



Module Specification

Complex Clinical Reasoning for Physiotherapy

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Part 1: Information

Module title: Complex Clinical Reasoning for Physiotherapy

Module code: UZYYDK-40-3

Level: Level 6

For implementation from: 2024-25

UWE credit rating: 40

ECTS credit rating: 20

Faculty: Faculty of Health & Applied Sciences

Department: HAS Dept of Allied Health Professions

Partner institutions: None

Delivery locations: Glenside Campus

Field:

Module type: Standard

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 build upon fundamental principles taught within the Clinical Reasoning modules at level 5, and will enable students to apply their skills to increasingly complex conditions and cases.

Features: Not applicable

Educational aims: This module will develop advanced physiotherapy assessment and management skills that are relevant to patients with complex conditions, including those who are critically unwell. The focus of the module will be the development of advanced clinical reasoning and skills within musculoskeletal, neurological, and cardiorespiratory physiotherapy.

The module will develop the use and application of the biopsychosocial model to patients with complex clinical presentations, considering where appropriate the role of the multi-disciplinary team in holistic management. Development of clinical reasoning skills within complex scenarios will form a key part of this module. This will involve the integration of personal experience, current research evidence and patient expectations and values. Use of outcome measures in evaluating the effectiveness of interventions will also be considered.

Outline syllabus: The syllabus will typically include:

- Complex pathologies such as; traumatic brain injury, acute respiratory distress syndrome, persistent pain management, whiplash associated disorder, complex tone management and vestibular rehabilitation
- Assessment and management skills used in management of patients presenting with multiple conditions. The module will consider where commonality lies within complex musculoskeletal, neurological, and cardiorespiratory conditions, for example in traumatic brain injury, functional neurological disorder, and complex regional pain syndrome.
- Assessing and managing the deteriorating and critically unwell patient, in a variety of setting (such as the intensive care unit, on call, the ward, and the community), to including interventions such as suction, manual hyperinflation and critical care rehabilitation
- Paediatric respiratory care

Part 3: Teaching and learning methods

Teaching and learning methods: Scheduled learning includes lectures, seminars, tutorials, demonstration, practical classes, simulations and equipment workshops.

Additionally, students are expected to engage in self-study using the resources provided and blackboard. Independent learning includes hours engaged with essential reading and case study preparation.

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

MO1 Explain how the physiological changes and interactions between body systems give rise to the expected clinical features in critical illness

MO2 Develop and evaluate enhanced physiotherapy assessment and management skills that are relevant to patients with complex musculoskeletal, neurological and cardiorespiratory clinical presentations.

MO3 Develop enhanced physiotherapy skills that can be applied in a combination of musculoskeletal, neurological and cardiorespiratory settings, and identify and justify occasions when these might be appropriate

MO4 Apply clinical reasoning to complex scenarios and provide justification which incorporates reflection on personal experience, evidence based practice, assessment of risk, data from monitoring methods, and patient expectations and values.

MO5 Develop and effectively communicate a justified physiotherapy management plan for complex patient presentations through synthesis of critical appraisal of the supporting literature, knowledge, skills and clinical reasoning

MO6 Demonstrate application of the bio-psycho-social model, considering how the relative contribution of each component of a patient presentation might be managed within physiotherapy and/or the multidisciplinary team

Hours to be allocated: 400

Contact hours:

Independent study/self-guided study = 320 hours

Face-to-face learning = 80 hours

Total = 400

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

Part 4: Assessment

Assessment strategy: Two components of assessment are included in this module :

Component A: written coursework (3000 words)

Component B: viva exam (max 30 minutes)

Rationale:

Two forms of assessment are used to encourage students to allow students to demonstrate both breadth and depth of their clinical reasoning skills.

The written coursework allows students to choose one area to focus on in greater depth. This will enable students to demonstrate the depth of their clinical reasoning skills, including critical analysis of literature and application to practice.

The viva will allow exploration of the breadth of the syllabus, and allow an opportunity for students to demonstrate their clinical reasoning skills for complex situations which will span the specialities covered within the module. In addition, the viva will provide an opportunity to prepare for the End Point Assessment.

Formative:

Students will have an opportunity to submit a section of draft coursework for feedback.

Students will also have the opportunity to attend a mini-viva at the end of the module

teaching block. Students will be asked one question and given verbal feedback on their performances.

Assessment components:

Written Assignment - Component A (First Sit)

Description: 3000 words coursework

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO2, MO3, MO4, MO5

Presentation - Component B (First Sit)

Description: Oral viva exam (30 minutes)

Weighting: 50 %

Final assessment: Yes

Group work: No

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

Written Assignment - Component A (Resit)

Description: 3000 words coursework

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO2, MO3, MO4, MO5

Presentation - Component B (Resit)

Description: Oral viva exam (30 minutes)

Weighting: 50 %

Final assessment: Yes

Group work: No

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

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Applied Physiotherapy {Apprenticeship-UWE} [Jan][FT][Glenside][4yrs] BSc (Hons)
2021-22