

RADI 7004 PRACTICE OF CARDIAC SONOGRAPHY 3

Credit Points 10

Legacy Code 401191

Coordinator Kenny Ng ([https://directory.westernsydney.edu.au/search/name/Kenny Ng/](https://directory.westernsydney.edu.au/search/name/Kenny%20Ng/))

Description This subject 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

Check your fees via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Postgraduate Coursework Level 7 subject

Pre-requisite(s) RADI 7003

Co-requisite(s) RADI 6002

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.

Type	Length	Percent	Threshold	Individual/ Group Task	Mandatory
Case Study	8 pages of Q&A	25	N	Individual	Y
Reflection	16 images with descriptive text.	25	N	Individual	Y
Practical Exam	Full scan with indication and report	50	Y	Individual	N
Log/Workbook	400 Cases + Quality and Reflective Activities	S/U	Y	Individual	Y

Teaching Periods

Autumn (2025)

Campbelltown

On-site

Subject Contact Kenny Ng ([https://directory.westernsydney.edu.au/search/name/Kenny Ng/](https://directory.westernsydney.edu.au/search/name/Kenny%20Ng/))

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=RADI7004_25-AUT_CA_1#subjects)