

## Module Information

2022.01, Approved

### Summary Information

Module Code	7000APNP
Formal Module Title	Advanced Neonatal and Paediatric Physiology and Assessment
Owning School	Nursing and Allied Health
Career	Postgraduate Taught
Credits	20
Academic level	FHEQ Level 7
Grading Schema	50

### Teaching Responsibility

LJMU Schools involved in Delivery
Nursing and Allied Health

### Learning Methods

Learning Method Type	Hours
Lecture	30
Placement/Practice	75
Seminar	30

### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	28 Weeks

### Aims and Outcomes

Aims	Students will synthesise advanced clinical assessment skills with relevant physiological principles that underpin the care of neonates, infants, children and young people across primary, secondary and tertiary care settings.
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Critically analyse the physiological mechanisms that maintain the health of neonates, infants, children and young people.
MLO2	2	Critically apply advanced clinical skills in relation to the assessment and examination of neonates, infants, children and young people.

### Module Content

Outline Syllabus	Genetics and Embryology Advanced Communication and History Taking Foetal and Neonatal Physiology and Assessment of the New-born HEENT and the Lymphatic System Physiology and Assessment Respiratory Physiology and Assessment Cardiac Physiology and Assessment Gastrointestinal Physiology and Assessment Renal and Genitourinary Physiology and Assessment Skin and Musculoskeletal Physiology and Assessment Haematological Physiology and Introduction to Lab Values Introduction to Imaging Physiology of the Immune System
Module Overview	<p>The clinical experience for this module consists of 75 hours of paediatric or neonatal practice including 15 hours in a related sub-speciality. This will be in an appropriate setting with a relevant registered health care professional. The assessment of clinical practice will be evidenced by successful achievement of the programme competencies and must include completion of two of the following:</p> <p>Directly Observed Procedural Skills (DOPS)</p> <p>Mini-Clinical Evaluation Exercise (mini-CEX)</p> <p>Case-Based Discussions (CBD)</p>
Additional Information	<p>The clinical experience for this module consists of 75 hours of precepted paediatric or neonatal practice to include 15 hours in a related sub-speciality. This will be in an appropriate setting with a relevant registered health care professional. The assessment of clinical practice will be evidenced by successful achievement of the programme competencies and must include completion of any 2 of the following: Directly Observed Procedural Skills (DOPS), Mini-Clinical Evaluation Exercise (mini-CEX) and Case-Based Discussions (CBD.) Assessment is the responsibility of the clinical preceptor; unless competence is demonstrated in practice credit will not be released. Ongoing formative feedback will be provided to students by the module team on the basis of two clinical consultation write ups submitted by the student. Students will also be required to digitally submit an Observed, Structured Clinical Examination (OSCE) in which they successfully complete a head to toe physical examination and basic history taking. The OSCE will be assessed on a pass or fail basis.</p>

### Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Centralised Exam	Multiple Choice Question Exam	80	3	MLO1, MLO2

Artefacts	Family Advice Leaflet	20	0	MLO2
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## Module Contacts

### Module Leader

Contact Name	Applies to all offerings	Offerings
Nick Medforth	Yes	N/A

### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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