

Liverpool John Moores University

Title: DEVELOPMENTS IN PAEDIATRIC HIGH DEPENDENCY CARE
Status: Definitive
Code: **6005PQHEAL** (100523)
Version Start Date: 01-08-2014

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

Team	Leader
Cheryl Clarke	Y

Academic Level: FHEQ6 **Credit Value:** 30.00 **Total Delivered Hours:** 71.00
Total Learning Hours: 300 **Private Study:** 229

Delivery Options

Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	30.000
Online	10.000
Practical	6.000
Seminar	15.000
Tutorial	10.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	3000 Word case study (40% pass must be achieved)	50.0	2.00
Exam	AS2	Objective Structured Clinical Examinations (20 mins) (40% pass must be achieved)	50.0	

Competency	Practice
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Aims

- 1) To develop the student towards being a Paediatric High Dependency practitioner, with new innovative skills and associated background knowledge to effectively manage the care of paediatric high dependency patients.
- 2) To work with patients, carers and other health care professionals to advance the sphere of practice.

Learning Outcomes

After completing the module the student should be able to:

- 1 Evaluate the nursing and medical management of the child in relation to physiology and pathophysiological processes affecting children requiring high dependency care. (KSF 1,2,4,5)
- 2 Discuss and illustrate the detailed assessment of a critically ill child requiring high dependency care. (KSF 1,2,3,4,5)
- 3 Appraise holistic approaches to care for the child and their family requiring high dependency care acknowledging key psychosocial, legal and ethical issues. (KSF 1,2,5,6)
- 4 Discuss the evidence base for practice in relation to the care of the child requiring high dependency care. (KSF 1,2,4,5)
- 5 Discuss and illustrate the ability to assess, plan, implement and evaluate care for a child requiring high dependency care. (KSF 1,2,4,6)
- 6 Analyse the contribution of collaborative care incorporating communication and counselling issues within the context of paediatric high dependency care. (KSF 1,2,3,5,)
- 7 Discuss and debate the professional issues related to the expansion of nursing roles within the critical care environment. (KSF 1,2,4,5)

Learning Outcomes of Assessments

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

Case Study	1	2	3	4	5	6	7
OSCE	1	4					
Practice	1	2		4			7

Outline Syllabus

Study skills, role of the nurse in the high dependency setting, professional issues, review anatomy and physiology, cardiovascular, respiratory, neurological and renal systems, relating them to conditions and treatments. The principles and processes of haemodynamic monitoring, respiratory failure, blood gas analysis, nutritional needs, IV therapies, pain and sedation effects and management, fluid balance, principles of non invasive ventilation, pharmacology, family centred care, parental stress and support and evidence based practice.

Learning Activities

Lectures, tutorials, debates, workshops, student presentations, demonstrations, reflective practice, scenarios, role play, OSCE, a Simulation day and clinical practice hours, which are identified under the other section in the learning hours. These refer to time spent with mentor and module leader completing competencies.

References

Course Material	Book
Author	BMJ
Publishing Year	2001
Title	Advanced Paediatric Life Support Manual
Subtitle	
Edition	
Publisher	BMJ Publications
ISBN	

Course Material	Book
Author	Curley, M. & Molony-Horner, P.A.
Publishing Year	2001
Title	Critical care nursing of infants and children
Subtitle	
Edition	
Publisher	W.B.Saunders
ISBN	

Course Material	Book
Author	NHS Executive
Publishing Year	2000
Title	A Specification for the provision of Paediatric High Dependency Care for the area covered by the NHS Executive North West
Subtitle	
Edition	
Publisher	HMSO
ISBN	

Course Material	Book
Author	Hazinski, M.F.
Publishing Year	1999
Title	Manual of Paediatric Critical Care
Subtitle	
Edition	
Publisher	Mosby
ISBN	

Course Material	Book
Author	DOH
Publishing Year	2004
Title	National Service Framework for Children: Standards for Hospital Services.
Subtitle	
Edition	
Publisher	DOH
ISBN	

Course Material	Book
Author	DOH
Publishing Year	2004
Title	The NHS Knowledge and Skills Framework
Subtitle	
Edition	
Publisher	DOH
ISBN	

Notes

The philosophy of this module is that the child and family are at the centre of their care and as such need a child centred approach, reflecting the National Service Framework (NSF)(DOH 2004). The module will enhance knowledge and skills of the nurses and allow them to develop more advanced clinical skills.

Please note the clinical competencies must be passed to pass the module, and the student must achieve the 40% pass mark in both the written case study and the practical OSCE's in order to pass the module. If the student fails to reach 40% in either assessment, the assessment which failed to reach the pass mark will be re-submitted, and overall pass mark for the module will be capped at the minimum pass mark of 40%.