

Residency Rotation-Specific Objectives

Rotation: PGY1 NEONATAL INTENSIVE CARE UNIT (NICU)

Resident name:	Supervisor name:
Rotation dates:	Hospital:

IMPORTANT: Supervisor and resident must discuss these rotation-specific objectives during the rotation orientation, and sign below to confirm discussion has taken place.

Resident signature	Supervisor signature	Date

1 MEDICAL EXPERT

1.1 Knowledge Objectives

- 1 Demonstrate knowledge of:
 - a) mechanisms of disease and the clinical presentation of the common clinical disorders of the term and preterm neonate
 - b) factors in pregnancy that may affect the health and development of the fetus and neonate
 - c) basic survival and morbidity statistics of preterm infants.

1.2 Data Gathering Objectives:

- 1 Obtain an appropriate antenatal, perinatal, and neonatal history that is accurate and complete, utilizing a variety of sources
- 2 Conduct a physical assessment: able to detect important signs and know the significance.

1.3 Clinical Reasoning, Management and Judgement/Diagnostic and Therapeutic Planning

Objectives:

- 1 Demonstrate a basic understanding of the course and challenges in caring for preterm and other complicated neonates.
- 2 Recognize risk factors for and provide initial management of common newborn issues, including hypoglycemia, hyperbilirubinemia, and sepsis.

1.4 Procedural skills Objectives:

- 1 Demonstrate competence in basic initial neonatal resuscitation techniques.

2 COMMUNICATOR

2.1 Physician/Patient Relationship Objectives:

- 1 Participate in antenatal pediatric consultations and establish therapeutic relationship with families.
- 2 Communicate well with families, providing clear and thorough explanations of common diagnoses, investigations and management plans.

2.2 Verbal / Written Communication Skills Objectives:

- 1 Demonstrate appropriate communication skills when interacting with all members of the multidisciplinary healthcare team and administrative staff.
- 2 Listen effectively, discuss appropriate information with families and the healthcare team.
- 3 Learn how to convey bad news with empathy to families.
- 4 Know common terms associated with documentation of NICU cases and chart appropriately
- 5 Complete health records in an accurate and timely manner.

3 COLLABORATOR

3.1 Team Relations Objectives:

- 1 Cooperate and work effectively with colleagues and other professionals on the service, e.g., respiratory therapists at resuscitation, nurse practitioners.
- 2 Demonstrate an understanding of the role of various inter-professional team members and consultants in the management of the critically ill neonate and family.
- 3 Participate actively as a team member.

4 MANAGER

4.1 Time Management Objectives:

- 1 Prioritize patient-care needs in an effective and efficient manner.

4.2 Resources and Allocation Objectives:

- 1 Utilize resources effectively to balance patient care, learning needs, and work-life activities.
- 2 Demonstrate an understanding of allocation of resources through observation of NICU closures, ventilator use, and regional triage.

5 HEALTH ADVOCATE

5.1 Determinants of Health/Health Advocacy Objectives:

- 1 Identify opportunities for patient counselling and education
- 2 Recognize and respond to those issues where advocacy is appropriate.

6 SCHOLAR

6.1 Self-Directed Learning Objectives:

- 1 Acquire basic knowledge of the care for the preterm and complicated neonate in the NICU.

6.2 Critical Appraisal Skills Objectives:

- 1 Critically appraise the literature regarding the diagnosis and treatment in the NICU.
- 2 Learn basics of principles of evidence-based medicine for decision making.

6.3 Teaching Skills Objectives:

- 1 Demonstrate an ability to explain concepts and treatment approaches to medical students, and families, as appropriate.

7 PROFESSIONAL

7.1 Responsibility Objectives:

- 1 Be available to the administrative staff and healthcare team and participate in the management of patients in the NICU in conjunction with the staff, fellows, and nurses.
- 2 Demonstrate professional attitudes in interactions with patients and other healthcare personnel.

7.2 Self-Assessment Skills/Insight Objectives:

- 1 Communicate with attending staff and request assistance in patient management when appropriate.
- 2 Consult ancillary services when required to enhance patient care.

7.3 Ethics Objectives:

- 1 Demonstrate an awareness of the medico-legal issues and ethical issues with respect to patient confidentiality.
- 2 Demonstrate familiarity with some of the common ethical issues that arise in the provision of patient care in the NICU.

Version Control

Date	Version No	Author	Revisions	Approved at RPC Meeting
Earlier versions				Not documented
Dec 01 2014	V2.3	R Han/CS		
De 05 2016	v2.4	R Han and S Norris, reviewed Nov 22,2016/C Sutherland	Section 1.3	RPC Dec 05 2016