

## PHTY90009 Acute Cardiorespiratory Practice

<b>Credit Points:</b>	12.50
<b>Level:</b>	9 (Graduate/Postgraduate)
<b>Dates &amp; Locations:</b>	2010, Parkville This subject commences in the following study period/s: March, Parkville - Taught on campus.
<b>Time Commitment:</b>	Contact Hours: 20 hours of lectures and seminars, 40 hours of clinical workshops. Total Time Commitment: Students are expected to undertake a number of hours of self directed learning in this subject. Approximately 50 hours of self directed learning is suggested.
<b>Prerequisites:</b>	For Postgraduate Certificate: 513-699 Physiotherapy Professional Portfolio. For Masters by Coursework: 513-662 Cardiorespiratory Science (may be taken concurrently)
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	None
<b>Coordinator:</b>	Assoc Prof Linda Denehy
<b>Contact:</b>	Associate Professor Linda Denehy
<b>Subject Overview:</b>	This subject is designed to build on existing theoretical knowledge in the areas of acute cardiorespiratory pathophysiology, diagnostic and investigative procedures and physiotherapy techniques used in the management of acute complex patients. Current management issues in the areas of adult, paediatric and neonatal critical care, major surgery and complex medical patients will be covered. Evaluation of current clinical practice and the reliability and validity of cardiorespiratory outcome measures used in the acute care area will be explored. In addition, practical and equipment based skills will be extended, including non-invasive ventilation. Students will have the opportunity to practice these both at the School and in the clinical setting. Students will be involved in clinical master classes where they watch and participate in patient treatment with a clinical mentor.
<b>Objectives:</b>	<ul style="list-style-type: none"> <li># An advanced understanding of the changing knowledge base in cardiorespiratory physiotherapy, and the international context and sensitivities of the area.</li> <li># Well developed problem-solving abilities in both the clinical and the theoretical aspects of cardiorespiratory physiotherapy.</li> <li># Descriptions of recent advances in acute respiratory and critical care medicine and cardiorespiratory surgery and the current investigative and diagnostic approaches in these areas.</li> <li># Discussion of current approaches for the treatment/management of specific acute and complex conditions.</li> <li># Opportunities to investigate methods of evaluation of patient progress and outcome including clinical assessment tools and application of research findings.</li> <li># Develop specialised assessment, diagnostic and management skills for the appraisal of patients with acute and complex cardiorespiratory pathologies, including neonates, paediatrics and the aged.</li> </ul>
<b>Assessment:</b>	Written assignment 2000 words (30%) Oral presentations (40%) Skills examinations (30%)
<b>Prescribed Texts:</b>	None
<b>Breadth Options:</b>	This subject is not available as a breadth subject.
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>

<b>Generic Skills:</b>	<b>Generic Skills:</b> On completion of the subject, students are expected to be able to demonstrate: <ul style="list-style-type: none"><li># The ability to evaluate and synthesise research and professional literature and apply this information</li><li># A capacity to articulate knowledge and understanding in oral and written presentations at an appropriate level</li><li># Where appropriate, advanced working skills and receptiveness in the use of new technologies</li><li># An appreciation of the ways in which advanced knowledge may equip professionals to offer leadership</li></ul>
<b>Links to further information:</b>	<a href="http://www.physioth.unimelb.edu.au/programs/pgrad/index.html">http://www.physioth.unimelb.edu.au/programs/pgrad/index.html</a>