

360-871 Ventricular Systolic & Diastolic Function

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:	<p><p>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.</p> <p>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</p></p>
Subject Overview:	This subject will focus on the evaluation of both left and right ventricular function. Both qualitative and quantitative methods of evaluation will be taught. Evaluation of ventricular function will be divided into systolic and diastolic phases. The interaction between ventricular and vascular function will be explored. Pathophysiology of systolic and diastolic, and right ventricular function will be taught at both the microscopic and microscopic levels. The evaluation of ventricular function will be developed in context with the "basic haemodynamic state", and related to its application in perioperative medicine.
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:	<p>This subject encompasses particular generic skills. On completion of the subject, students should be able to:</p> <ul style="list-style-type: none"> # Critically evaluate scientific literature, especially in the relatively new specialist areas such as diastolic function. # Evolve new concepts of how to manage clinical problems based on the new knowledge obtained in the subject. # Improve written skills to describe specific pathophysiological cardiovascular abnormalities.

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