

# RADI 7002 PRACTICE OF CARDIAC SONOGRAPHY 1

**Credit Points** 10

**Legacy Code** 401189

**Coordinator** Paul Stoodley ([https://directory.westernsydney.edu.au/search/name/Paul Stoodley/](https://directory.westernsydney.edu.au/search/name/Paul%20Stoodley/))

**Description** This subject introduces students to the practice of cardiac sonography. Students learn how to acquire and optimise images and to make basic measurements. They will learn how to draw conclusions from the images and measurements, and to write a basic report. The skills learnt in this subject, which includes work integrated learning, provides students with the foundational skills in cardiac sonography.

**School** Medicine

**Discipline** Radiography

**Student Contribution Band** HECS Band 2 10cp

**Level** Postgraduate Coursework Level 7 subject



**Co-requisite(s)** RADI 7006

**Assumed Knowledge**

Applicants for this program must have successfully completed an undergraduate degree in natural and physical sciences or health.

## Learning Outcomes

On successful completion of this subject, students should be able to:

1. Explain key operational aspects of cardiac ultrasound machines
2. Position and manipulate cardiac ultrasound transducers correctly
3. Acquire appropriately oriented echocardiographic images and demonstrate how to undertake specific measurements from four standard imaging ewindowsf
4. Interpret and draw conclusion from acquired images and their measurements
5. Communicate key findings in a written echocardiogram report

## Subject Content

1. Image acquisition and measurement
2. Ultrasound machine operation
3. Communication and professional practice

## Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Type	Length	Percent	Threshold	Individual/ Group Task
Case Study	8 pages of Q&A	25	Y	Individual
Quiz	90 minutes	25	N	Individual
Practical Exam	2 hours	50	Y	Individual

Log/Workbook	175 Cases + Quality & Reflective Tasks	0	Y	Individual
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Prescribed Texts

- Otto, C 2018. Textbook of Clinical Echocardiography 6th Ed. Saunders USA.

Teaching Periods

## Autumn (2022)

### Campbelltown

#### Day

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View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=RADI7002\\_22-AUT\\_CA\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=RADI7002_22-AUT_CA_D#subjects))

## Autumn (2023)

### Campbelltown

#### On-site

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