

Module Specification

Module Summary Information

1	Module Title	Cardio Respiratory Evidence Based Practice
2	Module Credits	20
3	Module Level	7
4	Module Code	HSC7014

5	Module Overview
<p>This module is designed to prepare you for practice within the field of cardio respiratory physiotherapy. A range of learning and teaching opportunities will enable you to develop a systematic understanding of the anatomy and physiology of the cardio respiratory system in both the non-diseased and disease states and understand the physical, psychological and social impact of acute and chronic cardiorespiratory pathology and dysfunction on the client and their relatives/carers.</p> <p>To align with the highly practice-led, knowledge applied nature of the programme, you will develop skills in the assessment and management of clients with conditions affecting the function of the cardio respiratory system. The importance of clinical reasoning will again be emphasised (building upon skills introduced in previous modules) enabling you to select and apply appropriate therapeutic interventions underpinned by the principles of evidence based practice.</p> <p>In this module, you can expect to engage with a range of blended learning opportunities including lectures, seminars delivered by specialist clinicians, practical skills workshops with service user involvement and E-learning activities. A case study approach will be utilised throughout the module to explore the contribution of physiotherapy to the management of clients presenting with cardio respiratory conditions with respect to interprofessional working and encourage reflection and critical evaluation of the role of the physiotherapy within the Cardiorespiratory MDT. The use of the virtual learning environment will enable you to become familiar with a simulated intensive therapy unit prior to practice placement.</p>	

6	Indicative Content
<ul style="list-style-type: none"> • Cardio-respiratory anatomy and physiology • Introduction to acute and chronic cardio-respiratory conditions and pathologies • Introduction to cardio-respiratory impairments • Physiotherapy assessment of the cardio-respiratory patient • Physiotherapy treatment and management of the cardio-respiratory patient 	

7	Module Learning Outcomes On successful completion of the module, students will be able to:	
	1	Demonstrate a comprehensive knowledge and application of the anatomy, physiology and development of the cardiorespiratory system in normal and pathological states.
	2	Synthesise and apply knowledge of key skills appropriate for assessing and managing patients with cardiovascular and respiratory dysfunctions, with due regard for safety, legal and ethical issues and taking into consideration psychosocial and social consequences.
	3	Critically discuss the evidence and theoretical concepts that underpin the physiotherapy management of clients with cardiovascular and respiratory dysfunctions and the role of the MDT.
	4	Critically appraise the evolving nature of physiotherapy practice within the field of cardio respiratory physiotherapy in terms of context and changing knowledge base.

8	Module Assessment		
Learning Outcome			
	Coursework	Exam	In-Person
1-4		X	

9	Breakdown Learning and Teaching Activities	
Learning Activities		Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable		48
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE		25
Private Study (PS) includes preparation for exams		127
Total Study Hours:		200