

## NICU Discharge/Retrotransfer Goals and Objectives

**Novice = Perform with supervision**

**Proficient = Able to perform alone**

**Expert = Able to supervise others**

### Patient Care

	PL-1	PL-2	PL-3
1. Learn a complete discharge physical exam.	N/P	E	E
2. Learn discharge procedures and long-term implications and follow-up. (BAER, car seat testing, eye exam, circumcision, etc.).	N/P	E	E

### Medical Knowledge

	PL-1	PL-2	PL-3
1. Learn the science behind positioning, post-discharge nutrition, cord care and specific disease states that may effect the short and long-term management/outcome of the NICU Graduate.	N/P	E	E
2. Learn pain management, technique and complications of circumcision.	N/P	E	E
3. Understand the specific disease states (BPD, apnea, infection, anemia, nutrition) that may effect the short and long-term management/outcome of the NICU Graduate.	N/P	E	E

### Practice-Based Learning

	PL-1	PL-2	PL-3
1. Learn billing forms, coding and documentation for billing purposes.	N/P	E	E
2. Know the AAP guidelines on routine immunizations and their risks and benefits.	N/P	E	E

### Interpersonal and Communication Skills

	PL-1	PL-2	PL-3
1. Realize the physician's role and understand the roles of other ancillary personnel (e.g. case manager, social workers, developmentalis, etc.) in the team concept of neonatal continuous care.	N/P	E	E
2. Develop good verbal/written communication skills with referring physicians, community physicians, subspecialists and ancillary personnel.	N/P	E	E
3. Develop a summary for parental guidelines on routine neonatal and/or preterm post-discharge care	N/P	E	E

### Professionalism

	PL-1	PL-2	PL-3
1. Understand the basic concepts of perinatal bereavement and the psychological, legal and leadership roles of a physician.	N/P	E	E

### Systems-Based Practice

	PL-1	PL-2	PL-3
1. Learn the impact of community resources on family psychic and financial well-being.	N/P	E	E
2. Learn the importance of early immunization on general world health.	N/P	E	E

## NICU Education Goals and Objectives

**Novice =**      **Perform with supervision**  
**Proficient =**   **Able to perform alone**  
**Expert =**       **Able to supervise others**

Patient Care			
	PL-1	PL-2	PL-3
1. Importance of keeping up-to-date in medical knowledge to provide the best patient care.	N/P	E	E

Medical Knowledge			
	PL-1	PL-2	PL-3
1. Describe the pathophysiology of common newborn diseases.	N/P	E	E
2. Review NICU Guidelines, handbook, CD lectures and videos.	N/P	E	E
3. Learn how to scrutinize new literature (reading, critiquing and applying).	N/P	E	E

Practice-Based Learning			
	PL-1	PL-2	PL-3
1. Understand therapeutic modalities and potential morbidity involved in NICU care.	N/P	E	E
2. Learn to use medical databases to access medical literature.	N/P	E	E

Interpersonal and Communication Skills			
	PL-1	PL-2	PL-3
1. Opportunities for case presentation, oral presentation and teaching in the NICU environment.	YES	YES	YES

Professionalism			
	PL-1	PL-2	PL-3
1. Opportunity to supervise medical students and residents.	NO	YES	YES
2. Opportunity to give educational lectures, conferences and journal club presentations	YES	YES	YES
3. Develop research skills and methods	N/A	N/A	N/A

Systems-Based Practice			
	PL-1	PL-2	PL-3
1. Experience the difficult decision-making process in the NICU that involves ethical, moral-legal, cost and ethnic-cultural factors.	P	E	E
2. Provide an opportunity to work as a member of a team and to gain self-knowledge as to their medical limits and tolerance to stress.	P	E	E

## NICU Neonatal Management Goals and Objectives

**Novice =**      **Perform with supervision**  
**Proficient =**   **Able to perform alone**  
**Expert =**       **Able to supervise others**

### Patient Care

	PL-1	PL-2	PL-3
1. Provide an opportunity to review charts, gather data, perform physical exams, develop differential diagnoses, write an initial plan and orders and present cases.	N/P	E	E
2. Provide knowledge of the physiology of ventilation and adequate experience in ventilatory management and blood gas/x-ray interpretation	N/P	E	E

### Medical Knowledge

	PL-1	PL-2	PL-3
1. Understand the pathophysiology and management of asphyxia, sepsis, hypoglycemia, polycythemia, apnea, necrotizing enterocolitis, respiratory distress, hyperbilirubinemia, patent ductus, congenital anomalies and bronchopulmonary dysplasia.	N/P	E	E
2. Provide experience in normal and abnormal physical exams, gestational age assessment (Dubowitz and eye exam) and neurobehavioral exams.	N/P	E	E
3. Provide knowledge and experience in neonatal nutrition.	N/P	E	E
4. Understand the short and long-term consequences of NICU care	N/P	E	E

### Practice-Based Learning

	PL-1	PL-2	PL-3
1. Get experience in administrative duties (admission, routine daily and discharge notes; TPN orders; routine orders, laboratory results and consultation notes)..	N/P	E	E

### Interpersonal and Communication Skills

	PL-1	PL-2	PL-3
1. Provide an opportunity to attend NICU rounds, communicate with families and referring physicians.	N/P	E	E

### Professionalism

	PL-1	PL-2	PL-3
1. Provide an opportunity to function as an essential member of the NICU healthcare team and to understand the multidisciplinary team concept of neonatal care and coordinate subspecialty consults.	N/P	E	E
2. Provide supervisory experience	N/P	E	E

### Systems-Based Practice

	PL-1	PL-2	PL-3
1. Understand the concept of family-centered care.	YES	YES	YES

## NICU Prenatal Prevention Goals and Objectives

**Novice =**      **Perform with supervision**  
**Proficient =**   **Able to perform alone**  
**Expert =**       **Able to supervise others**

### Patient Care

	PL-1	PL-2	PL-3
1. Recognize adverse outcomes of a high-risk pregnancy and the importance of maternal transports	N/P	E	E

### Medical Knowledge

	PL-1	PL-2	PL-3
1. Describe the pathophysiology of common maternal diseases or complications of pregnancy that impact on the fetus/neonate.	N/P	E	E
2. Know what an APGAR Score is and its' importance in instituting care and predicting outcome.	N/P	E	E
3. Provide an opportunity to evaluate the placenta and understand its' potential role in understanding neonatal outcomes.	N/P	E	E

### Practice-Based Learning

	PL-1	PL-2	PL-3
1. Understand the value of reviewing the maternal chart and laboratory values.	N/P	E	E
2. Understand the origin and importance of perinatal and neonatal statistics.	N/P	E	E

### Interpersonal and Communication Skills

	PL-1	PL-2	PL-3
1. Provide an opportunity to perform a prenatal consult and understand its' content and value	N/P	E	E
2. Understand the importance of good communication with the obstetrician/perinatologist or family Practitioner	N/P	E	E
3. Develop the ability to write a prenatal consult and delivery room note	N/P	E	E

### Professionalism

	PL-1	PL-2	PL-3
3. Understand the pediatrician's/practitioner's role in assessment and management of common obstetrical problems	N/P	E	E
4. Understand the role of anesthesiology during delivery and the effects of anesthesia on the neonate	N/P	E	E

### Systems-Based Practice

	PL-1	PL-2	PL-3
1. Identify and develop strategies to decrease neonatal and perinatal morbidity/mortality	N/P	E	E

## NICU Stabilization/Resuscitation Goals and Objectives

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**Proficient =**   **Able to perform alone**  
**Expert =**        **Able to supervise others**

### Patient Care

	PL-1	PL-2	PL-3
1. Provide an opportunity to perform procedures (e.g. umbilical catheterizations, blood cultures, arterial punctures, etc.) and identify drugs/equipment necessary for stabilization	N/P	E	E
2. Provide an opportunity for independent decision-making in acute neonatal care, especially CPR	N/P	E	E
3. Provide an opportunity to identify, evaluate and manage sick or surgical neonates (e.g. attendance at high-risk and meconium deliveries or transports) and understand the physician's role	N/P	E	E

### Medical Knowledge

	PL-1	PL-2	PL-3
1. Understand the importance and physiology of temperature regulation and its' consequences on the neonate.	YES	YES	YES
2. Understand the basics of monitoring, ventilation, blood gas interpretation and metabolic homeostasis	YES	YES	YES

### Practice-Based Learning

	PL-1	PL-2	PL-3
1. Provide an opportunity to understand the neonatal transport team concept	YES	YES	YES

### Interpersonal and Communication Skills

	PL-1	PL-2	PL-3
1. Provide an opportunity to examine the neonate, abstract charts and develop communication skills.	YES	YES	YES

### Professionalism

	PL-1	PL-2	PL-3
1. Provide an opportunity to supervise residents, students or the neonatal team.	NO	YES	YES

### Systems-Based Practice

	PL-1	PL-2	PL-3
1. Understand the concept of regionalization of perinatal/neonatal care and the appropriate indications for admission and referral to a Level I, II, III or IV Center	YES	YES	YES