Module Specification

Advanced Glaucoma Studies

Version: 2023-24, v2.0, 14 Apr 2023

Contents

Part 1: Information

Module title: Advanced Glaucoma Studies

Module code: UZYY59-30-3

Level: Level 6

For implementation from: 2023-24

UWE credit rating: 30

ECTS credit rating: 15

Faculty: Faculty of Health & Applied Sciences

Department: HAS School of Health and Social Wellbeing

Partner institutions: None

Field: Allied Health Professions

Module type: Module

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: This module is designed to prepare students to participate in formal 'referral refinement' and Ocular Hypertension (OHT) or suspect Chronic Open Angle Glaucoma (COAG) monitoring schemes once they have qualified as optometrists.

Features: Not applicable

Educational aims: See Learning Outcomes.

Outline syllabus: It is intended to ensure the currency of core competencies (including those required for pathways involving ‘repeat measures’) and provide additional specialist knowledge and skills for monitoring patients with diagnosed OHT and suspect COAG with an established management plan.

Students will build upon their foundation knowledge obtained in the ‘Posterior Eye’ module to an advanced level, allowing them to make accurate referral and/or treatment decisions.

Part 3: Teaching and learning methods

Teaching and learning methods: The module will typically be delivered primarily via online lectures, practical classes, face-to-face lectures and a placement period within a glaucoma clinic.

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 Synthesise an awareness of the demographic, ocular and systemic risk factors for COAG and to differentiate it from other ocular and central visual pathway anomalies

MO2 Recognise the risks and the signs and symptoms of a patient suffering from acute angle-closure and refer the condition appropriately

MO3 Justify the most appropriate test strategies (as per the competencies assessed in the Portfolio), be familiar with their limitations, understand the sources of error, correctly interpret results and recognise glaucomatous field loss

MO4 Form appropriate clinical decisions relating to OHT and COAG diagnosis and management and be aware of timescales for follow-up of patients with diagnosed OHT and suspect OHT

MO5 Detect change in clinical status in patients with diagnosed OHT and suspect COAG (e.g. change in visual fields or optic nerve head)

MO6 Correctly inform patients/public about glaucoma, its detection, prognosis and management and provide them with relevant and accessible information and advice at initial and subsequent visits

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 228 hours

Placement = 18.75 hours

Face-to-face learning = 72 hours

Total = 318.75

Reading list: The reading list for this module can be accessed at readinglists.uwe.ac.uk via the following link https://rl.talis.com/3/uwe/lists/79CE3A56-C441-4CF1-DEEA-8EB92F1EF35A.html?lang=en

Part 4: Assessment

Assessment strategy: Assessment Task 1 is a Portfolio of Skills Competencies where the following will be assessed:

Taking a comprehensive ophthalmic history in a patient with diagnosed OHT or suspect COAG
Accurately measuring intraocular pressure using a slit-lamp mounted Goldmann applanation tonometer and interpreting the results
Measuring central corneal thickness using appropriate instrumentation and interpreting the significance of the results
Assessment of the optic nerve head by non-contact slit-lamp binocular indirect ophthalmoscopy and detecting the characteristic features of glaucomatous optic neuropathy
The use of perimetric tests for the assessment of a patient
Performing and interpreting the results of the van Herrick test for the assessment of anterior chamber depth

The portfolio will also include reflective summaries.

Rationale: This component will assess the practical elements of the module and ensure students are able perform appropriate techniques. The portfolio will also ensure students are reflecting on their own practice and experience.

Assessment Task 2 will be a 1.5 hour exam of a range of exam question types, to include MCQs and SAQs.

Rationale: This will assess all theoretical aspects of the module and allow students to demonstrate their ability to use their knowledge laterally. This will allow students to be assessed efficiently on factual knowledge as well as exploring more depth and application through longer answers.

Formative assessment will include quizzes and formative feedback throughout the module run and its activities.

Assessment tasks:

Practical Skills Assessment (First Sit)
Description: Portfolio of Skills Competencies
Weighting: 60 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO1, MO2, MO3, MO4, MO6

Examination (First Sit)
Description: Exam (1.5 hours)
Weighting: 40 %
Final assessment: No
Group work: No
Learning outcomes tested: MO1, MO2, MO3, MO4, MO5

Practical Skills Assessment (Resit)

Description: Portfolio of Skills Competencies

Weighting: 60 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO6

Examination (Resit)

Description: Exam (1.5 hours)

Weighting: 40 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Optometry [Sep][FT][Glenside][3yrs] BSc (Hons) 2021-22