

## PC-CU Postgraduate Certificate in Clinical Ultrasound

<b>Year and Campus:</b>	2011 - Hawthorn																	
<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>Level:</b>	Graduate/Postgraduate																	
<b>Duration &amp; Credit Points:</b>	50 credit points taken over 6 months full time. This course is available as full or part time.																	
<b>Coordinator:</b>	Associate Professor Colin Royse and Associate Professor Alistair Royse																	
<b>Contact:</b>	<p><b>Postal Address:</b>            Cardiovascular Therapeutics Unit            Department of Pharmacology            University of Melbourne            Parkville VICTORIA 3010            Telephone: +61 3 8344 5673            Fax: +61 3 8344 5193</p> <p><b>Email Address:</b>  <a href="mailto:echo-info@unimelb.edu.au">echo-info@unimelb.edu.au</a> (<a href="mailto:echo-info@unimelb.edu.au">mailto:echo-info@unimelb.edu.au</a>)</p>																	
<b>Course Overview:</b>	<p>This distance program will be offered to practicing medical professionals who wish to obtain further expertise in medical ultrasound for clinical practice. It is part of the nested program of courses related to the use of clinical Ultrasound. It also includes the Postgraduate Certificate and Postgraduate Diploma in Clinical Ultrasound (which will be a pre-requisites). The course is designed to provide the knowledge-base necessary for diagnostic-level performance of echocardiography and interpretation; surface ultrasound uses such as ultrasound guided procedures and nerve blocks; and other medical specialist specific ultrasound applications such as vascular ultrasound examination. The aim is to provide advanced knowledge to specialist craft groups to facilitate use of ultrasound relevant to their specialty.</p>																	
<b>Objectives:</b>	<p>At the end of this course is a student will have:</p> <ol style="list-style-type: none"> <li>1. To provide the knowledge base to become competent at an advanced level of echocardiography</li> <li>2. To provide the knowledge base to become competent in the additional imaging techniques and modalities</li> </ol>																	
<b>Course Structure &amp; Available Subjects:</b>	<p>To satisfy the requirements of the Postgraduate Certificate in Clinical Ultrasound students must successfully complete all four subjects, a total of 50 points.            The subjects offered are:</p> <ul style="list-style-type: none"> <li># 360888 Principles of Ultrasound Heart Scan</li> <li># 360893 Ultrasound Guided Procedures</li> <li># 360889 Doppler Echocardiography</li> <li># 360890 Ventricular Function</li> </ul>																	
<b>Subject Options:</b>	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>MEDI90049 Principles of Ultrasound Heart Scan</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> <tr> <td>MEDI90054 Ultrasound Guided Procedures</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> <tr> <td>MEDI90050 Doppler Echocardiography</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> <tr> <td>MEDI90051 Ventricular Function</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	MEDI90049 Principles of Ultrasound Heart Scan	Semester 1, Semester 2	12.50	MEDI90054 Ultrasound Guided Procedures	Semester 1, Semester 2	12.50	MEDI90050 Doppler Echocardiography	Semester 1, Semester 2	12.50	MEDI90051 Ventricular Function	Semester 1, Semester 2	12.50
Subject	Study Period Commencement:	Credit Points:																
MEDI90049 Principles of Ultrasound Heart Scan	Semester 1, Semester 2	12.50																
MEDI90054 Ultrasound Guided Procedures	Semester 1, Semester 2	12.50																
MEDI90050 Doppler Echocardiography	Semester 1, Semester 2	12.50																
MEDI90051 Ventricular Function	Semester 1, Semester 2	12.50																
<b>Entry Requirements:</b>	<p>Applicants must possess undergraduate qualifications sufficient to practice as a medical practitioner, such as MBBS or equivalent degrees, as a minimum entry requirement.</p>																	
<b>Core Participation Requirements:</b>	<p>For the purposes of considering requests for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage</p>																	

	Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: <a href="http://www.services.unimelb.edu.au/disability/">http://www.services.unimelb.edu.au/disability/</a>
<b>Further Study:</b>	Students can articulate to the Postgraduate Diploma in Clinical Ultrasound and the Master of Clinical Ultrasound
<b>Graduate Attributes:</b>	The Postgraduate Certificate in Clinical Ultrasound selects students who have extensive prior knowledge of medicine, and the pathophysiology and treatment options relevant to the use of medical ultrasound. Following completion of the course, the graduates will have a diagnostic-level understanding for echocardiography including transoesophageal echocardiography. They will have acquired additional knowledge within their discipline, and will be familiar with methods of applying ultrasound related knowledge in their clinical practice. There will be a high consistency of knowledge between students within each craft group or discipline. Interactive tutorials and case reviews will allow students to articulate their knowledge and test the capability for independent critical thought. By the end of the course, there will be testing of interpretation and problem-solving skills.
<b>Professional Accreditation:</b>	None
<b>Generic Skills:</b>	Students will: <ul style="list-style-type: none"> <li># Enhance time utilisation</li> <li># Improve written skills and problem solving skill</li> </ul>
<b>Links to further information:</b>	<a href="http://www.heartweb.com.au/www/559/1001127/displayarticle/pgcert-dip-mast-in-clinical-ultrasound--1003064.html">http://www.heartweb.com.au/www/559/1001127/displayarticle/pgcert-dip-mast-in-clinical-ultrasound--1003064.html</a>