



MODULE SPECIFICATION

Part 1: Information			
Module Title	Complex Issues in Musculoskeletal and Neurological Physiotherapy Practice		
Module Code	UZYSYC-30-3	Level	Level 6
For implementation from	2020-21		
UWE Credit Rating	30	ECTS Credit Rating	15
Faculty	Faculty of Health & Applied Sciences	Field	Allied Health Professions
Department	HAS Dept of Allied Health Professions		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Educational Aims: See Learning Outcomes.</p> <p>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.</p> <p>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.</p> <p>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.</p>

STUDENT AND ACADEMIC SERVICES

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

Part 3: Assessment

Two components of assessment are included in this module to encourage students to develop their knowledge and understanding of both complex neurological and musculoskeletal conditions.

Component A 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 component B, 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.

First Sit Components	Final Assessment	Element weighting	Description
Presentation - Component A		50 %	Defence of a poster presentation (up to 30 minutes)
Written Assignment - Component B	✓	50 %	Written essay (2500 words)
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Written Assignment - Component B	✓	50 %	Written essay (2500 words)

STUDENT AND ACADEMIC SERVICES

Part 4: Teaching and Learning Methods																			
Learning Outcomes	<p>On successful completion of this module students will achieve the following learning outcomes:</p> <table border="1"> <thead> <tr> <th style="text-align: left;">Module Learning Outcomes</th> <th style="text-align: left;">Reference</th> </tr> </thead> <tbody> <tr> <td>Explore the opportunities and challenges of physiotherapy assessment and management in complex chronic neurological and musculoskeletal conditions</td> <td>MO1</td> </tr> <tr> <td>Justify safe, effective and appropriate treatment techniques in the management of complex neurological and musculoskeletal cases</td> <td>MO2</td> </tr> <tr> <td>Discuss critically evidence based practice and the use of outcome measures in complex neuro - musculoskeletal conditions</td> <td>MO3</td> </tr> <tr> <td>Produce evidence of well supported clinical reasoning based on rational interpretation of available information</td> <td>MO4</td> </tr> <tr> <td>Provide a range of valid alternative responses to situations and discriminate and evaluate the responses in a critical way</td> <td>MO5</td> </tr> <tr> <td>Critically appraise the role of the physiotherapist and multi - disciplinary team in chronic pain management and other complex neuro-musculoskeletal conditions</td> <td>MO6</td> </tr> <tr> <td>Evaluate the research findings in relation to the treatment of complex neurological and musculoskeletal conditions</td> <td>MO7</td> </tr> <tr> <td>Demonstrate reflective practice to underpin personal and professional development when working with patients with complex conditions</td> <td>MO8</td> </tr> </tbody> </table>	Module Learning Outcomes	Reference	Explore the opportunities and challenges of physiotherapy assessment and management in complex chronic neurological and musculoskeletal conditions	MO1	Justify safe, effective and appropriate treatment techniques in the management of complex neurological and musculoskeletal cases	MO2	Discuss critically evidence based practice and the use of outcome measures in complex neuro - musculoskeletal conditions	MO3	Produce evidence of well supported clinical reasoning based on rational interpretation of available information	MO4	Provide a range of valid alternative responses to situations and discriminate and evaluate the responses in a critical way	MO5	Critically appraise the role of the physiotherapist and multi - disciplinary team in chronic pain management and other complex neuro-musculoskeletal conditions	MO6	Evaluate the research findings in relation to the treatment of complex neurological and musculoskeletal conditions	MO7	Demonstrate reflective practice to underpin personal and professional development when working with patients with complex conditions	MO8
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Reading List	<p><i>The reading list for this module can be accessed via the following link:</i></p> <p>https://uwe.rl.talis.com/modules/uzysyc-30-3.html</p>																		

Part 5: Contributes Towards
<p>This module contributes towards the following programmes of study:</p> <p>Physiotherapy [Sep][FT][Glenside][3yrs] BSc (Hons) 2018-19</p>