Module Specification

Clinical Reasoning: Cardiorespiratory Physiotherapy

Version: 2027-28, v2.0, Approved

Contents

Part 1: Information

Module title: Clinical Reasoning: Cardiorespiratory Physiotherapy

Module code: UZYKH7-15-2

Level: Level 5

For implementation from: 2027-28

UWE credit rating: 15

ECTS credit rating: 7.5

College: College of Health, Science & Society

School: CHSS 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 will build upon the anatomy and physiology, assessment skills and problem identification from the level 4 cardiorespiratory module. Pathologies of the cardiorespiratory system will be examined to understand changes to the usual anatomy and physiology. Treatment skills used in cardiorespiratory physiotherapy will be linked to clinical decision making to aid with the selection of appropriate treatments.

Features: Not applicable

Educational aims: This module aims to:
Revisit cardiovascular and respiratory anatomy and physiology in an applied way, considering normal structure and function alongside the pathophysiological processes that occur in cardiovascular and respiratory conditions.

Explore a range of physiotherapy treatment options, this will include links to the problems caused by cardiorespiratory disease. Clinical reasoning will be developed to consider the choices for cardiorespiratory treatments and their application in practice.

Outline syllabus: This module will typically cover:

Applied cardiorespiratory anatomy and physiology;

Cardiorespiratory pathologies and their impact on the normal function of the cardiorespiratory systems;

Physiotherapy treatment interventions for cardiorespiratory problems;

Clinical reasoning for people with cardiorespiratory problems.

Part 3: Teaching and learning methods

Teaching and learning methods: Scheduled learning will include lectures, seminars, and practical classes. Lectures provide an introduction and summary of the topic area. Seminars utilise active learning methods, such as problem solving, case studies and discussions. Practical sessions involve skill teaching.

Additionally, learners are expected to engage self-study using resources provided. Independent learning includes hours engaged with essential and further reading, as well as session and assessment preparation.

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

MO1 Describe how normal anatomy and physiology is changed by cardiorespiratory pathologies and explain expected clinical features.

MO2 Demonstrate safe and effective treatment skills for people with cardiorespiratory problems.

MO3 Discuss and select an appropriate range of management options for people with cardiorespiratory problems.

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 114 hours

Face-to-face learning = 36 hours

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=UZYKH7

Part 4: Assessment

Assessment strategy: This module has one assessment task; a structured oral and practical examination (SOPE). The assessment will be 30 minutes maximum in duration.

The SOPE is designed to provide an authentic assessment experience that closely mirrors real clinical practice, enabling learners to demonstrate both theoretical understanding and practical competence in foundational skills relevant to cardiorespiratory physiotherapy.

A SOPE provides a structured and objective format to assess learners' ability to perform safe and effective assessment skills. Learners will also answer questions reinforcing the link between theory and practice. The SOPE approach reflects the importance of communication and respiratory-specific assessment skills in clinical practice and supports the integration of theory with hands-on application.

This approach supports the development of confidence and readiness for clinical environments, ensuring learners are well-prepared for professional practice.

Formative Assessment
Throughout the module, a number of formative assessment opportunities will be included, providing learners with feedback on their performance ahead of the summative module assessment. These may take the style of quizzes, assessment preparation sessions, and peer feedback to help prepare for the module assessment.

Assessment tasks:

Practical Skills Assessment (First Sit)
Description: Structured oral and practical examination (SOPE) 30 mins maximum.
Weighting: 100 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO1, MO2, MO3

Practical Skills Assessment (Resit)
Description: Structured oral and practical examination (SOPE) 30 mins maximum.
Weighting: 100 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO1, MO2, MO3

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Physiotherapy [Glenside] BSc (Hons) 2026-27

BSc (Hons) Physiotherapy [Glenside] BSc (Hons) 2026-27