MODULE SPECIFICATION

KEY FACTS

<table>
<thead>
<tr>
<th>Module name</th>
<th>Advance Physical Assessment of the Newborn and Infant</th>
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</thead>
<tbody>
<tr>
<td>Module code</td>
<td>APM010</td>
</tr>
<tr>
<td>School</td>
<td>School of Health Sciences</td>
</tr>
<tr>
<td>Department or equivalent</td>
<td>Division of Nursing</td>
</tr>
<tr>
<td>UK credits</td>
<td>15</td>
</tr>
<tr>
<td>ECTS</td>
<td>7.5</td>
</tr>
<tr>
<td>Level</td>
<td>7</td>
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MODULE SUMMARY

Module outline

Routine physical examination of the neonate and 6-8 week infant is an integral part of the universal Child Health Promotion Programme. It has been carried out by NHS health care professionals for many decades, but apart from NICE guidance on Postnatal Care summarising the content of the examinations and guidance in relation to developmental dysplasia of the hip, there has been no national guidance on the standards and competencies necessary to deliver a good service (Newborn and Infant Physical Examination Programme, 2010).

The purpose of the module is to equip healthcare professions with the skills and knowledge that will enable them to competently undertake the physical examination of the newborn within the first 24-72 hours and at 6-8 weeks.

The aim of this module is to:

- Provide an opportunity for you to develop specific knowledge and skills in order to facilitate informed decision making in order to provide high quality new-born and infant physical assessment.

- Facilitate competent physical examination of the baby within the first 24-72 hours after birth and at 6-8 weeks.

- Equip you with skills and knowledge required in order to determine normal and abnormal parameters, physical appearance and behavioural responses in term babies and infants at 6-8 weeks.

Content:

You will study the following areas:

- Foetal development and assessment of the transitional events in the neonatal and at 6-8 weeks period
- Applied pathophysiology of specific body systems
- Normal morphology of the newborn and deviations from normal
- Obtaining and recording a comprehensive history and clinical and physical assessment and examination of the new-born
- Psycho-social assessment of the needs of the newborn and the infant at 6-8 weeks including their family
- Aspects of screening
- Problem solving and diagnostic reasoning
- Principles of how to make a differential diagnosis
- Discharge process
- Referral systems
- Professional autonomy and accountability

**Co-professions-requisite Modules**

The module will run concurrently with APM011 Critical Thinking and Diagnostic Reasoning (Neonates).

**WHAT WILL I BE EXPECTED TO ACHIEVE?**

On successful completion of this module, you will be expected to be able to:

**Knowledge and Understanding**

- Utilise a holistic, systematic approach to comprehensively examine the newborn and infant.

- Demonstrate application of relevant biological and foetal developmental theories to underpin the examination of the newborn and infant.

- Critically examine any unusual, expected or abnormal findings and make appropriate referral.

**Skills**

- Critically evaluate the relationship between antenatal and intrapartum events that may impact on the newborn’s health status and subsequent events that may impact on the infant at birth and at 6-8 weeks.

- Competently undertake a holistic, systematic approach, to comprehensively examine the new-born and infant.

- Participate in peer development programmes and clinical teaching.

- Maintain and further develop professional competence in examination of the new-born/6-8 weeks.

- Critically facilitate informed decision-making within your own practice and make appropriate referrals to specialists.

- Demonstrate the ability to practice within a safe and conducive environment
when undertaking the physical examination of the new-born and infant.

Values and Attitudes

- Effectively and sensitively records and communicates findings to parents and relevant professionals

HOW WILL I LEARN?

You will learn through a variety of methods which include:

Lead Lectures
This is a useful method for presenting an overview of new material and will stimulate you to read further around this subject.

Clinical
You must spend a minimum of 150 hours in the clinical area examining babies, attending clinical teachings and seminars. You must have your study time approved before commencing the programme.

Small group work
Small groups will encourage you to apply theory to practice and extend the depth and breadth of your knowledge; providing opportunities for debate, exploration of personal thoughts and ideas and practice experiences.

Personal Tutorials
Tutorials and reflection on learning with your personal tutor enable your progress to be discussed as well as issues of concern about the programme raised. Tutorials also offer you academic and pastoral support and may be face to face or on line a providing virtual learning environment (VLE).

VLE
The Moodle, on line module will enable a variety of communication forums providing both real time and on-going discussion and reflection.

Teaching pattern:

<table>
<thead>
<tr>
<th>Teaching component</th>
<th>Teaching type</th>
<th>Contact hours (scheduled)</th>
<th>Self-directed study hours (independent)</th>
<th>Placement hours</th>
<th>Total student learning hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classroom teaching</td>
<td>lecture</td>
<td>45</td>
<td>Negotiated</td>
<td></td>
<td>45</td>
</tr>
<tr>
<td>Clinical teaching</td>
<td>Seminars Ward rounds Clinical teaching sessions</td>
<td>Negotiated</td>
<td>Negotiated</td>
<td>105</td>
<td>105</td>
</tr>
<tr>
<td>Totals</td>
<td></td>
<td>45</td>
<td></td>
<td>105</td>
<td>150</td>
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WHAT TYPES OF ASSESSMENT AND FEEDBACK CAN I EXPECT?

Assessments

You will be assessed through a skills portfolio. This will enable you to demonstrate achievement of competences in the physical examination of the neonate. The Portfolio provides a list of skills that must be proficiently achieved by the end of the module.

In addition, you are also expected to undertake 70 neonatal physical examinations. The 70 checks must be recorded in the record sheets provided in portfolio. Your clinical portfolio must be signed and dated by a qualified ANNP with at least one year experience or a designated medical mentor.

Portfolio will be provided by the university at the start of module.

Assessment pattern:

<table>
<thead>
<tr>
<th>Assessment component</th>
<th>Assessment type</th>
<th>Weighting</th>
<th>Minimum qualifying mark</th>
<th>Pass/Fail?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical examination of 70 neonates and the achievement specified skills competency.</td>
<td>Portfolio</td>
<td>100%</td>
<td>50</td>
<td>N/A</td>
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</table>

Assessment criteria

Information on the above module assessment criteria and grade-related criteria can be found on the module space in Moodle

Feedback on assessment

- This comprises a marker’s comments on your performance in the assessment. It will facilitate your understanding of the achievement in the assessment and will promote learning and self-reflection so that you improve your performance in subsequent assessments.
- You will be provided with written feedback
- You will normally be provided with feedback within three weeks of the submission deadline or assessment date.

Assessment Regulations

The Pass mark for the module is pass or fail. The Programme Specification contains information on what happens if you fail an assessment component or the module.

INDICATIVE READING LIST

* Denotes core (indicative reading)
** Denotes supplementary reading. The remaining references are suggested reading.


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**Appendix:** see [http://www.hesa.ac.uk/content/view/1805/296/](http://www.hesa.ac.uk/content/view/1805/296/) for the full list of JACS codes and descriptions

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<table>
<thead>
<tr>
<th>HESA Code</th>
<th>Description</th>
<th>Price Group</th>
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<tbody>
<tr>
<td>B</td>
<td>Subject allied to medicine</td>
<td></td>
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<table>
<thead>
<tr>
<th>JACS Code</th>
<th>Description</th>
<th>Percentage (%)</th>
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<tbody>
<tr>
<td>B731</td>
<td>The study of the principles and techniques to allow nurses to support and provide care for new-born babies who are premature or who are born sick, and their families.</td>
<td>100%</td>
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