

Ocular Health Assessment 2

Module Code:	OPT5014-B
Academic Year:	2018-19
Credit Rating:	20
School:	School of Optometry and Vision Science
Subject Area:	Optometry
FHEQ Level:	FHEQ Level 5

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Lectures	24
Laboratory	24
Directed Study	152

Availability Periods

Occurrence	Location/Period
BDA	University of Bradford / Academic Year (Sept - May)

Module Aims

To enable students to consolidate and extend their knowledge and understanding of ophthalmic instruments and techniques for the detection of common ocular abnormalities and pathology.

Outline Syllabus

Direct Ophthalmoscopy; Binocular Indirect Ophthalmoscopy; Contact Tonometry (eg Goldmann & Perkins); gonioscopy; clinical tests of colour vision, contrast sensitivity & glare testing; advances in ocular imaging technology; ocular ultrasound; visual electrophysiology; interpretation of visual field data; introduction to common visual and ocular abnormalities (wet & dry eyes, differential diagnosis of the red eye, uveitis, cataract, optic nerve head &

primary open angle glaucoma, maculopathies, vascular & diabetic retinopathies, peripheral retinal abnormalities, retinal detachment).

Module Learning Outcomes

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

- 1 Explain the role of instrumentation in the detection of ocular disease and abnormality.
- 2 Describe the principal abnormal ocular conditions encountered in optometric practice - their signs, symptoms, pathophysiology and clinical appearance.
- 3 Compare the information gained from the use of a range of ophthalmic instruments.
- 4 Analyse clinical information from ophthalmic instruments and formulate appropriate tentative diagnoses regarding the principal ocular diseases.
- 5 Analyse clinical information regarding the principal ocular diseases and formulate appropriate management plans.
- 6 Work together in small teams or with a partner.
- 7 Develop communication skills.
- 8 Review new information, concepts and evidence from a range of sources.

Learning, Teaching and Assessment Strategy

This module is based on a lecture series and practical clinical sessions and supported by online multimedia material.

1. The fundamental principles relating to the instruments and techniques used to assess ocular health are covered in formal lectures.
2. Practical classes are used to develop basic skills and assess competence in fundamental clinical examination techniques.
3. Additional directed study will be based on recommended texts.

The clinical portfolio is a completed record of clinical competence in the examination of patients` s anterior segments and fundi and the interpretation of visual field data.

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Summative	Coursework	A series of clinical skills competency		%	No

		assessments - PASS/FAIL			
Summative	Computerised examination	Closed book computerised exam at the end of the module.	2 hours	70%	No
Summative	Clinical Assessment	Assessment in range of basic practical skills covered in the syllabus		30%	Yes

Legacy Code (if applicable)

OP-0410L

Reading List

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