormal Findings
- ✓ Comprehensive Assessment of the Neonate
- ✓ Maternal Factors Affecting the Newborn
- ✓ Developmental Care of the Newborn

Nutrition and Feeding

Nutritional Requirements

- ✓ Neonatal Nutrition
- ✓ Fluid and Electrolyte Management: Physiological Differences
- ✓ Nutrition of the Critically Ill Child
- ✓ Pediatric Nutritional Overview

Enteral Feeding (feeding cues, bottle/breastfeeding, dietary supplements)

- ✓ Neonatal Nutrition
- ✓ Nutrition of the Critically Ill Child
- ✓ Pediatric Nutritional Overview
- ✓ Developmental Care of the Newborn

Parenteral Nutrition

- ✓ Neonatal Nutrition
- ✓ Nutrition of the Critically Ill Child
- ✓ Pediatric Nutritional Overview
- ✓ Pediatric Peripheral IV Care and Management

Nutritional Management (BPD, prematurity, short gut)

- ✓ Neonatal Nutrition
- ✓ Nutrition of the Critically Ill Child
- ✓ Pediatric Nutritional Overview
- ✓ Necrotizing Enterocolitis
- ✓ Bronchopulmonary Dysplasia
- ✓ Gastroschisis and Omphalocele

Oxygenation/Ventilation and Acid-Base Homeostasis

Oxygenation: Interpretation and Management

- ✓ Basic Principles of Oxygen Therapy, Specialty Gases and Noninvasive Ventilation
- ✓ Comprehensive Assessment of the Neonate
- ✓ Extrauterine Life: Assessment of the Neonate's Transition
- ✓ Extrauterine Life: Fetal to Neonatal Circulation
- ✓ Advanced Concepts in Respiratory Physiology

Methods of Oxygenation/Ventilation

- ✓ Basic Principles of Oxygen Therapy, Specialty Gases and Noninvasive Ventilation
- ✓ Introduction to ECMO

Mechanical Ventilation

- ✓ Advanced Concepts in Respiratory Physiology
- ✓ Mechanical Ventilation: Introduction to Pediatric Practices
- ✓ High-Frequency Ventilation
- ✓ Preventing Ventilator-Associated Pneumonia
- ✓ Basic Principles of Oxygen Therapy, Specialty Gases and Noninvasive Ventilation

Blood Gases: Interpretation and Management

- ✓ Advanced Concepts in Respiratory Physiology
- ✓ Introduction to Arterial Blood Gas Interpretation
- ✓ Understanding Abnormal Blood Gases

Gestational Age (At Birth)

Interpretation of Growth Curves

- ✓ Comprehensive Assessment of the Neonate
- ✓ Neonatal Nutrition

Associated Risks of Preterm, Post-term, SGA/IUGR and LGA

- ✓ Comprehensive Assessment of the Neonate
- ✓ Maternal Factors Affecting the Newborn
- ✓ Neonatal Nutrition
- ✓ Neonatal Respiratory Distress Syndrome
- ✓ Neonatal Skin Care
- ✓ Thermoregulation of the Newborn Infant
- ✓ Glucose Homeostasis in the Neonate
- ✓ Central Lines in the Neonate
- ✓ Management of Peripheral IV Complications in the Pediatric Patient

Thermoregulation

Mechanisms of Heat Loss/Production

- ✓ Thermoregulation of the Newborn Infant
- ✓ Neonatal Skin Care

Maintaining NTE

- ✓ Thermoregulation of the Newborn Infant
- ✓ Neonatal Skin Care

Management of Thermoregulation Problems

- ✓ Thermoregulation of the Newborn Infant
- ✓ Neonatal Skin Care
- ✓ Developmental Care of the Newborn

Equipment

- ✓ Thermoregulation of the Newborn Infant
- ✓ Neonatal Skin Care
- ✓ Developmental Care of the Newborn

Pharmacology

Principles of Neonatal Pharmacology
- ✓ Neonatal Pharmacokinetics

Dosage Calculation
- ✓ Neonatal Pharmacokinetics
- ✓ Basic Medication Calculation
- ✓ Advanced Medication Calculation

Common Drugs
- ✓ Neonatal Pharmacokinetics
- ✓ Neonatal Sepsis
- ✓ Neonatal Pain Assessment and Management
- ✓ CHD: Decreased Pulmonary Blood Flow
- ✓ CHD: Decreased Systemic Blood Flow
- ✓ CHD: Increased Pulmonary Blood Flow
- ✓ Apnea of Prematurity
- ✓ Neonatal Seizures
- ✓ Persistent Pulmonary Hypertension of the Newborn (PPHN)
- ✓ Vasoactive Medications

Management of the Drug Exposed Neonate
- ✓ Maternal Factors Affecting the Newborn
- ✓ Intrauterine Substance Exposure

Laboratory Drug Testing
- ✓ Intrauterine Substance Exposure

Developmental Care

Neurobehavioral Development/Self- Regulatory
- ✓ Developmental Care of the Newborn

Impact of NICU Environment
- ✓ Developmental Care of the Newborn
- ✓ Family-Centered Care in the NICU

Intervention Strategies
- ✓ Developmental Care of the Newborn
- ✓ Family-Centered Care in the NICU
- ✓ Age-Specific Care for Newborns
- ✓ Age-Specific Care for Infants

Pain
- ✓ Neonatal Pain Assessment and Management
- ✓ Developmental Care of the Newborn
- ✓ Pain Management: Non-Pharmacological Therapies in the Management of Pediatric Pain

Assess and Manage Pathophysiologic States

Gastrointestinal

Normal GI Function/Maturation of GI Tract
- ✓ Pediatric Assessment: The Gastrointestinal System
- ✓ Comprehensive Assessment of the Neonate
- ✓ Gastroschisis and Omphalocele

Specific Problems (Presentation/Causes/ Management/Complications/Outcomes)
- ✓ GE Reflux
  - ✓ Neonatal Nutrition
  - ✓ Nutrition in the Critically Ill Child
  - ✓ Esophageal Atresia and Tracheoesophogeal Fistula
- ✓ GI Bleeds/Perforation/Peritonitis
  - ✓ Necrotizing Enterocolitis
  - ✓ Gastroschisis and Omphalocele
  - ✓ Neonatal Sepsis
- ✓ Hirschsprung's Disease
  - ✓ Comprehensive Assessment of the Neonate
- ✓ Intestinal Obstructions (Including meconium ileus/plug, volvulus, malrotation, ostomy care)
  - ✓ Comprehensive Assessment of the Neonate
  - ✓ Pediatric Assessment: The Gastrointestinal System
  - ✓ Necrotizing Enterocolitis
  - ✓ Gastroschisis and Omphalocele
  - ✓ Neonatal Sepsis
- ✓ Necrotizing Enterocolitis (Including colitis, bloody stools)
  - ✓ Necrotizing Enterocolitis
  - ✓ Neonatal Nutrition
  - ✓ Disseminated Intravascular Coagulation
  - ✓ Neonatal Sepsis
  - ✓ Preventing Surgical Site Infections
- ✓ Omphalocele/Gastroschisis
  - ✓ Gastroschisis and Omphalocele
  - ✓ Mechanical Ventilation: Introduction to Pediatric Practices
  - ✓ Preventing Surgical Site Infections
- ✓ Short Gut Syndrome
  - ✓ Necrotizing Enterocolitis
  - ✓ Preventing Surgical Site Infections
  - ✓ Nutrition in the Critically Ill Child
  - ✓ General Post-Op Care of the Transplant Patient

Cardiac

Transition to Extrauterine Life

- ✓ Extrauterine Life: Assessment of the Neonate's Transition
- ✓ Extrauterine Life: Fetal to Neonatal Circulation

Cyanosis

- ✓ Comprehensive Assessment of the Neonate
- ✓ Persistent Pulmonary Hypertension of the Newborn (PPHN)

Cardiovascular Assessment

- ✓ Comprehensive Assessment of the Neonate
- ✓ Pediatric Assessment: The Cardiovascular System
- ✓ Hemodynamic Monitoring
- ✓ Arrhythmia Recognition: The Cardiac Monitor

Specific Problems (Presentation/Causes/ Management/Complications/Outcomes)

- ✓ Arrhythmias
  - ✓ Structure and Function of the Heart
  - ✓ Electrophysiology
  - ✓ The Cardiac Monitor
  - ✓ Lines, Waves and Segments
  - ✓ Analyzing the ECG Rhythm Strip
  - ✓ Sinus Rhythms
  - ✓ Atrial Arrhythmias
  - ✓ Junctional Arrhythmias
  - ✓ Ventricular Arrhythmias
- ✓ Cardiac Tamponade
  - ✓ Pneumothorax in the Neonate
- ✓ Caring for the Pediatric Patient in Shock Congestive Heart Failure
  - ✓ Congestive Heart Failure
  - ✓ Hemodynamic Monitoring
  - ✓ Vasoactive Medications
- ✓ Congenital Heart Defects
  - ✓ CHD: An Overview
  - ✓ CHD: Decreased Pulmonary Blood Flow
  - ✓ CHD: Decreased Systemic Blood Flow
  - ✓ CHD: Increased Pulmonary Blood Flow
  - ✓ Extrauterine Life: Fetal to Neonatal Circulation
  - ✓ Maternal Factors Affecting the Newborn
  - ✓ Congestive Heart Failure
  - ✓ Hemodynamic Monitoring
  - ✓ Vasoactive Medications
  - ✓ Cardiovascular Laboratory Procedures: Diagnostic & Interventional
  - ✓ Extrauterine Life: Fetal to Neonatal Circulation
  - ✓ Vasoactive Medications
- ✓ Hypertension
  - ✓ Extrauterine Life: Fetal to Neonatal Circulation
  - ✓ Comprehensive Assessment of the Neonate
  - ✓ Persistent Pulmonary Hypertension of the Newborn (PPHN)
- ✓ Patent Ductus Arteriosus
  - ✓ CHD: An Overview
  - ✓ CHD: Increased Pulmonary Blood Flow
  - ✓ Extrauterine Life: Fetal to Neonatal Circulation
  - ✓ Vasoactive Medications
- ✓ Shock
  - ✓ Caring for the Pediatric Patient in Shock

Respiratory

Normal Pulmonary Function

- ✓ Comprehensive Assessment of the Neonate
- ✓ Extrauterine Life: Assessment of the Neonate's Transition
- ✓ Advanced Concepts in Respiratory Physiology

Specific Problems (Presentation/Causes/ Management/Complications/Outcomes)

- ✓ Apnea of Prematurity
  - ✓ Apnea of Prematurity
  - ✓ Basic Principles of Oxygen Therapy, Specialty Gases and Noninvasive Ventilation
- ✓ Bronchopulmonary Dysplasia
  - ✓ Bronchopulmonary Dysplasia
  - ✓ Basic Principles of Oxygen Therapy, Specialty Gases and Noninvasive Ventilation
  - ✓ Neonatal Nutrition
- ✓ Diaphragmatic Hernia/Paralysis
  - ✓ Comprehensive Assessment of the Neonate
  - ✓ Congenital Diaphragmatic Hernia
  - ✓ Advanced Concepts in Respiratory Physiology
  - ✓ Mechanical Ventilation: Introduction to Pediatric Practices
  - ✓ High-Frequency Ventilation
  - ✓ Basic Principles of Oxygen Therapy, Specialty Gases and Noninvasive Ventilation
  - ✓ Vasoactive Medications
  - ✓ Persistent Pulmonary Hypertension of the Newborn (PPHN)
  - ✓ Introduction to ECMO
- ✓ Hypoplastic Lungs
  - ✓ Comprehensive Assessment of the Neonate
  - ✓ Congenital Diaphragmatic Hernia
  - ✓ Advanced Concepts in Respiratory Physiology
  - ✓ Mechanical Ventilation: Introduction to Pediatric Practices
  - ✓ High-Frequency Ventilation
  - ✓ Vasoactive Medications
  - ✓ Basic Principles of Oxygen Therapy, Specialty Gases and Noninvasive Ventilation
  - ✓ Persistent Pulmonary Hypertension of the Newborn (PPHN)
  - ✓ Introduction to ECMO
  - ✓ Hemodynamic Monitoring
  - ✓ Vasoactive Medications
- ✓ Meconium Aspiration
  - ✓ Meconium Aspiration Syndrome
  - ✓ Basic Principles of Oxygen Therapy, Specialty Gases and Noninvasive Ventilation
  - ✓ Mechanical Ventilation: Introduction to Pediatric Practices

- ✓ High-Frequency Ventilation
- ✓ Introduction to ECMO
- ✓ Vasoactive Medications

✓ Persistent Pulmonary Hypertension
- ✓ Persistent Pulmonary Hypertension of the Newborn (PPHN)
- ✓ Extrauterine Life:
  - Assessment of the Neonate's Transition
  - Fetal to Neonatal Circulation
- ✓ High-Frequency Ventilation
- ✓ Advanced Concepts in Respiratory Physiology
- ✓ Mechanical Ventilation: Introduction to Pediatric Practices
- ✓ High-Frequency Ventilation
- ✓ Introduction to ECMO
- ✓ Basic Principles of Oxygen Therapy, Specialty Gases and Noninvasive Ventilation
- ✓ Vasoactive Medications

✓ Transient Tachypnea of the Newborn
- ✓ Transient Tachypnea of the Newborn
  - Assessment of the Neonate's Transition
  - Fetal to Neonatal Circulation
- ✓ Maternal Factors Affecting the Newborn
- ✓ Advanced Concepts in Respiratory Physiology
- ✓ Mechanical Ventilation: Introduction to Pediatric
- ✓ Practices
- ✓ High-Frequency Ventilation
- ✓ Preventing Ventilator-Associated Pneumonia
- ✓ Caring for a Child with a Tracheostomy
- ✓ Neonatal Respiratory Distress Syndrome

✓ Specific Therapies
- ✓ Nursing Management of Chest Tubes
- ✓ Advanced Concepts in Respiratory Physiology
- ✓ Mechanical Ventilation: Introduction to Pediatric Practices
- ✓ High-Frequency Ventilation
- ✓ Introduction to ECMO
- ✓ Basic Principles of Oxygen Therapy, Specialty Gases and Noninvasive Ventilation

Hematopoietic

Interpret Laboratory Values

- ✓ Fluid and Electrolyte Management: Laboratory Assessment
- ✓ Neonatal Sepsis
- ✓ Anemia and Polycythemia in the Neonate
- ✓ Disseminated Intravascular Coagulation
- ✓ Thrombocytopenia: ITP and HIT/T
- ✓ Hyperbilirubinemia

Administration of Blood and Blood Products

- ✓ Blood and Blood Components Administration
- ✓ Blood Components
- ✓ Blood Transfusion Reaction
- ✓ Blood Exchange Transfusion
- ✓ Pulmonary Hemorrhage
- ✓ Respiratory Distress Syndrome
  - ✓ Introduction to Arterial Blood Gas Interpretation
  - ✓ Understanding Abnormal Blood Gases

Developmental Differences

- ✓ Anemia and Polycythemia in the Neonate
- ✓ Pneumothorax/Air Leaks
  - ✓ Neonatal Respiratory Distress Syndrome
  - ✓ Pneumothorax in the Neonate
  - ✓ Meconium Aspiration Syndrome
  - ✓ Nursing Management of Chest Tubes
  - ✓ Neonatal Respiratory Distress Syndrome
  - ✓ Pneumothorax in the Neonate
  - ✓ Nursing Management of Chest Tubes
  - ✓ Mechanical Ventilation: Introduction to Pediatric Practices
  - ✓ High-Frequency Ventilation
  - ✓ Basic Principles of Oxygen Therapy, Specialty Gases and Noninvasive Ventilation
  - ✓ Management of the Difficult Airway
  - ✓ Basic Principles of Oxygen Therapy, Specialty Gases and Noninvasive Ventilation
  - ✓ Comprehensive Assessment of the Neonate
  - ✓ Extrauterine Life:

Hyperbilirubinemia

- ✓ Hyperbilirubinemia
- ✓ Anemia and Polycythemia in the Neonate
- ✓ Blood Exchange Transfusion

Specific Problems

- ✓ Anemia
  - ✓ Anemia and Polycythemia in the Neonate
  - ✓ Disseminated Intravascular Coagulation
- ✓ Coagulopathies (e.g., ITP, DIC, HIT)
  - ✓ Disseminated Intravascular Coagulation
  - ✓ Thrombocytopenia: ITP and HIT/T
- ✓ Polycythemia and Hyperviscosity
  - ✓ Hyperbilirubinemia
  - ✓ Anemia and Polycythemia in the Neonate
  - ✓ Blood Exchange Transfusion
  - ✓ Congestive Heart Failure
- ✓ Rh/ABO incompatibilities, Hydrops Fetalis
  - ✓ Anemia and Polycythemia in the Neonate
  - ✓ Maternal Factors Affecting the Newborn
  - ✓ Hyperbilirubinemia
  - ✓ Blood Exchange Transfusion
  - ✓ Congestive Heart Failure
- ✓ Thrombocytopenia
  - ✓ Disseminated Intravascular Coagulation
  - ✓ Neonatal Sepsis
  - ✓ Blood Exchange Transfusion
  - ✓ Thrombocytopenia: ITP and HIT/T

Neurological/Neuromuscular

Specific Problems (Presentation/Causes/ Management/Complications/Outcomes)

- ✓ Birth Injuries
  - ✓ Maternal Factors Affecting the Newborn
  - ✓ Intracranial Pressure Monitoring and Management
  - ✓ Hypoxic Ischemic Encephalopathy
- ✓ Hydrocephalus
  - ✓ Hydrocephalus
  - ✓ Intracranial Pressure Monitoring and Management
  - ✓ Craniotomy
- ✓ Hypoxic Ischemic Encephalopathy
  - ✓ Hypoxic Ischemic Encephalopathy
  - ✓ Organ and Tissue Donation: The Gift of Life
- ✓ Neural Tube Defects (e.g., AV malformation, myelomeningocele, encephalocele)
  - ✓ Hydrocephalus
  - ✓ Maternal Factors Affecting the Newborn
  - ✓ Craniotomy
- ✓ Hemorrhage (germinal matrix, IVH, subdural)
  - ✓ Neonatal Cranial Hemorrhage
  - ✓ Intracranial Pressure Monitoring and Management
  - ✓ Craniotomy
- ✓ Periventricular Leukomalacia
  - ✓ Neonatal Cranial Hemorrhage
  - ✓ Developmental Care of the Newborn
- ✓ Seizures
  - ✓ Status Epilepticus
  - ✓ Neonatal Seizures

Infectious Diseases

Interpret Laboratory Values

- ✓ Neonatal Sepsis
- ✓ Pediatric Sepsis
- ✓ Caring for the Pediatric Patient in Shock

Immature Host Defenses

- ✓ Neonatal Sepsis

Specific Problems (Presentation/Causes/ Management/Complications/Outcomes)

- ✓ Neonatal Sepsis/Meningitis
- ✓ Meningitis and Encephalitis
  - ✓ Neonatal Sepsis
- ✓ Viral and Fungal Infections (hepatitis, CMV, TORCH)
  - ✓ Meningitis and Encephalitis
  - ✓ Neonatal Sepsis
  - ✓ Maternal Factors Affecting the Newborn
- ✓ Bacterial Infections (E. coli, GBS, Staph)
  - ✓ Meningitis and Encephalitis
  - ✓ Neonatal Sepsis
  - ✓ Maternal Factors Affecting the Newborn
- ✓ Infection Control
  - ✓ Preventing Catheter-Associated Urinary Tract Infections (CAUTI)
  - ✓ Preventing Central Line-Associated Bloodstream Infections (CLABSI)
  - ✓ Preventing Surgical Site Infections
  - ✓ Preventing Ventilator-Associated Pneumonia
  - ✓ Central Lines in the Neonate
  - ✓ Management of MDROs in the Health Care Setting (Clinical)

Genitourinary

Normal Renal Function/Urinary Output

- ✓ Comprehensive Assessment of the Neonate
- ✓ Renal Failure in the Pediatric Patient

Specific Problems (Presentation/Causes/ Management/Complications/Outcomes)

- ✓ Genital (ambiguous genitalia, inguinal hernia, testicular torsion)
  - ✓ Comprehensive Assessment of the Neonate
  - ✓ Pediatric Assessment: The Genitourinary System
- ✓ Urinary Tract (renal damage, renal failure, abnormalities, renal vein thrombosis)
  - ✓ Renal Failure in the Pediatric Patient
  - ✓ Hemodialysis
  - ✓ Peritoneal Dialysis
  - ✓ Continuous Renal Replacement Therapy
  - ✓ Neonatal Pharmacokinetics

Genetic Disorders

Inheritance Patterns

- ✓ Metabolic Disorders of the Newborn
- ✓ Hemophilia: An Overview

Chromosomal Anomalies

- ✓ Comprehensive Assessment of the Neonate
- ✓ Maternal Factors Affecting the Newborn

Head, Eyes, Ears, Nose and Throat

Specific Eye Prophylaxis

- ✓ Comprehensive Assessment of the Neonate

Specific Problems (Presentation/Causes/ Management/Complications/Outcomes)

- ✓ Cephalohematoma
  - ✓ Maternal Factors Affecting the Newborn
  - ✓ Comprehensive Assessment of the Neonate
  - ✓ Neonatal Cranial Hemorrhage
- ✓ Choanal Atresia
  - ✓ Comprehensive Assessment of the Neonate
  - ✓ Management of the Difficult Airway
- ✓ Cleft Palate/Lip
  - ✓ Comprehensive Assessment of the Neonate
  - ✓ Neonatal Nutrition
  - ✓ Management of the Difficult Airway
- ✓ Retinopathy of Prematurity
  - ✓ Retinopathy of Prematurity
- ✓ Tracheal Stenosis/Atresia
  - ✓ Management of the Difficult Airway
  - ✓ Caring for a Child with a Tracheostomy
- ✓ Tracheomalacia
  - ✓ Mechanical Ventilation: Introduction to Pediatric Practices
  - ✓ Management of the Difficult Airway
  - ✓ Caring for a Child with a Tracheostomy
- ✓ Tracheostomy
  - ✓ Mechanical Ventilation: Introduction to Pediatric Practices
  - ✓ Management of the Difficult Airway
  - ✓ Caring for a Child with a Tracheostomy
- ✓ Subgaleal
  - ✓ Neonatal Cranial Hemorrhage
  - ✓ Intracranial Pressure Monitoring and Management
  - ✓ Craniotomy
- ✓ Trachea-Esophageal Fistula/Esophageal Atresia (TEF)
  - ✓ Comprehensive Assessment of the Neonate
  - ✓ Esophageal Atresia and TE Fistula
- ✓ Micrognanthia
  - ✓ Maternal Factors Affecting the Newborn
  - ✓ Management of the Difficult Airway

Metabolic/Endocrine

Interpret Laboratory Values

- ✓ Neonatal Nutrition
- ✓ Metabolic Disorders of the Newborn
- ✓ Glucose Homeostasis in the Neonate
- ✓ Diabetes Insipidus and SIADH

Metabolic Screening

- ✓ Neonatal Nutrition
- ✓ Metabolic Disorders of the Newborn

Glucose Homeostasis

- ✓ Metabolic Disorders of the Newborn
- ✓ Glucose Homeostasis in the Neonate
- ✓ Maternal Factors Affecting the Newborn

Specific Problems (Presentation/Causes/ Management/Complications/Outcomes)

- ✓ Hypocalcemia/Hypercalcemia
  - ✓ Maternal Factors Affecting the Newborn
  - ✓ Metabolic Disorders of the Newborn
  - ✓ Neonatal Nutrition
  - ✓ Nutrition in the Critically Ill Child
- ✓ Hypoglycemia/Hyperglycemia
  - ✓ Maternal Factors Affecting the Newborn
  - ✓ Glucose Homeostasis in the Neonate
  - ✓ Diabetes Insipidus and SIADH
  - ✓ Comprehensive Assessment of the Neonate
- ✓ Infant of Diabetic Mother
  - ✓ Maternal Factors Affecting the Newborn
  - ✓ Glucose Homeostasis in the Neonate
- ✓ Thyroid and Adrenal Disorders
  - ✓ Comprehensive Assessment of the Neonate
  - ✓ Maternal Factors Affecting the Newborn
  - ✓ Glucose Homeostasis in the Neonate

Assess and Manage Psychosocial/Behavioral Adjustment

Discharge Planning and Follow-Up

General

- ✓ NOTE: Incorporated into all PLS courses

Infants with Special Needs

- ✓ Neonatal Nutrition
- ✓ Gastroschisis and Omphalocele
- ✓ Hypoxic Ischemic Encephalopathy
- ✓ Caring for a Child with a Tracheostomy
- ✓ Caring for the Complex Patient
- ✓ Intrauterine Substance Exposure

Family Integration

- ✓ Maternal Factors Affecting the Newborn
- ✓ Family-Centered Care in the NICU
- ✓ Intrauterine Substance Exposure

Grieving Process

- ✓ Care of the Dying Child: Care Issues
- ✓ Care of the Dying Child: Grief
- ✓ Care of the Dying Child: The Dying Process
- ✓ Family-Centered Care in the NICU

Professional Issues

Ethical Principles

General

- ✓ Introduction to Ethics

Evidence-Based Practice

General

- ✓ Introduction to Research Ethics

Patient Safety

Communication

- ✓ Building and Leading Effective Teams
- ✓ Empowering Teams
- ✓ Giving and Receiving Feedback

Interprofessional Practice

- ✓ Introduction to Workplace Diversity, Equity and Inclusion
- ✓ Building and Leading Effective Teams

Professional/Legal Issues

Professional Regulation Practice

- ✓ Therapeutic Relationships and Professional Behavior

Staffing Issues

- ✓ Therapeutic Relationships and Professional Behavior
- ✓ Precepting Adult Learners
- ✓ Precepting: Preceptor Roles and Responsibilities Empowering Teams
- ✓ Giving and Receiving Feedback
- ✓ Building and Leading Effective Teams
- ✓ Clinical Delegation

Legal Liability

- ✓ Introduction to Ethics
- ✓ Health Care Advance Directives: Communicating Wishes

Professional Issues

Patient Safety

- ✓ Assessment of the Critically Ill Child
- ✓ High-Alert Medications