



Module Specification

Complex Issues in Musculoskeletal and Neurological Physiotherapy Practice

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Part 1: Information

Module title: Complex Issues in Musculoskeletal and Neurological Physiotherapy Practice

Module code: UZYSYC-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: Not applicable

Features: Not applicable

Educational aims: See Learning Outcomes.

Outline syllabus: This module will focus on the physiotherapeutic management of complex cases, apply and develop knowledge and skills from both neurological and

musculoskeletal practice and advance understanding of contemporary and evidence-based interventions for the management of complex neuro musculoskeletal conditions. It will develop the use of the biopsychosocial model to inform patient management and the integration of clinical reasoning and evidence to support treatment plans.

Complex neurological and musculoskeletal conditions that will be addressed in this module include: non-specific low back pain, pain management in conditions such as whiplash or work-related upper limb disorders or multiple joint conditions, head injury or other neurosurgical conditions, conversion disorder and musculo/neuropathic conditions.

A range of contemporary physiotherapy treatments appropriate for use with the various conditions will be considered and critically evaluated including manual therapy, exercise strategies, electro-physical modalities, rehabilitative techniques such as constraint-induced movement therapy and repetitive training. Innovative developments in treatments such as in electrotherapy and use of robotic intervention will be considered.

Part 3: Teaching and learning methods

Teaching and learning methods: Lectures provide an introduction and summary of the topic area. Seminars/group work include discussion and use of information provided to support learning.

Additionally, students are expected to engage in self - study. Their study time will be required to research and critically appraise information and to prepare for the module assessments.

Scheduled learning includes lectures, seminars, practical skills sessions.

Independent learning includes hours engaged with essential reading, poster preparation linking with the management approach selected for review. Use of

practical experience gleaned whilst on placements will also be required to support discussion during the module.

Contact Hours: Up to 72 contact hours over semester 1 and 2

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

MO1 Explore the opportunities and challenges of physiotherapy assessment and management in complex chronic neurological and musculoskeletal conditions

MO2 Justify safe, effective and appropriate treatment techniques in the management of complex neurological and musculoskeletal cases

MO3 Discuss critically evidence based practice and the use of outcome measures in complex neuro - musculoskeletal conditions

MO4 Produce evidence of well supported clinical reasoning based on rational interpretation of available information

MO5 Provide a range of valid alternative responses to situations and discriminate and evaluate the responses in a critical way

MO6 Critically appraise the role of the physiotherapist and multi - disciplinary team in chronic pain management and other complex neuro-musculoskeletal conditions

MO7 Evaluate the research findings in relation to the treatment of complex neurological and musculoskeletal conditions

MO8 Demonstrate reflective practice to underpin personal and professional development when working with patients with complex conditions

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 228 hours

Face-to-face learning = 72 hours

Total = 300

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/modules/uzysyc-30-3.html) via the following link <https://uwe.rl.talis.com/modules/uzysyc-30-3.html>

Part 4: Assessment

Assessment strategy: There are two summative assessment tasks for this module to encourage students to develop their knowledge and understanding of both complex neurological and musculoskeletal conditions.

Assessment Task 1 will require students to synthesize and critically summarise information about the management of a complex musculoskeletal condition into a poster. Key to this assessment is the defence of the poster which will enable students to demonstrate clinical reasoning, critical judgement and reflection. It will also show their understanding of contemporary issues in the management of complex musculoskeletal conditions.

In Assessment Task 2, students will address the management of a complex neurological condition and demonstrate ability to critically discuss and justify treatment and management options in a written format. The essay submission (2500 words) will promote student led enquiry to research and review current evidence. It will encourage a deeper level of learning with emphasis on critically interpreting and applying the information in a written task.

Assessment tasks:

Presentation (First Sit)

Description: Defence of a poster presentation (up to 30 minutes)

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6, MO7, MO8

Written Assignment (First Sit)

Description: Written essay (2500 words)

Weighting: 50 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO5, MO6, MO7

Presentation (Resit)

Description: Defence of a poster presentation (up to 30 minutes)

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6, MO7, MO8

Written Assignment (Resit)

Description: Written essay (2500 words)

Weighting: 50 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6, MO7

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Physiotherapy [Sep][FT][Glenside][3yrs] - Not Running BSc (Hons) 2021-22