

Liverpool John Moores University

Title: NEONATAL CRITICAL CARE 2
Status: Definitive
Code: **7006NPAPP** (100486)
Version Start Date: 01-08-2014

Owning School/Faculty: Nursing and Allied Health
Teaching School/Faculty: Nursing and Allied Health

Team	Leader
Cath Barry	Y

Academic Level: FHEQ7
Credit Value: 20.00
Total Delivered Hours: 64.00
Total Learning Hours: 200
Private Study: 136

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	28.000
Online	5.000
Seminar	12.000
Tutorial	16.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Examination	80.0	3.00
Presentation	AS2	Evidence-based practice presentation (20 minutes)	20.0	

Competency	Practice
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Aims

To enable students to build upon the knowledge (acquired in Neonatal Critical Care 1) that is requisite for the development of critical and reflective advanced neonatal

practitioners caring for critically ill neonates.

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate depth and breadth of knowledge in the advanced assessment, diagnosis and management of critically ill neonates.
- 2 Critically analyse and synthesize the history, physical examination and relevant diagnostic test/procedures and pharmacotherapeutics in order to assess, diagnose and manage the advanced care of critically ill neonates.
- 3 Critically evaluate the evidence base with regard to the assessment, diagnosis and management of critically ill neonates.

Learning Outcomes of Assessments

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

EXAM	1	2	
EBP	3		
Practice	1	2	3

Outline Syllabus

Advanced communication skills, conflict resolution and delivering bad news in the neonatal critical care setting

Advanced pathophysiological processes and adaptation at birth

Contribution of the MDT to neonatal critical care

Stabilisation at delivery and transport of the sick neonate (NLS)

Assessment and management of the neurological system

Respiratory failure and advanced respiratory management in neonates

Management of circulation and the cardiovascular system in critically ill neonates

Fluid balance and nutrition in the critically ill infant

Management of inborn errors of metabolism and the endocrine system in critically ill neonates

Gut and liver pathology in critically ill neonates

Ethical issues in neonatal critical care

Neonatal critical care case studies

Learning Activities

Interactive lectures, seminars, tutorials; on-line discussion boards; problem-based learning exercises; evidence-based practice presentations; self-directed and reflective learning; video streaming; reflective practice; clinical supervision and case presentations.

References

Course Material	Book
Author	References from Neonatal Critical Care 1
Publishing Year	0
Title	
Subtitle	
Edition	
Publisher	
ISBN	

Course Material	Book
Author	Schulman, J.
Publishing Year	2004
Title	Evaluating the Process of Neonatal Intensive Care
Subtitle	Thinking Upstream to Understand Downstream Processes
Edition	
Publisher	BMJ Books
ISBN	

Course Material	Book
Author	Spitzer, A.
Publishing Year	2005
Title	Intensive Care of the Fetus and Neonate
Subtitle	
Edition	2nd
Publisher	Mosby
ISBN	

Course Material	Book
Author	Horrox, F.
Publishing Year	2002
Title	Manual of Neonatal and Pediatric Congenital Heart Disease
Subtitle	
Edition	
Publisher	John Wiley and Sons
ISBN	

Course Material	Book
Author	Barry, P. and Leslie, A.
Publishing Year	2003
Title	Paediatric and Neonatal Critical Care Transport
Subtitle	
Edition	
Publisher	BMJ Books
ISBN	

Course Material	Book
Author	Hansen, A. and Puder, A.
Publishing Year	2003
Title	Manual of Neonatal Surgical Intensive Care
Subtitle	
Edition	
Publisher	BC Decker
ISBN	

Course Material	Book
Author	Lantos, J.
Publishing Year	2007
Title	The Lazarus Case
Subtitle	Life and Death Issues in Neonatal Intensive Care
Edition	
Publisher	John Hopkins University Press
ISBN	

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

Course Material	Book
Author	Pediatrics
Publishing Year	0
Title	
Subtitle	
Edition	
Publisher	
ISBN	

Notes

The clinical experience for this module consists of 165 hours of precepted practice (pass/fail) with a relevant, registered health care professional in an appropriate clinical setting. The assessment of practice will be the responsibility of the clinical preceptor; unless competence is demonstrated in practice, credit will not be released.