Applications of Cytopathology

Module Code: BIS6020-A
Academic Year: 2016-17
Credit Rating: 10
School: School of Medical Sciences
Subject Area: Biomedical Science
FHEQ Level: FHEQ Level 6
Module Coordinator: Mrs Pamela Dunn

Pre-requisites: BM-1111M
BM-1110M
BM-1115M

Contact Hours

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Tutorials</td>
<td>5</td>
</tr>
<tr>
<td>Laboratory</td>
<td>20</td>
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<tr>
<td>Directed Study</td>
<td>75</td>
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Availability Periods

<table>
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<tr>
<th>Occurrence</th>
<th>Location/Period</th>
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<tbody>
<tr>
<td>BDA</td>
<td>University of Bradford / Semester 1 (Sep - Jan)</td>
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Module Aims
The aim of this module is for the student to understand and gain experience of the application and delivery of a range of core and specialised methods and techniques and to understand their importance in the clinical investigation of patients.
Outline Syllabus

Module Learning Outcomes
On successful completion of this module, students will be able to...

1. Demonstrate an understanding of and experience in the application of cytopathology methods and techniques and illustrate their value in relevant areas of clinical practice.
2. Describe the pathogenesis and clinical presentation of cervical cancer.
3. Apply techniques used in screening for neoplastic conditions of the cervix.
4. Analyse and evaluate tests used to confirm the diagnosis and manage treatment of cervical neoplasia and the role of the cervical cytology laboratory in the prevention of cervical cancer.
5. Analyse and evaluate tests for the diagnosis of non-cervical gynaecological malignancy.
6. Describe the pathogenesis clinical presentation and cytopathological diagnosis of cancer of the respiratory tract, urinary tract and serous cavities.
7. Evaluate special investigative methods applied to common gynaecological and non-gynaecological conditions, including special stains, immunocytochemistry and molecular techniques.
8. Effectively manage your workload, resources and work successfully to a deadline.
9. Demonstrate personal responsibility for self-directed learning and time management.
10. Communicate clearly and concisely with correct use of terminology to answer questions and discuss a specialist topic.
11. Clarify factors which may influence the type and detail of advice you provide.
12. Clearly convey information and results in detail.

Learning, Teaching and Assessment Strategy
This is a bespoke module using external lecturers and practitioners and will be delivered via intensive block teaching in situ in external NHS Trusts followed by assessment.

Mode of Assessment
<table>
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<tr>
<th>Type</th>
<th>Method</th>
<th>Description</th>
<th>Length</th>
<th>Weighting</th>
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<tbody>
<tr>
<td>Summative</td>
<td>Coursework</td>
<td>An in situ sample analysis/interpretation assessment during training (20%) and a case study (equiv. to 2500 words) (80%)</td>
<td>0 hours</td>
<td>100%</td>
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**Legacy Code (if applicable)**

BM-6134M

**Reading List**

To view Reading List, please go to [rebus:list](#).