

# RADI 7004 PRACTICE OF CARDIAC SONOGRAPHY 3

**Credit Points** 10

**Legacy Code** 401191

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

**Description** This unit aims to further develop students' understanding of the essential aspects of working in a clinical environment and to consolidate their imaging skills. Students will learn to how to image a variety of lesions and diseases, including common adult congenital heart defects, systemic diseases that affect the heart, pericardial and pulmonary diseases and cardiac masses. Considerable time will be spent in the clinical environment refining imaging techniques, and students will prepare an evaluation of their imaging skills. .

**School Medicine**

**Discipline** Radiography

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

**Level** Postgraduate Coursework Level 7 subject

**Pre-requisite(s)** RADI 7003

**Co-requisite(s)** RADI 7008

## Learning Outcomes

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

1. Acquire images and execute relevant measurements of specific systemic and common congenital heart lesions
2. Interpret and draw conclusions from acquired images and measurements
3. Communicate findings in a written report
4. Reflect on echocardiography practice and plan for professional development

## Subject Content

1. Image acquisition and measurement
  - imaging patients with congenital heart disease
  - imaging diseases in and outside The heart
  - imaging The right side of The heart
2. Communication
  - writing reports for patients with congenital heart disease and Reporting uncommon findings
3. Professional practice and development
  - reflecting on The Complexity and ethics of echocardiography practice
  - Preparing An action plan for professional development

## 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.

Item	Length	Percent	Threshold	Individual/ Group Task
Case Study	8 pages of Q&A	25	N	Individual

Reflection	16 images with descriptive text.	25	N	Individual
Practical Exam	Full scan with indication and report	50	Y	Individual
Log/ Workbook	Details of 780 cases (cumulative total) with images (from 5 cases)	S/U	Y	Individual

Teaching Periods

## Autumn Campbelltown Day

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

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=RADI7004\\_22-AUT\\_CA\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=RADI7004_22-AUT_CA_D#subjects))