

Liverpool John Moores University

Title: DEVELOPMENT OF SPECIAL AND INTENSIVE CARE OF THE NEWBORN
Status: Definitive
Code: **6000LWHCN** (116829)
Version Start Date: 01-08-2014

Owning School/Faculty: Nursing and Allied Health
Teaching School/Faculty: Liverpool Women's Hospital

Team	Leader
Angela Pike	Y

Academic Level: FHEQ6 **Credit Value:** 45.00 **Total Delivered Hours:** 169.00
Total Learning Hours: 450 **Private Study:** 281

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	42.000
Practical	66.000
Seminar	40.000
Tutorial	20.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	Oral	Oral case presentation - 40 minutes	20.0	
Essay	Case Study	Critical analysis of selected patient case study, 4000 words	50.0	
Exam	OSCE	3 Clinical OSCEs	30.0	1.00

Competency	Practice
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Aims

1. To develop the student into a neonatal special care practitioner with the skills and associated background knowledge to effectively manage the care of neonates in special and intensive care
2. To develop practitioners who are able to work effectively within the multi-professional team in the delivery of evidence based practice in relation to special and intensive care of the newborn

Learning Outcomes

After completing the module the student should be able to:

- 1 Critically evaluate the current evidence base for the management and delivery of care for infants within the special and intensive care of the newborn setting.
- 2 Demonstrate a detailed understanding and ability in the assessment and management of sick and premature neonates in the intensive care unit.
- 3 Analyse strategies used to enable families to become empowered into a partnership of care.
- 4 Examine their own professional development and role as a neonatal nurse in relation to both national and local guidelines around neonatal care and communication between the multi-disciplinary team and families.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Oral case presentation	2	4
Critical Analysis - Case Study	1	
OSCE	3	
Practice		3

Outline Syllabus

This module content includes advanced knowledge of respiratory assessment, therapies, ventilation, CXR interpretation, ABG analysis, respiratory physiology and pathology in babies, pharmacology, transition and adaptation to extra-uterine life in the preterm and term infant, congenital heart disease, haemodynamic monitoring, infection and sepsis in babies, nutrition and gut problems in the preterm and/or sick baby, communication and multi-disciplinary working in the NICU, renal failure and therapies, retrieval and transport of the critically ill baby, neonatal advance life support (NALS) skills, neurological assessment and pathology in preterm and sick babies, surgery, pain and sedation in intensive care, the families' experience of having a baby in the NICU, bonding and separation, bereavement, genetic counselling, neonatal abstinence syndrome and SIDS and the care of the next infant. There is also emphasis on looking at the evidence base for NICU therapies and care, and legal, professional and ethical issues in the NICU. The module will also look at the patterns of integration of clinical work that are emerging between different

professionals delivering care within a setting, and will examine the evidence base for NICU therapies and care, and legal and ethical issues in the NICU.

Learning Activities

Taught sessions will utilise key lectures, tutorials, seminars, clinical practice hours and group discussion to facilitate their learning. The 60 clinical practice hours identified in the 'other' section in the learning hours, refer to time spent in practice with the practice mentors and any supernumerary practice placements.

References

Course Material	Book
Author	Boxwell, G.
Publishing Year	2010
Title	Neonatal Intensive Care
Subtitle	
Edition	
Publisher	Routledge
ISBN	

Course Material	Book
Author	Kenner, C. and Lott, J.W.
Publishing Year	2003
Title	Comprehensive Neonatal Nursing
Subtitle	A physiological perspective
Edition	3rd ed.
Publisher	Saunders
ISBN	

Course Material	Book
Author	Gardner, S.L., Carter, B.S., Enzman-Hines, M. and Hernandez, J.A. (eds.)
Publishing Year	2010
Title	Merenstein and Gardner's Handbook of Neonatal Intensive Care
Subtitle	
Edition	7th ed.
Publisher	Elsevier
ISBN	

Course Material	Book
Author	Verklan, M.T. and Walden, M. (eds.)
Publishing Year	2004
Title	Core Curriculum for Neonatal Intensive Care Nursing
Subtitle	

Edition	3rd ed.
Publisher	Elsevier Saunders
ISBN	

Course Material	Book
Author	Journal of Infant (Neonatal Network)
Publishing Year	0
Title	
Subtitle	
Edition	
Publisher	
ISBN	

Course Material	Book
Author	Journal of Neonatal Nursing
Publishing Year	0
Title	
Subtitle	
Edition	
Publisher	
ISBN	

Course Material	Book
Author	Journal of Advanced Nursing
Publishing Year	0
Title	
Subtitle	
Edition	
Publisher	
ISBN	

Course Material	Book
Author	Archives of Diseases in Childhood
Publishing Year	0
Title	
Subtitle	
Edition	
Publisher	
ISBN	

Notes

In addition to the listed assessments, the student will need to provide evidence of successful completion of the practice competencies and the clinical learning contract. These are assessed on a Pass/Fail basis.