

**Harbor-UCLA Medical Center
GOALS and OBJECTIVES**

**NURSERY
Transitional Year Intern Rotation**

**Competency-Based Objectives for Pediatric Program Interns
Assigned to the Nursery Service**

Competency 1: Patient Care.

- a. Use a logical and appropriate clinical approach to the care of newborns, applying principles of evidence-based decision-making and problem solving.
- b. Provide sensitive support to patients and their families in delivery room and level 1 and 2 newborn nursery.

Competency 2: Medical Knowledge

- a. Demonstrate a commitment to acquiring the knowledge needed for the care of newborns in the delivery room and level 1 and 2 nursery.
- b. Know and access medical information efficiently, evaluate it critically, and apply it to newborn care appropriately.

Competency 3: Interpersonal and Communication Skills.

- a. Provide effective patient education, including reassurance, for condition(s) common to the normal newborn.
- b. Communicate and work effectively with staff, health professionals, specialists, referring and primary care providers to facilitate information exchange and team work to enhance patient care.
- c. Develop effective strategies for teaching students, colleagues and other professionals.
- d. Maintain accurate, legible, timely, and legally appropriate medical records for newborns (summary of maternal record, labor & delivery note, admission note, daily progress note, consultant notes and discharge summaries).

Competency 4: Practice-based Learning and Improvement.

- a. Use scientific methods and evidence to investigate, evaluate, and improve patient care practice in the nursery.
- b. Identify standardized guidelines for diagnosis and treatment of conditions common to the newborn nursery, and adapt them to the individual needs of specific patients.
- c. Identify personal learning needs, organize relevant information resources for future reference, and address plans for future learning about newborn care.

Competency 5: Professionalism.

- a. Demonstrate personal accountability to the well being of patients (e.g. following-up lab results, writing through notes, and pursuing answers to patient care questions).
- b. Demonstrate a commitment to professional behavior in interactions with staff and colleagues.
- c. Adhere to ethical and legal principles, and be sensitive to diversity.

Competency 6: Systems-Based Practice.

- a. Demonstrate sensitivity to the costs of clinical care in the nursery, and take steps to minimize costs without compromising quality.
- b. Recognize and advocate for families who need assistance during the hospital stay and after discharge. Effectively using social services and community organizations to support the newborn family as needed.
- c. Recognize one's limits and those of the system; take step to avoid medical errors.

Specific Goals for the Pediatric Nursery Rotation

1. GOAL: Delivery Room. Assess and manage a newborn in the delivery room, including resuscitation and stabilization of a critically ill neonate.
 - a. Explain risk factors at delivery that warrant a pediatrician in attendance.
 - b. Describe the necessary medical equipment for neonatal resuscitation, and demonstrate its proper use.
 - c. Assess and manage normal and high-risk newborns at delivery, including:
 1. Assess the need for immediate resuscitation.
 2. Assign apgar scores.
 3. Use appropriate technique for suctioning.
 4. Demonstrate 2 steps to reduce radiant heat loss.
 5. Demonstrate bag & mask ventilation.
 6. Demonstrate intubation & ventilation.
 7. Perform cardiac compression.
 8. Place an umbilical venous catheter.
 9. Demonstrate use of medications during neonatal resuscitation.
 10. Interpret scalp & cord gases.
 11. Inspect for major malformations.
 - d. Demonstrate the management of infants born to mothers with abnormal prenatal screening tests (antibody +, rubella HIV, HSV, syphilis, GC, group B strep, TB, Chlamydia, HepB).
 - e. Describe the rationale of eye prophylaxis, vitamin K, Hep B vaccine
 - f. Discuss breastfeeding and bonding.
 - g. Describe Ob & Peds collaboration.
 - h. Recognize the risks and liabilities of home birth,
 - i. Demonstrate knowledge & management of:
 1. Meconium stained fluid

2. Respiratory depression
 3. Complicated labor.
 4. Cyanosis, respiratory distress, heart murmur
2. GOAL: Comprehensive care in Level 1 Nursery.
 - a. Understand the role of the general pediatrician in the nursery.
 - b. Communicate with the PCC prior to d/c.
 - c. Describe changes during transition.
 - d. Understand the role of support staff in the care of newborns.
 3. GOAL: Assessment, Screening & Prevention of normal newborns.
 - a. Obtain all prenatal information including ultrasound
 - b. Evaluate social history
 - c. Perform a complete physical exam.
 - d. Describe newborn screening.
 - e. Communicate effectively with the entire family.
 - f. Provide anticipatory guidance at discharge.
 4. GOAL: Evaluate Common Signs & Symptoms.
 - a. Birthmarks.
 - b. Rashes.
 - c. Birth trauma.
 - d. Cyanosis.
 - e. Temperature.
 - f. Tachypnea.
 - g. Abdominal distension and masses.
 - h. Hip subluxation or dislocation.
 - i. Vaginal bleeding.
 - j. Subconjunctival hemorrhage.
 - k. Absent red reflex.
 - l. Ear tags & pits.
 - m. Palate abnormalities.
 - n. Polydactyly or syndactyly.
 - o. Pelthora
 - p. Pallor.
 - q. GU abnormalities.
 - r. Heart murmur.
 - s. Microcephaly or marocephaly.
 5. GOAL: Evaluate & Manage Common Conditions.
 - a. LGA/SGA infants.
 - b. IDM.
 - c. ISAM.
 - d. Blood group incompatibility.
 - e. Polycythemia.
 - f. Preterm/postterm infants.
 - g. Jitteriness.
 - h. Hypoglycemia.

- i. Delayed urination.
 - j. Delayed stooling.
 - k. Vomiting.
 - l. Poor suck.
 - m. Jaundice.
 - n. Abnormalities on prenatal ultrasound.
 - o. Dysmorphic infant.
 - p. Multiple births.
 - q. Eye discharge.
 - r. Maternal illness affecting infant.
6. GOAL: Use & interpret clinical tests.
- a. Physiologic monitoring.
 - b. Dubowitz exam.
 - c. CBC, blood typing.
 - d. Bilirubin testing.
 - e. Glucose testing.
 - f. X-rays of chest && abdomen.
7. GOAL: Understanding Nutrition of Normal Newborn.
- a. Understand appropriate feeding.
 - b. Counsel parents.
 - c. Support breastfeeding.
 - d. Refer for feeding support as needed
 - e. Manage breast feeding problems.
 - f. Understand maternal medication use and feeding.
 - g. Understand maternal infections and risk of transmission.
 - h. Managing feeding if infant problems.
8. GOAL: Anticipatory Guidance at Nursery Discharge.
- a. Understand early discharge.
 - b. Understand appropriate follow-up.
 - c. Warning signs of illness.
 - d. Contact # for parents.
 - e. Schedule needed medical, social WIC services.
 - f. Describe normal infant behavior.
 - g. Postpartum adjustment.
 - h. Infant temperament.
 - i. Sibling rivalry.
 - j. Injury prevention.
 - k. Written instructions.