



Department of Pediatrics
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Competency-based Goals and Objectives

Goal 1. Delivery Room Management. Develop proficient skills in routine delivery room care.			
Resident Objectives:	Instructional Strategies	Assessment of Competence	ACGME Competency Goals
Assess equipment preparation prior to delivery	Patient care Clinical teaching	Direct observation Self assessment	SBP
Obtain pertinent information of maternal/fetal status	Patient care Clinical teaching	Direct observation Self assessment	PC, ICS
Receive infant from obstetrician	Patient care Clinical teaching	Direct observation Self assessment	P, ICS, PC
Appropriately assess infant's condition (obtain heart rate, auscultate chest)	Patient care Clinical teaching	Direct observation Self assessment	MK, PC
Assign appropriate APGAR scores	Patient care Clinical teaching	Direct observation Self assessment	MK
Prepare necessary equipment for meconium stained amniotic fluid management	Patient care Clinical teaching	Direct observation Self assessment	SBP
Properly intubate and aspirate meconium stained amniotic fluid from newborn	Patient care Clinical teaching	Direct observation Self assessment	MK, PC, PBLI
Determine appropriate disposition	Patient care Clinical teaching	Direct observation Self assessment	SBP, MK
Document thorough and relevant events	Patient care Clinical teaching	Direct observation Self assessment	MK
Understand thermal stabilization	Patient care Clinical teaching	Direct observation Self assessment	MK
Understand NRP guidelines	Patient care Clinical teaching	Direct observation Self assessment	MK
Goal 2. Delivery Room Resuscitation. Recognize and manage newborns in need of advanced resuscitation.			
Resident Objectives:	Instructional Strategies	Assessment of Competence	ACGME Competency Goals
Prepare necessary equipment check for intubation	Patient care Clinical teaching	Direct observation Self assessment	SBP
Perform adequate airway stabilization	Patient care Clinical teaching	Direct observation Self assessment	MK, PC, PBLI
Position and obtain seal with face mask	Patient care Clinical teaching	Direct observation Self assessment	MK, PC, PBLI
Apply CPAP with proper pressure	Patient care Clinical teaching	Direct observation Self assessment	MK, PC, PBLI
Perform positive pressure ventilation correct PIP, PEEP, rate	Patient care Clinical teaching	Direct observation Self assessment	MK, PC, PBLI

Intubate infant with correct size tube and laryngoscope	Patient care Clinical teaching	Direct observation Self assessment	MK, PC, PBLI
Perform chest compressions	Patient care Clinical teaching	Direct observation Self assessment	PC, PBLI
Assess need for UVC placement	Patient care Clinical teaching	Direct observation Self assessment	MK
Goal 3. Diagnose and manage newborns at risk for sepsis.			
Resident Objectives:	Instructional Strategies	Assessment of Competence	ACGME Competency Goals
Obtain appropriate obstetric history and assess for risk factors for neonatal sepsis	Patient care Clinical teaching	Direct observation Self assessment	P, ICS
Understand criteria for maternal chorioamnionitis	Patient care Clinical teaching	Direct observation Self assessment	MK
Understand guidelines for GBS screening and prophylaxis	Patient care Clinical teaching	Direct observation Self assessment	MK
Understand implications of prolonged rupture of membranes (PROM)	Patient care Clinical teaching	Direct observation Self assessment	MK
Understand implications of preterm premature rupture of membranes	Patient care Clinical teaching	Direct observation Self assessment	MK
Perform a complete history and physical	Patient care Clinical teaching	Direct observation Self assessment	ICS, P, PC
Monitor for signs and symptoms of neonatal sepsis	Patient care Clinical teaching	Direct observation Self assessment	MK, PC
Perform lumbar puncture when necessary	Patient care Clinical teaching	Direct observation Self assessment	PC, PBLI
Treat with appropriate antibiotics	Patient care Clinical teaching	Direct observation Self assessment	MK, PC
Understand how to utilize and monitor CRP values	Patient care Clinical teaching	Direct observation Self assessment	MK
Goal 4. Manage care of late preterm infants. Understand and manage special needs of late preterm infants.			
Resident Objectives:	Instructional Strategies	Assessment of Competence	ACGME Competency Goals
Recognize normal newborn physical examination	Patient care Clinical teaching	Direct observation Self assessment	MK
Manage feeding problems associated with prematurity	Patient care Clinical teaching	Direct observation Self assessment	MK, PC
Understand fluid management requirements of premature infants	Patient care Clinical teaching	Direct observation Self assessment	MK
Recognize unique nutrition needs of premature infants	Patient care Clinical teaching	Direct observation Self assessment	MK

Monitor apnea, bradycardia, and desaturation episodes	Patient care Clinical teaching	Direct observation Self assessment	MK, PC
Recognize effects of prematurity on infant development	Patient care Clinical teaching	Direct observation Self assessment	MK
Recognize and manage hyperbilirubinemia of prematurity	Patient care Clinical teaching	Direct observation Self assessment	MK, PC
Appreciate and manage anemia of prematurity	Patient care Clinical teaching	Direct observation Self assessment	MK, PC
Understand temperature instability associated with low birthweight	Patient care Clinical teaching	Direct observation Self assessment	MK
Goal 5. Recognize, evaluate, and manage hypoglycemia of the newborn.			
Resident Objectives:	Instructional Strategies	Assessment of Competence	ACGME Competency Goals
Obtain relevant maternal history and recognize associated risk factors placing infants at increased risk for hypoglycemia	Patient care Clinical teaching	Direct observation Self assessment	P, ICS, MK
Understand glucose requirements of premature infants	Patient care Clinical teaching	Direct observation Self assessment	MK
Understand complications of hypoglycemia	Patient care Clinical teaching	Direct observation Self assessment	MK
Appropriately treat infants with hypoglycemia	Patient care Clinical teaching	Direct observation Self assessment	MK, PC, SBP
Recognize when to consult endocrinology	Patient care Clinical teaching	Direct observation Self assessment	P, PC, MK, ICS
Ensure proper follow up in HRIF Clinic as outpatient if hypoglycemia meets criteria	Patient care Clinical teaching	Direct observation Self assessment	PC
Goal 6. Manage and treat jaundice of the newborn.			
Resident Objectives:	Instructional Strategies	Assessment of Competence	ACGME Competency Goals
Recognize risk factors placing infants at increased risk for hyperbilirubinemia	Patient care Clinical teaching	Direct observation Self assessment	MK
Utilize Bhutani nomogram when appropriate	Patient care Clinical teaching	Direct observation Self assessment	MK, SBP
Understand ABO incompatibility	Patient care Clinical teaching	Direct observation Self assessment	MK
Understand use and mechanism of phototherapy	Patient care Clinical teaching	Direct observation Self assessment	MK

Key:

- PBLI = practice based learning and improvement
- ICS = interpersonal and communication skills
- P = professionalism
- MK = medical knowledge
- PC = patient care
- SBP = systems based practice