360-873 Applications of Echocardiography in PCCM

Credit Points:	12.500
Level:	Graduate/Postgraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus. Semester 2, - Taught on campus. Off campus
Time Commitment:	Contact Hours: n/a Total Time Commitment: It is estimated that distance education students will be required to spend approximately 120 hours through a combination of studying course materials, reading nominated texts, journal review, practice worksheets, assessment assignments, and in identifying and integrating the information within their clinical practice.
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry. It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability
Subject Overview:	This subject will examine the risks and benefits of echocardiography in perioperative medicine. The use of echocardiography within disciplines of perioperative medicine will be outlined in great detail. Uses in cardiac surgery, trauma, vascular surgery, other non-cardiac surgery, and in intensive care will be illustrated using a case scenario approach. The identification of the basic haemodynamic state, and hybrids of haemodynamic abnormality will be explored in great detail. Pericardial disease and assessment of tamponade will be included in the subject.
Assessment:	Open book multiple choice question exam 50 questions per subject (80%). Self assessment modules in the workbooks (20%). The University reserves the right to review these worksheets if there are any doubts about the authenticity of the students work, or to monitor student progress.
Prescribed Texts:	None
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	This subject encompasses particular generic skills. On completion of the subject, students should be able to: # Integrate knowledge from previous subjects and from scientific literature evaluation to identify and understand applications of echocardiography in clinical practice. # Improve their capacity to manage competing demands on time, and professional focus in clinical practice. How to manage the constraints of providing anaesthesia or specialised care to critically ill patients, yet at the same time providing advanced diagnostic information with echocardiography. # Improve "thinking skills" when considering new approaches haemodynamic evaluation in critically ill patients.

Links to further information:	http://www.pharmacology.unimelb.edu.au/echocourse/
Related Course(s):	Postgraduate Diploma in Perioperative and Critical Care Echocardiography