



Module Specification

Negotiated Specialist Ultrasound Practice 4

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Part 1: Information

Module title: Negotiated Specialist Ultrasound Practice 4

Module code: UZYSRX-15-M

Level: Level 7

For implementation from: 2023-24

UWE credit rating: 15

ECTS credit rating: 7.5

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: Fundamentals of Ultrasound Technology 2023-24

Continuing professional development: Yes

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: Not applicable

Features: Module Entry Requirements: Applicants must be working in a relevant area of ultrasound practice, and have either completed or be enrolled on a relevant physics or the Fundamentals of Ultrasound Technology module, by agreement with the module leader.

Educational aims: The aim of this module is to develop a safe and competent practitioner equipped with knowledge, critical understanding and professional skills for participation in an effective Ultrasound Imaging service.

Outline syllabus: Potential areas for student study must be negotiated with the Module Leader and could include subspecialty of areas such as the following:

Obstetric Ultrasound:

First-trimester anomaly scanning

Fetal echocardiography

Gynaecological Ultrasound:

Fertility and sub-fertility scanning

Screening for ovarian cancer

General Medical Ultrasound:

Paediatric

Musculo-skeletal

Superficial parts e.g. breast ultrasound

Vascular Ultrasound:

Upper limb assessment

This module is likely to include:

Subject specific topics, for example:

Normal anatomy & physiology; anatomical variants; normal ultrasound appearances; pathological processes; abnormal ultrasound appearances; scanning techniques; use in health screening - subject specific variations

Role of ultrasound in the overall management of the patient.

Complementary and/or alternative imaging techniques.

Interpretation and recording of examination data.

Safety guidelines, protocols and legislation.

Contemporary research and developments in ultrasound.

Techniques related to ultrasound imaging of chosen specialist field.

Legal and Ethical Issues

Professional and Employment Issues Relating to Negotiated Specialist Ultrasound Practice

Communication Skills

Reporting of Ultrasound Images

Group Working

Project Management Skills

Part 3: Teaching and learning methods

Teaching and learning methods: The content of the module will be defined following discussions between the module leader, the student and the work-based manager, and will result in a Learning Contract being drawn up. This contract will specify exactly how the module learning outcomes will be achieved. The nature of the module enables the student to negotiate and learn with significant and relevant others as they see fit. Clinical assessment areas will also be defined as a result of discussions, and subject specific competencies must be demonstrated in all areas.

The placement hours for this module are a normal average, based on this being a practice-based programme which normally requires students to complete on average a minimum of 15 hours per week in a relevant practice setting per professional practice module.

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

MO1 Utilise relevant knowledge of anatomy, physiology and pathology of the negotiated specialised ultrasound area to make evaluative judgements on the outcomes of ultrasound examination.

MO2 Competently, skilfully, and accurately, perform and report the findings of, the relevant range of ultrasound procedures.

MO3 Critically evaluate the contribution that the negotiated specialist ultrasound area makes to the overall management of the patient with reference to any relevant screening and diagnostic procedures.

MO4 Critically appraise the evidence base for the negotiated specialised ultrasound area and reflect on one's own practice and the practice of others within this context.

MO5 Demonstrate a critical knowledge of the legal, ethical, professional and organisational aspects of current ultrasound practice in the relevant area of ultrasound.

MO6 Effectively communicate with clients, their families and healthcare professionals, and make appropriate referrals as required.

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 122 hours

Placement = 240 hours

Face-to-face learning = 28 hours

Total = 390

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/modules/uzysrx-15-m.html) via the following link <https://uwe.rl.talis.com/modules/uzysrx-15-m.html>

Part 4: Assessment

Assessment strategy: Assessment Task 1:

Completion of a Clinical Portfolio to include summative clinical assessments.

Summative requirements of the portfolio are:

Learning Contract

Clinical Case Logs (minimum of 50, with 4 of these to be summatively assessed)

Final Placement Report

Rationale:

This component of assessment provides the opportunity for the student to demonstrate clinical competence and appreciation of the role of a sonographer in the relevant context of ultrasound imaging.

Assessment Task 2:

Structured Oral and Practical Examination (SOPE) maximum 30 minutes

Rationale:

The use of a SOPE replicates the required skills of image commenting in clinical practice and enables demonstration of knowledge and clinical reasoning through both practical demonstration and defended questioning. It enables the demonstration of the knowledge and understanding of the protocols, skills and reasoning (including relevant contemporary research) underpinning relevant ultrasound imaging, assessment and clinical reasoning.

Formative Assessment Opportunities:

A range of resources including simulation opportunities and practical workshops will be available in addition to tutor support and feedback both in practice and via the module team.

Assessment tasks:**Portfolio (First Sit)**

Description: Clinical portfolio - pass/fail

Weighting:

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO6

Practical Skills Assessment (First Sit)

Description: Structured Oral and Practical Examination (SOPE) (maximum 30 minutes)

Weighting: 100 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO3, MO4, MO5

Portfolio (Resit)

Description: Clinical portfolio - pass/fail

Weighting:

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO6

Practical Skills Assessment (Resit)

Description: Structured Oral and Practical Examination (SOPE) (maximum 30 minutes)

Weighting: 100 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO3, MO4, MO5

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Medical Ultrasound [Glenside] MSc 2023-24

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