

Module Specification

Module Summary Information

1	Module Title	Holistic Approaches to Neonatal Critical Care
2	Module Credits	20
3	Module Level	Level 7
4	Module Code	LBR7687
5	Semester Taught	1,2,3

6	Module Overview
<p>This module will focus on holistic approaches to neonatal care and the underpinning physiology for core neonatal conditions. The long-term impact of neonatal care will be explored. This module has been developed to prepare knowledgeable, critical thinking, proactive, professional practitioners who are fit to meet the challenging demands of modern Neonatal care in the global area. Neonatal practitioners provide care for an extremely vulnerable population. Working with these babies, nurses need to undertake accredited training appropriate to a Qualification in Speciality level (DH 2009) in a neonatal setting. These post registration education pathways, in collaboration with service providers, allow for registered nurses working in neonatal units to become equipped with the specific knowledge and skills required to practice safely and effectively in this critical care area (BAPM, 2012).</p> <p>This module is one of the Core modules that makes up the Neonatal Critical Care Pathway and is designed to work in unison with the other modules in this pathway to provide a firm base for quality neonatal care. On successful completion of the three modules, you will receive 60 academic credits and a named award in Neonatal Care. This module provides you with the opportunity to gain your specialist qualification at level 7, with an award structure that will encourage study up to a full master's degree. This module can also be studied as module only.</p> <p>This module aligns with the Professional Practice Programme philosophy and is designed to be flexible and practice led. You will have the opportunity to develop skills of enquiry, reflection and problem solving. A blended learning approach is taken in line with the university's learning and teaching strategy. You will be encouraged to think critically and share practice experiences with your fellow students, as well as engaging in both directed and self-directed learning activities. You will be an active partner in your own learning and development and in return you will receive regular feedback and feedforward aimed at developing your academic skills and have the opportunity to discuss your progress with the module team.</p>	

7	Indicative Content
<p>This module will focus on holistic approaches to neonatal care and the underpinning physiology for core neonatal conditions. The long-term impact of neonatal care will be explored. The content aligns with the Matching knowledge and skills for Qualified in Speciality (QIS) Neonatal Nurses: A core Syllabus for clinical competency (BAPM, 2012).</p> <p>Neurological, pain and stress management Physiology and function of central and peripheral nervous system Physiology and function of the digestive system Infection management Supporting the family Long term outcomes following neonatal care Surgical conditions and outcomes Ethical considerations for care Allied health professional involvement Bereavement support</p>	

8	Module Learning Outcomes	
On successful completion of the module, students will be able to:		
1	Utilising academic skills, retrieve and apply appropriate evidence and knowledge to formulate critical debate required at level 7.	
2	Interpret the physiological mechanisms underpinning core neonatal conditions	
3	Justify the choices made for the treatment and holistic care provided to the neonate and their family using appropriate evidence base	
4	Critically investigate the long-term outcomes of neonatal critical care	

9	Module Assessment		
Learning Outcome Number <i>(from table 8)</i>	Coursework	Exam	In-Person
1, 2, 3, 4	100%		

10	Breakdown Learning and Teaching Activities	
Learning Activities	Hours	Details of Duration, Frequency and other comments
Scheduled Learning (SL) includes online lectures and workshops as specified in timetable	40	9 x 2-hour lectures 8 x 1.5-hour lectures 3 x 3-hour workshops 1 x 1 hour lab session <i>Sessions will be delivered using a blended approach.</i>

Directed Learning (DL) includes placements, work-based learning, peer group learning external visits, on-line activity, Graduate+, peer learning, as directed on VLE	40	4-hours asynchronous online content engagement x 10
Private Study (PS) includes preparation for exams	120	<i>Regular engagement with MOODLE-based learning resources, literature searching, reading, critical thinking and applying this to completion of module summative assessment</i>
Total Study Hours:	200 hours	

11 | Key Texts and Online Learning Resources

No books are recommended as must-purchase titles, due to the individual nature of academic skill development, diversity of clinical backgrounds of students completing this module, and the well-resourced library. The following books/ articles/ reports are highly recommended and will be referred to throughout the module:

Blackburn S. T. (2018) Maternal, Fetal, & Neonatal Physiology: A Clinical Perspective. 5th Edition. Elsevier Saunders. Edinburgh.

Boxwell, G. (2019) Neonatal Intensive Care Nursing. 3rd Edition, Routledge. Oxford.

Gardner, S.L. Enzman-Hines, M.I. & Niermeyer, S. (2020) Manual of Neonatal Intensive Care. 9th Edition. Elsevier Health Sciences.

Mancini, A. Price, J. & Elliot, T. (2020) Neonatal Palliative Care for Nurses. Springer. New York.

McCance K. L and Heuther S. E (2019) Pathophysiology: The Biologic Basis for Disease in Adults and Children. 8th Edition, Mosby Elsevier. Maryland Heights.

Petty, J. (2015) Bedside Guide for Neonatal Care. Palgrave. London.

Journals

Archives of Disease in Childhood
British Journal of Midwifery
Infant
Journal of Neonatal Nursing
Journal of Obstetric, Gynaecologic and Neonatal Nursing
Neonatal Network
Paediatric Nursing
Seminars in Fetal and Neonatal Medicine

Websites

[NICE | The National Institute for Health and Care Excellence](#)

[British Association of Perinatal Medicine | Home \(bapm.org\)](#)

[Home | Cochrane Neonatal](#)

[MBRRACE-UK: Mothers and Babies: Reducing Risk through Audits and Confidential Enquiries across the UK | NPEU \(ox.ac.uk\)](#)

[National Neonatal Audit Programme \(NNAP\) | RCPCH](#)