MODULE SPECIFICATION

KEY FACTS

<table>
<thead>
<tr>
<th>Module name</th>
<th>Enhancing Critical Care Skills for Midwifery Practice</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module code</td>
<td>APM021</td>
</tr>
<tr>
<td>School</td>
<td>School of Health Sciences</td>
</tr>
<tr>
<td>Department or equivalent</td>
<td>Division of Midwifery and Radiography</td>
</tr>
<tr>
<td>UK credits</td>
<td>15</td>
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<tr>
<td>ECTS</td>
<td>7.5</td>
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<tr>
<td>Level</td>
<td>7</td>
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MODULE SUMMARY

Rationale

This module is based on the belief that competency in practice comprises both practical and theoretical key core components, in order to promote clinically effective decision-making.

The purpose of this module, through competency-based education, is to enable you to progress to become a proficient practitioner (Benner, 1984) in relation to complexities in midwifery.

Educational Aims

Midwives are increasingly required to exercise more confidence in their role as members of the multidisciplinary team making decisions about caring for women facing serious and more complex situations during childbirth. The DH Reports, ‘Saving mothers lives” (2011) and ‘Delivering Best Practice’ (2003) have recommended that midwives increase their knowledge and skills in critical care in order to contribute to decision making within a multidisciplinary strategic workforce. This module was designed with this in mind.

This module sets out to enable you to reflect and consolidate on experiences of managing key life threatening episodes in order to contribute to multidisciplinary team decision making.

Indicative Content

Defining critical care using Intensive care Society levels
Current CMACE Reports
Physiology and Pathophysiology of conditions in pregnancy and childbirth
Drills and skills in complex situations
Fluid balance – Replacement
Pharmacology – drugs used in critical care conditions
Managing Obstetric Emergencies

What will I be expected to achieve?

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

Knowledge and understanding
• Critically evaluate and apply relevant critical care concepts in the management of complex situations in your midwifery practice.
• Examine and critically appraise the need to develop and use a framework for managing life threatening episodes.

Skills

• Apply clinical expertise in managing key life threatening episodes within a multi-professional framework.
• Initiate and contribute to the development of new protocols and standards for critical care using the best available evidence
• Demonstrate effectiveness in decision-making at expert level in relation to complex midwifery situations that supports the interventions delivered and critically evaluated for best practice

Values and attitudes

• Formulate critical care concepts that contribute to midwifery first class service delivery and promote quality care.
• Identify and integrate relevant ethical principles applicable to your practice.

HOW WILL I LEARN?

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

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 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.

Module structure
18 contact hours, 3 hours weekly for 6 weeks
Teaching pattern:

<table>
<thead>
<tr>
<th>Teaching component</th>
<th>Teaching type</th>
<th>Contact hours</th>
<th>Self-directed study hours</th>
<th>Total student learning hours</th>
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<tbody>
<tr>
<td>Critical Care</td>
<td>lecture</td>
<td>6 hours</td>
<td>40</td>
<td>46</td>
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<tr>
<td></td>
<td>Seminar</td>
<td>6 hours</td>
<td>52</td>
<td>58</td>
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<tr>
<td>Skills and drills</td>
<td>Simulation</td>
<td>6 hours</td>
<td>40</td>
<td>46</td>
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<tr>
<td>Totals:</td>
<td></td>
<td>18 Hours</td>
<td>132</td>
<td>150 hrs</td>
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How will I be assessed?

Assessment Overview

For details of your specific assessment for this module, submission dates and pass requirements please see the assessment guidelines for this module.

The purpose of the graded Objective Structured Clinical Examination (OSCE) is to assess your clinical skills in managing a complex event. This will include communication and support skills with parents and members of the multidisciplinary team.

Format
At the examination station you will be given a scenario based on the contents of the module. The OSCE will be 1 topic with evolving scenarios.

You will have 20 minutes to demonstrate and talk the examiner through the management of the complexity.

An additional 5 minutes will be provided to allow you to reflect on your performance. You will take the OSCE at a specified time that will be published before the actual OSCE.

Assessors consist of Lecturers and Midwife Clinicians from the practice areas. There may be Lay participants who will enact the role of women in your care. There will be a ‘moderator’ present.

Assessment Component

<table>
<thead>
<tr>
<th>Assessment component</th>
<th>Assessment type</th>
<th>Weighting</th>
<th>Minimum qualifying mark</th>
<th>Pass/Fail?</th>
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<tbody>
<tr>
<td>Graded Objective Structured Clinical Examination</td>
<td>Graded simulation</td>
<td>100%</td>
<td>50%</td>
<td>N/A</td>
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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 50%. Any minimum qualifying marks for specific assessments are listed in the table above. The weighting of the different components can also be found above. The Programme Specification contains information on what happens if you fail an assessment component or the module.

INDICATIVE READING LIST


RCOA (2011) Providing Equity of Critical and Maternity Care for the critically ill pregnant or recently pregnant woman. London: RCOA.


Version: 1.0
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For Use From: 2014-15

CODES

<table>
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<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>
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<table>
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<tr>
<th>JACS Code</th>
<th>Description</th>
<th>Percentage (%)</th>
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<tr>
<td>B720</td>
<td>The study of the principles and techniques to allow midwives to deliver babies and treat mothers in the prenatal, delivery and post-delivery periods.</td>
<td>100</td>
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