



Module Specification

Developing Clinical Reasoning in Musculoskeletal Physiotherapy and Practice 2a

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Part 1: Information

Module title: Developing Clinical Reasoning in Musculoskeletal Physiotherapy and Practice 2a

Module code: UZYYDA-30-2

Level: Level 5

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 aims to develop physiotherapy assessment and management skills relevant to people with spinal musculoskeletal conditions. The focus will be to develop clinical reasoning, critical questioning and skills in musculoskeletal physiotherapy practice.

This will include developing the knowledge of anatomy and biomechanics relevant to

the spine, trunk and pelvis. and further development of pain theories and models past, present and future such as Pain Gate, Neuromatrix and Biopsychosocial approaches.

Features: Not applicable

Educational aims: The module will enable students to develop clinical skills and reasoning in the assessment and management of common spinal pathologies strategies, including diagnostic triage and risk stratification in relation to low back pain, neuropathic pain, pelvic girdle, cervical and thoracic dysfunction. This will include consideration of selected rheumatological conditions, women's health and paediatric musculoskeletal conditions relevant to the spine, trunk and pelvis.

Students will discuss and evaluate physiotherapy management options to include problem solving, integration of multi modal approaches including exercise and rehabilitation, manual therapy, electrotherapy and self -management.

Outline syllabus: This module will develop the knowledge of anatomy and biomechanics relevant to the spine, trunk and pelvis. and further development of pain theories and models past, present and future such as Pain Gate, Neuromatrix and Biopsychosocial approaches.

The module will enable students to develop clinical skills and reasoning in the assessment and management of common spinal pathologies strategies, including diagnostic triage and risk stratification in relation to low back pain, neuropathic pain, pelvic girdle, cervical and thoracic dysfunction. This will include consideration of selected rheumatological conditions, women's health and paediatric musculoskeletal conditions relevant to the spine, trunk and pelvis.

Students will discuss and evaluate physiotherapy management options to include problem solving, integration of multi modal approaches including exercise and rehabilitation, manual therapy, electrotherapy and self -management.

Part 3: Teaching and learning methods

Teaching and learning methods: A variety of teaching and learning methods will be used including:

Lectures providing an introduction and summary of key topic areas.

Practical sessions focusing on the physiotherapy assessment and management techniques.

Seminars and group work will enable discussion to develop critical clinical reasoning and problem solving through case studies, video and role play.

In addition, students will be required to engage in independent learning utilising resources available on blackboard and within workbooks provided. Independent learning includes hours engaged with essential reading, case study preparation, critical thinking relating to clinical practice preparation.

Practice Placement:

A six-week Practice Placement in a variety of environments and health care settings forms part of this module

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

MO1 Demonstrate knowledge and understanding of relevant anatomy, biomechanics, physiology, pathology related to current musculoskeletal physiotherapeutic practice focusing on the spine, trunk and pelvis.

MO2 Develop, perform and evaluate appropriate physiotherapy assessment skills, to include diagnostic triage and risk stratification, that can be applied to people with spinal musculoskeletal dysfunction

MO3 Analyse and demonstrate relevant management options related to musculoskeletal problems relating to the spine, trunk and pelvis.

MO4 Apply and develop appropriate clinical reasoning integrating evidence based decision making with reference to people with spinal musculoskeletal dysfunction

MO5 To achieve an acceptable standard for all practice skills (see separate Practice Outcomes document)

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 240 hours

Placement = 225 hours

Face-to-face learning = 60 hours

Total = 525

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://rl.talis.com/3/uwe/lists/E738BC62-BC6F-4E99-7789-0F829128A250.html?lang=en-GB) via the following link <https://rl.talis.com/3/uwe/lists/E738BC62-BC6F-4E99-7789-0F829128A250.html?lang=en-GB>

Part 4: Assessment

Assessment strategy: This module has two assessment tasks; a Continuous Practice Assessment and a structured oral practical examination (SOPE).

Continuous Practice Assessment; continuous assessment of the student's performance in practice against practice learning outcomes. This will enable the student to demonstrate their learning and development over the duration of the placement, as marked by the practice educator.

Formative assessment and feedback are provided regularly throughout the placement by the practice educator. This happens informally following observed practice (verbal and possibly written) and at a weekly feedback session (verbal and possibly written), and formally at the midway and final appraisals (verbal and written).

A minimum of 150 hours must be completed on the placement to be assessed. If the minimum is not reached, this is classed as a non-submission, and a further placement is required (subject to award board approval). This will normally be 6 weeks.

If the placement is failed, a 4 week resit placement is required (subject to award board approval).

A Continuous Practice Assessment form covering both components must be completed, signed and dated by the practice educator, and submitted by the student.

Structured Oral and Practical Examination- maximum 35 minutes; integration of theory and practice is an essential part of this module. These aspects will be tested via a SOPE.

The SOPE allows for examination of practical assessment and management skills. At the same time the practical examination through appropriate questioning addresses the student's ability to clinically reason, make informed critical decisions, problem solve and justify management along with efficient use of time management skills.

Formative Assessment: Students may have the opportunity for peer reviewed formative assessment during structured revision sessions to enhance preparation for the SOPE experience.

Assessment tasks:

Professional Practice Report (First Sit)

Description: Continuous Practice Assessment [Pass/Fail]

Weighting: 0 %

Final assessment: No

Group work: No

Learning outcomes tested: MO5

Practical Skills Assessment (First Sit)

Description: Structured Oral Practical Examination – up to 35 minutes

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Professional Practice Report (Resit)

Description: Continuous Practice Assessment [Pass/Fail]

Weighting:

Final assessment: No

Group work: No

Learning outcomes tested: MO5

Practical Skills Assessment (Resit)

Description: Structured Oral Practical Examination – up to 35 minutes

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Physiotherapy {Apprenticeship-UWE} [Glenside] BSc (Hons) 2022-23