



MODULE SPECIFICATION

Part 1: Information			
Module Title	Foundations of Respiratory Physiotherapy		
Module Code	UZYSXX-15-1	Level	Level 4
For implementation from	2020-21		
UWE Credit Rating	15	ECTS Credit Rating	7.5
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: Respiratory Anatomy, Physiology and Pathology: Structure of epithelium, and blood structure of lungs and bronchi.</p> <p>Control of respiration, ventilation, diffusion and transport of blood gases.</p> <p>Tissue fluid formation, oedema, inflammation, and healing.</p> <p>Medical respiratory conditions (Asthma, Chronic Obstructive Pulmonary Disease, Bronchiectasis, Cystic Fibrosis).</p> <p>Post-operative abdominal surgery management, Deep Vein Thrombosis, Pneumonia.</p> <p>Physiotherapy Examination and Assessment skills for Respiratory assessment including communication: Auscultation, observation of breathing pattern, Spirometry, Oximetry and Capnography Chest X rays, Blood pressure monitoring, Temperature Pulse Respiratory measurement and charting.</p>

STUDENT AND ACADEMIC SERVICES

Physiotherapy treatment skills:

Active Cycle of Breathing, manual clearance techniques, postural drainage, control of breathlessness, post operative management.

Clinical reasoning for case studies with respiratory problems:

Breathlessness, Sputum retention, Airway Obstruction, Low Lung volumes.

Teaching and Learning Methods: 40 hours of scheduled teaching will be delivered over semester 2, and will include online lectures, seminars, tutorials, demonstrations, and workshops, plus practical sessions.

Lectures provide an introduction and summary of the topic area. Seminars include problem solving, case studies and discussions and use workbooks to support learning. Practicals involve skills teaching and practice, simulations and equipment workshops.

Additionally, students are expected to engage in 90 hours self study using the resources and structure in the workbook and blackboard. Preparation time is focused on essential reading, supplemented by case study preparation and self assessment exercises from the workbook. A major part of their study time is taken up by exam preparation, including sample question and practical skills practice.

Independent learning includes hours engaged with essential reading, case study preparation, assignment preparation and completion. Students will be provided with a module workbook to guide their independent learning. This accounts for approximately 90 hours.

Part 3: Assessment

Strategy:

An online exam will enable comprehensive testing of knowledge and understanding and its application to a range of clinical presentations. It will also test student's understanding of respiratory assessment and ability to recognise and analyse the findings. In addition, it will assess the students understanding of the fundamental concepts of physiotherapy with these patient groups.

The online exam has a 24-hour submission window, a suggested length of 2 hours and a total limit of 2000 words.

A practical skills assessment (Structured Oral Practical Exam) will test key practical skills including relevant treatment techniques, safety considerations, patient care, compassion, communication and professionalism.

Sample questions and answers will be available on Blackboard for both components, and there are examination preparation sessions which give students an opportunity to develop and evaluate both their exam writing and practical skills.

First Sit Components	Final Assessment	Element weighting	Description
Practical Skills Assessment - Component B	✓	0 %	Structured Oral Practical Examination – 15 minutes Pass/Fail
Examination (Online) - Component A		100 %	Online examination (24 hours)
Resit Components	Final Assessment	Element weighting	Description
Practical Skills Assessment - Component B	✓	0 %	Structured Oral Practical Examination – 15 minutes Pass/Fail
Examination (Online) - Component A		100 %	Online examination (24 hours)

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>Describe the anatomy, physiology and histology of the respiratory system and microcirculation</td> <td>MO1</td> </tr> <tr> <td>Relate the pathological changes of respiratory conditions to the clinical features</td> <td>MO2</td> </tr> <tr> <td>Explain the indications and contraindications of specified physiotherapy techniques</td> <td>MO3</td> </tr> <tr> <td>Outline the physiotherapeutic management for problems identified</td> <td>MO4</td> </tr> <tr> <td>Interpret selected assessment findings and formulate an outline problem list from case studies</td> <td>MO5</td> </tr> <tr> <td>Plan and choose appropriate physiotherapy techniques for the management of selected case studies</td> <td>MO6</td> </tr> <tr> <td>Demonstrate and apply safe and effective subjective/objective assessment and treatment skills for people with respiratory disease/dysfunction</td> <td>MO7</td> </tr> <tr> <td>Communicate effectively with colleagues in simulated practical situations</td> <td>MO8</td> </tr> <tr> <td>Demonstrate a professional approach in simulated practical situations</td> <td>MO9</td> </tr> </tbody> </table>	Module Learning Outcomes	Reference	Describe the anatomy, physiology and histology of the respiratory system and microcirculation	MO1	Relate the pathological changes of respiratory conditions to the clinical features	MO2	Explain the indications and contraindications of specified physiotherapy techniques	MO3	Outline the physiotherapeutic management for problems identified	MO4	Interpret selected assessment findings and formulate an outline problem list from case studies	MO5	Plan and choose appropriate physiotherapy techniques for the management of selected case studies	MO6	Demonstrate and apply safe and effective subjective/objective assessment and treatment skills for people with respiratory disease/dysfunction	MO7	Communicate effectively with colleagues in simulated practical situations	MO8	Demonstrate a professional approach in simulated practical situations	MO9
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Reading List	<p>The reading list for this module can be accessed via the following link:</p> <p>https://uwe.rl.talis.com/modules/uzysxx-15-1.html</p>																				

Part 5: Contributes Towards

This module contributes towards the following programmes of study: