

Discipline of Obstetrics & Gynecology

NICU Rotation Objectives



Revised July 2024



1 MEDICAL EXPERT

1.1 Knowledge Objectives

1 Demonstrate knowledge of:

- a) Basic survival and morbidity statistics of preterm infants.
- b) Neonatal implications of fetal distress in labour.

1.2 Data Gathering Objectives:

- 1 Obtain an appropriate history from the parent(s)/care provider.
- 2 Conduct a pertinent physical assessment

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.

1.4 Procedural skills Objectives:

- 1 Demonstrate competence in the following, appropriate to level of training:
 - a) Basic initial neonatal resuscitation techniques.

1 COMMUNICATOR

2.1 Physician/Patient Relationship Objectives:

- 1 Participate in pediatric consultations with antepartum patients and establish therapeutic relationships with families.
- 2 Elicit the trust and cooperation of the family.
- 3 Demonstrate familiarity with the questions and concerns of parents.

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 allied healthcare professionals 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 regarding predisposing factors to prematurity, and counsel appropriately.
- 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.