

Liverpool John Moores University

Title: ADVANCED PAEDIATRIC PATHOPHYSIOLOGY
Status: Definitive
Code: **7013NPAPP** (100493)
Version Start Date: 01-08-2014

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

Team	Leader
Mark Woods	Y

Academic Level: FHEQ7
Credit Value: 20.00
Total Delivered Hours: 61.00
Total Learning Hours: 200
Private Study: 139

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	28.000
Online	8.000
Seminar	6.000
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 presentations (20 minutes)	20.0	1.00

Aims

To develop depth of knowledge and advanced understanding of the pathogenesis of common paediatric illnesses affecting neonates, infants, children and adolescents.

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate depth of knowledge and advanced understanding of the physiological and pathological mechanisms that result in body system failure among neonates, infants, children and adolescents.
- 2 Critically integrate clinical manifestations of disease to their relevant pathophysiological mechanisms and their subsequent relationship to clinical management.
- 3 Critically examine the current evidence base relating to disease among neonates, infants, children and adolescents.

Learning Outcomes of Assessments

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

EXAM	1	2	3
EVP presentation	2	3	

Outline Syllabus

Genetics and embryology

Pathophysiology of the immune system

Pathophysiology of the haematological system

Pathophysiology of the cardiovascular system

Pathophysiology of the respiratory system

Pathophysiology of the gastrointestinal system

Pathophysiology of the endocrine system

Pathophysiology of the renal system

Pathophysiology of the integumentary and MSK system

Pathophysiology of multisystem organ failure

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; pod casting; case presentations.

References

Course Material	Book
Author	McCance, K. and Huether, S.
Publishing Year	2006
Title	Pathophysiology
Subtitle	The Biological Basis for Disease in Adults and Children
Edition	5th ed.

Publisher	Mosby Elsevier
ISBN	

Course Material	Book
Author	Blackburn, S.
Publishing Year	2007
Title	Maternal, Fetal and Neonatal Physiology
Subtitle	A Clinical Perspective
Edition	3rd ed.
Publisher	Saunders
ISBN	

Notes

None