

PHRM90014 Anatomy for Echocardiography

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2011, Parkville This subject commences in the following study period/s: Semester 2, Parkville - 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:	Nil
Corequisites:	Nil
Recommended Background Knowledge:	Nil
Non Allowed Subjects:	Nil
Core Participation Requirements:	For the purposes of considering requests for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage 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: http://www.services.unimelb.edu.au/disability/
Contact:	Melbourne Consulting and Custom Programs Level 3, 442 Auburn Rd Hawthorn Phone: 9810 3300 Email: mccp.enquiries@mccp.unimelb.edu.au (mailto:mccp.enquiries@mccp.unimelb.edu.au)
Subject Overview:	This course is no longer taking new enrolments. The last intake into this program was Semester 2, 2009. This subject will cover the anatomy of the heart and related structures. It will cover both cardiac and intracardiac structures, the coronary circulation, and the thoracic aorta. The macroscopic anatomy will be further enhanced by learning structural anatomy in two-dimensional sections that correlate to echocardiography standard views. The influence of surrounding structures on the quality of echocardiography images will be explored. This subject will also define the comprehensive transoesophageal echocardiography examination. The focus will be on normal rather than abnormal anatomy. Normal variants that can present as artefacts will be described.
Objectives:	<ul style="list-style-type: none"> • Subject Objectives: <ul style="list-style-type: none"> o on completion of this subject, students should; o understand the macroscopic anatomy of the heart and great vessels o understand the relational anatomy of the heart to surrounding structures o identifying structures within defined two-dimensional slices that correspond to echocardiography views o understand the coronary circulation and its distribution to segments of the myocardium. o Learn the views and sequence of the standardised and transoesophageal echocardiography examination as defined by the Society of Cardiovascular Anesthesiologists. o Learn common anatomical variants that may present as artefacts
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:	o Sidebotham D, Merry A, Legget M. Practical perioperative transoesophageal echocardiography. Butterworth Heinemann. o George L and colleagues. West Mead anaesthetic department transoesophageal echocardiography training manual.
Recommended Texts:	o Other materials will be provided as a package of readings, PowerPoint presentations, case studies and assessment tasks
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: <ul style="list-style-type: none"> # Identify anatomical structures in a different format to that which would have been learnt from doing undergraduate courses. # Advance their professional expertise and knowledge in the defined area of the anatomy of the heart. # Apply anatomical knowledge to clinical practice.
Links to further information:	http://www.pharmacology.unimelb.edu.au/echocourse/
Related Course(s):	Postgraduate Diploma in Perioperative and Critical Care Echocardiography