



Module Specification

Clinical Reasoning for Musculoskeletal Rehabilitation

Version: 2025-26, v1.0, 07 Jun 2023

Contents

Module Specification	1
Part 1: Information	2
Part 2: Description	2
Part 3: Teaching and learning methods	3
Part 4: Assessment.....	4
Part 5: Contributes towards	5

Part 1: Information

Module title: Clinical Reasoning for Musculoskeletal Rehabilitation

Module code: UZYYKD-15-2

Level: Level 5

For implementation from: 2025-26

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: Hainan Medical University

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 will enable students to develop clinical skills and reasoning in the assessment and management of common spinal pathologies.

Features: Not applicable

Educational aims: This module aims to equip students with the skills and knowledge to assess and manage people with spinal musculoskeletal conditions.

The focus will be to develop clinical reasoning, critical questioning and skills in musculoskeletal practice.

Outline syllabus: This module will develop:-

- the knowledge of anatomy and biomechanics relevant to the spine, trunk and pelvis.
- pain theories and models past, present and future such as Pain Gate, Neuromatrix and Biopsychosocial approaches.
- 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.
- consideration of selected rheumatological conditions, women's health and paediatric musculoskeletal conditions relevant to the spine, trunk and pelvis.
- physiotherapy management options to include problem solving, integration of multi modal approaches including exercise and rehabilitation, manual therapy, 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.

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, and 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

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 114 hours

Face-to-face learning = 36 hours

Total = 150

Reading list: The reading list for this module can be accessed at readinglists.uwe.ac.uk via the following link

<https://uwe.rl.talis.com/search.html?q=UZYKH8-30-2>

Part 4: Assessment

Assessment strategy: Structured Oral Practical Exam (SOPE):

The structured oral practical exam 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. A peer reviewed formative assessment, during structured revision sessions, will be available to enhance preparation for the SOPE experience.

Assessment tasks:

Practical Skills Assessment (First Sit)

Description: Structured Oral Practical Examination (40 mins)

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Practical Skills Assessment (Resit)

Description: Structured Oral Practical Examination (40 mins)

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:

Rehabilitation {JEP} [Hainan] BSc (Hons) 2023-24