

Applications of Cytopathology

Module Code:	BIS6020-A
Academic Year:	2018-19
Credit Rating:	10
School:	School of Chemistry and Biosciences
Subject Area:	Biomedical Science
FHEQ Level:	FHEQ Level 6
Module Leader:	Mrs Pamela Dunn

Additional Tutors:

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Tutorials	5
Laboratory	20
Directed Study	75

Availability Periods

Occurrence	Location/Period
BDA	University of Bradford / Semester 1 (Sep - Jan)

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

Pathogenesis and clinical presentation of cervical cancer. Techniques used in screening for neoplastic conditions of the cervix. Tests used to confirm the diagnosis and manage

treatment of cervical neoplasia. Role of the cervical cytology laboratory in the prevention of cervical cancer. Tests for the diagnosis of non-cervical gynaecological malignancy (endometrium, ovary etc). Pathogenesis clinical presentation and cytopathological diagnosis of cancer of the respiratory tract, urinary tract and serous cavities. Sampling and preparation techniques used in non-gynaecological cytology. Special investigative methods applied to common gynaecological and non-gynaecological conditions, including special stains, immunocytochemistry and molecular techniques.

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.
 - 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.
- HCPC competencies covered in this module include: 1.2, 3.3, 5.1, 9.1, 10, 13.3, 13.8, 13.9, 13.10
- 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.

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

Type	Method	Description	Length	Weighting	Final Assess'
Summative	Coursework	An piece of independent writing (essay)	-2500 words	80%	Yes
Summative	Classroom test	A paper-based MCQ assessment of the training delivered in the NHS Trust.	1 hour	20%	No

Legacy Code (if applicable)

BM-6134M

Reading List

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