



# ECHO12005 Cardiac Clinical Unit 2

## Term 3 - 2020

Profile information current as at 05/07/2022 05:20 pm

All details in this unit profile for ECHO12005 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

## General Information

### Overview

This clinical unit will provide opportunities to apply and integrate both theoretical and practical knowledge, skills and professional behaviours in the clinical environment. In addition to the consolidation of skills in electrophysiological assessment, you will be exposed to a range of cardiovascular assessment techniques, including echocardiography. Using clinical cases you will analyse and reflect upon the information provided to produce provisional differential diagnoses and patient management plans within an ethical framework of best practice and patient safety. Behavioural aspects of professional practice are emphasised and you are expected to reflect on your own performance and exhibit the highest level of safe patient care. Critical appraisal of performance will enable you to advance your professional, technical and analytical skills in a work setting under qualified supervision.

### Details

Career Level: *Undergraduate*

Unit Level: *Level 2*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

### Pre-requisites or Co-requisites

Pre-requisites: ECHO12003 Principles of Cardiac Assessment and ECHO12004 Cardiac Assessment Skills 1 Both ECHO12003 Principles of Cardiac Assessment and ECHO12004 Cardiac Assessment Skills 1 must have been successfully completed within the last twelve months. Should this time limit have elapsed the student must successfully complete one (or more) technical skill, professional behaviour and diagnostic knowledge-based assessment(s) (after completion of technical skill / knowledge revision). Details of this will be articulated in a learning contract created by the Head of Course or designate.

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the [Assessment Policy and Procedure \(Higher Education Coursework\)](#).

### Offerings For Term 3 - 2020

- Mixed Mode

### Attendance Requirements

All on-campus students are expected to attend scheduled classes – in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

### Website

[This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.](#)

## Class and Assessment Overview

### Recommended Student Time Commitment

Each 6-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

### Class Timetable

#### [Regional Campuses](#)

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

#### [Metropolitan Campuses](#)

Adelaide, Brisbane, Melbourne, Perth, Sydney

### Assessment Overview

#### 1. **Performance**

Weighting: Pass/Fail

#### 2. **Case Study**

Weighting: Pass/Fail

#### 3. **Portfolio**

Weighting: Pass/Fail

#### 4. **Practical Assessment**

Weighting: Pass/Fail

#### 5. **Learning logs / diaries / Journal / log books**

Weighting: Pass/Fail

#### 6. **Professional Practice Placement**

Weighting: Pass/Fail

### Assessment Grading

This is a pass/fail (non-graded) unit. To pass the unit, you must pass all of the individual assessment tasks shown in the table above.

## CQUniversity Policies

**All University policies are available on the [CQUniversity Policy site](#).**

You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure – Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure – International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback – Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the [CQUniversity Policy site](#).

## Previous Student Feedback

### Feedback, Recommendations and Responses

Every unit is reviewed for enhancement each year. At the most recent review, the following staff and student feedback items were identified and recommendations were made.

#### Feedback from Feedback from student and supervisor.

##### Feedback

Some clinical supervisors reported that they were unclear on placement expectations or student practical competencies.

##### Recommendation

Formal pre-placement supervisor correspondence regarding placement objectives and practical competencies will continue to be improved.

#### Feedback from Feedback from student

##### Feedback

Some students did not follow marking rubric guidance. Others found expectations surrounding assessment referencing challenging.

##### Recommendation

Assessment task descriptors and associated resources will be reviewed to include more guidance.

## Unit Learning Outcomes

### On successful completion of this unit, you will be able to:

1. Perform electrophysiological and echocardiographic assessment on the cardiovascular system
2. Analyse and communicate the outcomes of cardiac assessment including consideration of quality assurance
3. Apply professional behaviour consistent with safe practice
4. Analyse, and critically reflect upon, clinical cases involving various cardiac assessment techniques.
5. Attend clinical placement as per external accreditation requirements (Australian Sonographer Accreditation Registry)

Linked to National and International Standards

1. ASAR Accreditation Standards for Cardiac Sonography - critical practice Unit 8 - Cardiac, Foundation units of competence - 1 - 5.
2. European Association of Cardiovascular Imaging Core Syllabus
3. American Registry for Cardiac Sonography Core Syllabus

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
1 - Portfolio - 0%		•		•	
2 - Practical Assessment - 0%	•	•			
3 - Performance - 0%			•		

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
4 - Learning logs / diaries / Journal / log books - 0%	•				
5 - Case Study - 0%				•	
6 - Professional Practice Placement - 0%					•

### Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes				
	1	2	3	4	5
1 - Communication	•	•	•	•	•
2 - Problem Solving	•	•	•	•	
3 - Critical Thinking	•	•	•	•	
4 - Information Literacy	•	•	•	•	
5 - Team Work		•	•		•
6 - Information Technology Competence	•	•	•	•	
7 - Cross Cultural Competence	•	•	•	•	
8 - Ethical practice	•	•	•	•	•
9 - Social Innovation				•	
10 - Aboriginal and Torres Strait Islander Cultures					

### Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - Portfolio - 0%	•	•	•	•	•	•	•	•		
2 - Practical Assessment - 0%	•	•	•	•	•	•	•	•		
3 - Performance - 0%	•	•	•	•	•	•	•	•		
4 - Learning logs / diaries / Journal / log books - 0%	•	•	•	•		•	•	•		
5 - Case Study - 0%	•	•	•	•		•	•	•	•	
6 - Professional Practice Placement - 0%	•				•			•		

## Textbooks and Resources

### Textbooks

ECHO12005

#### Supplementary

##### **Echocardiography: The Normal Examination and Echocardiographic Measurements**

Edition: 3rd (2016)

Authors: Bonita Anderson

Echotext Pty Ltd

Brisbane , QLD , Australia

ISBN: 9780992322212

Binding: Hardcover

ECHO12005

#### Supplementary

##### **Huszar's ECG and 12-Lead Interpretation**

Edition: 5th (2017)

Authors: Huszar, Robert J., Wesley, Keith.

Elsevier

St. Louis , Missouri , United States

ISBN: 9780323355759

Binding: eBook

#### Additional Textbook Information

This text book is available through the university library.

### IT Resources

#### You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)

## Referencing Style

All submissions for this unit must use the referencing style: [Vancouver](#)

For further information, see the Assessment Tasks.

## Teaching Contacts

**Paula Boucaut** Unit Coordinator

[p.boucaut@cqu.edu.au](mailto:p.boucaut@cqu.edu.au)

## Schedule

### Preparation for Clinical Placement - 09 Nov 2020

Module/Topic	Chapter	Events and Submissions/Topic
<p>Content themes will be grouped, and presented in a modularised format on the Moodle site.</p>	<p>See eReading list.</p>	<p><b>Once practicum blocks are commenced, the following assessment submission due dates will apply:</b></p> <p><i>Note:</i></p> <ul style="list-style-type: none"><li>• <i>Submission dates will be specific to each student based on their individual practicum commencement date.</i></li><li>• <i>These assessments will be awarded a practicum outstanding (PO), until they are completed.</i></li></ul> <p><b>Echocardiographic Practical</b> ARC tool must be submitted by Monday 5.00 pm AEST, following completion of week 1 of the clinical placement block.</p> <p><b>Clinical Case Logbook</b> must be submitted by Monday 5.00pm AEST, following completion of week 2 of the clinical placement block.</p> <p><b>Clinical Attendance Logbook</b> must be submitted by Monday 5.00pm AEST, following completion of week 2 of the clinical placement block.</p> <p><b>The remaining assessments will be completed prior to clinical practicum block:</b></p> <p><i>Note:</i></p> <ul style="list-style-type: none"><li>• <i>These assessments have submission dates in line with the published 2020 Term 3 academic calendar.</i></li></ul> <p><b>Standard 12-Lead ECG Performance</b> Due: Week 4 Tuesday (1 Dec 2020) 8:00 pm AEST</p> <p><b>Reflective Case Study</b> Due: Week 7 Friday (8 Jan 2021) 8:00 pm AEST</p> <p><b>ECG Portfolio</b> Due: Week 9 Friday (22 Jan 2021) 8:00 pm AEST</p>

## Term Specific Information

**The placement block attached to this unit will not occur in Term 3, 2020 due to government COVID-19 travel and social isolation restrictions at the time of preparing this unit profile.**

- **The clinical practicum requirement has been amended, with preservation of the 2-week dedicated echocardiography component.**
- **The 2-week clinical placement block will be awarded a practicum outstanding (PO).**
- **The placement requirements will be completed in conjunction with clinical placement unit 'ECHO13007 Cardiac Clinical Placement 3'.**

**Students will still be able to achieve all ECHO12005 unit learning outcomes.**

This unit will focus on the adaptation of discipline-specific cardiac theoretical and practical skills from simulation to the clinical environment. This placement is the first clinical practicum associated with the CV69 course.

### **Delivery Information:**

The coordinator for ECHO12005 Cardiac Clinical Unit 2 is Paula Boucaut. The most efficient and preferred method of contacting Paula is via the Q&A forum located on the unit Moodle site. If your query is of a personal nature, please contact Paula directly via email (p.boucaut@cqu.edu.au) or phone (07 3023 4108). Multiple academic staff will be providing presentations and hosting tutorials as part of this unit's delivery. Contact details for other academic staff can be found on the Moodle site.

This year 2 clinical unit builds on cardiac assessment techniques, including echocardiography and ECG performance skills, knowledge and attributes developed during year 1 and 2 of the Bachelor of Echocardiography and Cardiac Physiology.

Zoom tutorial times and meeting IDs will be posted on the unit Moodle site. Whilst attendance is strongly encouraged, tutorials will be recorded and subsequently posted to Moodle for review by those who cannot attend.

There are no prescribed recommended reading texts for this unit. Instead, a variety of supplementary reading resources and journal articles will be detailed in the eReading list.

This is a PASS/FAIL non-graded unit. All coursework must be submitted by the published assessment due dates. If you are experiencing difficulty meeting unit assessment requirements please urgently contact the unit coordinator or request an extension via the Moodle site with supporting documentation. All assessment tasks must be successfully completed to pass the unit overall.

Postponed clinical placement details will be advised in association with notification of ECHO13007 arrangements by the work integrated learning (WIL) team during 2021. Some clinical practicum blocks will have start and/or end dates that fall outside standard term start and end dates. As placements may be located throughout Australia and/or New Zealand, and availability is limited in each community, students may be allocated to clinical sites that are not of their choosing. 100% attendance is required when undertaking clinical placement. Individual clinical practicum start/end dates will vary for each student due to site availability and/or adjustments due to approved student extenuating circumstances.

**Students must prepare financially and personally to relocate for placements, and are responsible for the associated costs.**

## Assessment Tasks

### 1 Standard 12-Lead ECG Performance

#### **Assessment Type**

Performance

#### **Task Description**

The Electrocardiogram (ECG) is an important non-invasive test used for interpretation of the cardiac rhythm, conduction system abnormalities, and the detection of myocardial ischaemia.

The objective of this assessment task is to demonstrate competency in independently performing a 12-Lead ECG in line

with safe practice principles.

### **Assessment Due Date**

Week 4 Tuesday (1 Dec 2020) 8:00 pm AEST

Practical testing will be scheduled on Monday the 30th of November and Tuesday the 1st of December. A google doc link will be made available on the Moodle site for individual test bookings. Students are responsible for booking their assessment. Students must complete practical assessment on campus of enrolment.

### **Return Date to Students**

General feedback will be made available once submissions have been moderated and certified by the University. Students who FAIL assessment will be provided with additional individual feedback.

### **Weighting**

Pass/Fail

### **Minimum mark or grade**

To PASS, a student must demonstrate an 'advanced beginner level' of practical competency, as defined on the Standard 12-Lead ECG Performance ARC tool.

### **Assessment Criteria**

You will be assessed using the Standard 12-Lead ECG 'Assessment of Readiness for Clinical' (ARC) tool. You will be required to demonstrate an 'advanced beginner level' of practical competency.

- Each item in the ARC tool in BOLD must be passed, and an overall mark of >11.5/18 must be achieved to PASS this assessment task overall.
- This practical assessment must be completed within the set time frame given (20 minutes).
- The performance of ECG will be video recorded for moderation purposes.

The ARC tool is available on the unit Moodle site.

You will be assessed on correct ECG performance technique including:

- appropriate skin preparation
- correct rib palpation and anatomical landmark identification
- correct lead placement
- correct leads attached to correct electrodes
- ECG recorded at 25 mm/s with appropriate gain and calibration
- generation of artefact free ECG trace
- application of basic troubleshooting if required
- appropriate hygienic practice
- maintenance of patient comfort and modesty

Should a student FAIL this assessment, only one re-attempt will be permitted. Students that fail the first attempt at this assessment, should discuss their strategy for performance improvement with both their assessor and Unit Coordinator.

Practical re-sits will be scheduled between Monday the 7th and Wednesday the 9th of December 2020. Impacted students will be individually advised of scheduling.

**All students are required to make themselves available to act as a patient model for peer assessment if requested by the Unit Coordinator. This includes the test, and re-sit test.**

- Students are advised to refer to the 'Assessment Policy and Procedure (Higher Education Coursework) document for additional university guidelines regarding assessments.

### **Referencing Style**

- [Vancouver](#)

### **Submission**

Online

### **Submission Instructions**

Standard 12-Lead ECG Performance ARC tool must be completed at the time of practical assessment by the clinical supervisor. Completed ARC tool must be submitted online via the Moodle assessment tab.



## Learning Outcomes Assessed

- Apply professional behaviour consistent with safe practice

## Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

## 2 Reflective Case Study

### Assessment Type

Case Study

### Task Description

It is important for students to observe and learn from the professional behaviour of others, to enable the provision of a positive and safe patient experience.

Many requirements and challenges must be met or overcome, before a sonographer can commence an ultrasound examination. These considerations include but are not limited to patient consent, examination explanation, patient positioning, minimisation of injury or infection risk to staff and patients alike, and the provision of patient empathy and support as necessitated.

This assessment requires you consider a hypothetical clinical interaction between a hospital patient and a cardiac sonographer. The clinical interaction is presented as a short vignette available on the unit Moodle site.

In response to the clinical scenario presented, you are required to formulate a written reflection. Your reflection must:

- identify key professional behavioural and patient care issues demonstrated in vignette
- comment on the importance of professional patient-staff interactions and infection control measures, identifying plausible consequences or outcomes
- suggest alternative professional behavioural and patient care strategies that may be employed by sonographer to accommodate varied patient requirements

This assessment is to be undertaken as an individual. As with all other university assessments, colluding with other students on non-group work tasks is considered academic misconduct, and may lead to action being taken by the Deputy Dean of Learning and Teaching HMAS.

- Students are advised to refer to the 'Assessment Policy and Procedure (Higher Education Coursework) document for additional university guidelines regarding assessments.

### Assessment Due Date

Week 7 Friday (8 Jan 2021) 8:00 pm AEST

### Return Date to Students

General feedback will be made available once submissions have been moderated and certified by the University. Students who FAIL assessment will be provided with additional individual feedback.

### Weighting

Pass/Fail

### Assessment Criteria

Essay length: 800 words (+/- 10%).

You will be assessed on your ability to:

- produce a reflective essay that is well written and logical, with accurate spelling, grammar and Vancouver referencing (if required)
- critique appropriateness of demonstrated sonographer behaviour
- identify individual patient requirements

- propose professional behavioural adaptations that could improve patient care and experience, whilst facilitating procedure performance.

A detailed marking rubric can be found on the unit Moodle site. All marking rubric criteria must be achieved, to be awarded a PASS overall.

- In the absence of an approved extension, given there is no opportunity to apply a late penalty, any submission that is late will be awarded a FAIL.
- In the event that a student does not achieve a PASS, students will be given ONE opportunity to resubmit reflective case study following feedback provision.
- Following feedback provision, reflective case study re-submission will be required within 7 days.

### **Referencing Style**

- [Vancouver](#)

### **Submission**

Online

### **Submission Instructions**

Submit through Moodle. Written submission must be in 'word' format. Submission requires a title page which includes your name, student number, unit code, and document word count.

### **Learning Outcomes Assessed**

- Analyse, and critically reflect upon, clinical cases involving various cardiac assessment techniques.

### **Graduate Attributes**

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice
- Social Innovation

## **3 ECG Portfolio**

### **Assessment Type**

Portfolio

### **Task Description**

Comprehensive analysis and interpretation of a standard 12-Lead electrocardiogram can provide vital information about the nature and location of heart disease. An echocardiographer can refine and/or extend their ultrasound examination as appropriate, by considering the prognostic data presented in an electrocardiogram.

The objective of this assessment task is to reinforce the framework for a systematic analysis of an adult 12-Lead ECG, consolidating previous knowledge and further improving clinical interpretation skills.

- You will be required to analyse a portfolio of 20 standard 12-Lead ECG tracings, applying the step-wise method of interpretation.
- A summative overall ECG interpretation must be generated for each ECG tracing.
- Any workings required to formulate interpretation should be documented and provided as justification for final interpretation.
- An ECG interpretation template for collation of 'overall ECG Interpretation and associated workings' is available on the Moodle site. This template format should be adopted for each ECG interpreted.

This assessment is to be undertaken as an individual. As with all other university assessments, colluding with other students on non-group work tasks is considered academic misconduct, and may lead to action being taken the Deputy Dean of Learning and Teaching HMAS.

In the absence of an approved extension, given there is no opportunity to apply a late penalty, any submission that is late will be awarded a FAIL.

- Students are advised to refer to the 'Assessment Policy and Procedure (Higher Education Coursework) document for additional university guidelines regarding assessments.

**Assessment Due Date**

Week 9 Friday (22 Jan 2021) 8:00 pm AEST

**Return Date to Students**

Results and feedback will be made available once submissions have been marked, moderated and certified by the University.

**Weighting**

Pass/Fail

**Minimum mark or grade**

To PASS this assessment task overall, a minimum of 13 out of 20 ECGs (65% of tracings) must demonstrate 'advanced beginner' level of interpretation competency.

**Assessment Criteria**

You will be assessed on your ability to:

- Determine cardiac rhythm, rate, and axis
- Identify common abnormalities in the ECG complex
- Identify common arrhythmia(s)
- Utilise correct terminology in interpreting ECG waveforms, segments, intervals, and associated anomalies
- Summate findings, providing an overall impression of the presented ECG recording

Abnormal findings should be justified, with comparison to normative reference ranges where appropriate.

You will be required to use Vancouver style referencing for quoted normative values.

A detailed marking rubric can be found on the unit Moodle site.

For each ECG, an 'advanced beginner' level of interpretation is deemed to have been demonstrated, if the 'overall impression of ECG' check box is 'ticked' confirming appropriateness of descriptor, in conjunction with at least 6 criteria boxes on the marking rubric.

- In the absence of an approved extension, given there is no opportunity to apply a late penalty, any submission that is late will be awarded a FAIL.
- In the event that a student does not achieve a PASS, students will only be given ONE opportunity to revise and resubmit the ECG portfolio, following feedback provision.
- Following feedback provision, ECG portfolio re-submission will be required within 7 days.

**Referencing Style**

- [Vancouver](#)

**Submission**

Online

**Submission Instructions**

Submission of portfolio is online via the Moodle assessment tab.

**Learning Outcomes Assessed**

- Analyse and communicate the outcomes of cardiac assessment including consideration of quality assurance
- Analyse, and critically reflect upon, clinical cases involving various cardiac assessment techniques.

**Graduate Attributes**

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

## 4 Echocardiographic Practical

### Assessment Type

Practical Assessment

### Task Description

In preparation for clinical placement, simulation scanning laboratories offer a safe environment where students can learn and practice, without the pressure of real-world performance.

This assessment task will evaluate your adaptation of practical simulation scanning skills and safe practice to clinical practice.

**This practical assessment must be attempted during the first week of clinical placement block.**

### This practical assessment requires:

1. Demonstration of safe practice including hand hygiene and scanning ergonomics.
2. Acquisition of standard imaging windows with correct:
  - probe manipulation
  - image plane identification
  - identification of key anatomical landmarks

Students are encouraged to:

- Discuss the best time to complete this assessment with their clinical supervisor, to ensure minimal departmental disruption and sufficient time for task completion.
- Seek detailed feedback from their supervisor post assessment to enable identification of areas requiring improvement.

Should a student FAIL this assessment, only one re-attempt will be permitted.

- Students that fail the first attempt at this assessment, should discuss their strategy for performance improvement with both their assessor and Unit Coordinator.

**Practical re-sits are to be performed within 1 week of the first attempt, and prior to the completion of week two of the clinical placement block.**

### Assessment Due Date

Echocardiographic Practical ARC tool must be submitted by Monday 5.00 pm AEST, following completion of week 1 of the clinical placement block.

### Return Date to Students

Clinical supervisors will provide direct feedback following practical assessment through both verbal conversation and return of the completed marking sheet. Any students who fail the first attempt will be provided additional counsel by the unit coordinator prior to reattempt.

### Weighting

Pass/Fail

### Minimum mark or grade

To PASS this assessment task overall, all ARC tool action criteria boxes must be ticked achieved.

### Assessment Criteria

Students will be assessed using the Echocardiographic Practical Assessment 'Assessment of Readiness for Clinical' (ARC) tool. The ARC tool can be found on the unit Moodle site.

Students will be required to demonstrate professional behaviour consistent with safe practice including:

- performance of appropriate hand hygiene
- application of knowledge of infection control practices at the patient bedside
- implementation of ergonomic adjustments during routine clinical scanning

Under clinical supervisor instruction, students will be required to demonstrate basic knowledge of ultrasound scanning and window acquisition including:

- obtaining on-axis orthogonal views
- identifying sector orientation
- manipulating the transducer
- using appropriate terminology

In the absence of an approved extension, given there is no opportunity to apply a late penalty, any submission that is late will be awarded a FAIL.

- Students are advised to refer to the 'Assessment Policy and Procedure (Higher Education Coursework) document for additional university guidelines regarding assessments.

### **Referencing Style**

- [Vancouver](#)

### **Submission**

Online

### **Submission Instructions**

The Echocardiographic Practical ARC tool must be completed at the time of assessment by the clinical supervisor. Completed ARC tools must be submitted online via the Moodle assessment tab.

### **Learning Outcomes Assessed**

- Perform electrophysiological and echocardiographic assessment on the cardiovascular system
- Analyse and communicate the outcomes of cardiac assessment including consideration of quality assurance

### **Graduate Attributes**

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

## **5 Clinical Case Logbook**

### **Assessment Type**

Learning logs / diaries / Journal / log books

### **Task Description**

The Clinical Case Logbook is a document designed to track clinical experience.

- This logbook documents all observed, partially or fully completed echocardiography cases that a student is exposed to during clinical placement.
- The Clinical Case Logbook will also incorporate details of case exposure obtained during any hours of attendance submitted from 'outside of clinical placement'.

Maintenance of a Clinical Case Log Book helps to ensure that:

- an acceptable volume of clinical work is achieved
- exposure to a reasonable case variety is achieved
- key practical skills are developing

The Clinical Case Logbook must incorporate the following data:

1. Cover page(s) which present two tables summing the weekly cumulative case volume under descriptive headings. Summative tally is based on the actual scan findings, NOT the referral indications.
2. The date of each examination.
3. Allocation of a unique identifier for each patient to ensure anonymity.
4. Referral indications

5. Type of echocardiogram performed (i.e. Adult, Paediatric, Stress/Dobutamine, TOE)
6. Student level of scan participation (Observed, partially, or fully completed examination)
7. Case Findings

Any students whose clinical placement dates have been negotiated to extend beyond two weeks (due to a part-time arrangement) will be eligible to apply for an extension to the Unit Coordinator.

### **Assessment Due Date**

Clinical Case Logbook must be submitted by Monday 5.00pm AEST, following completion of the two week clinical placement block.

### **Return Date to Students**

Feedback will be provided within two weeks of submission.

### **Weighting**

Pass/Fail

### **Assessment Criteria**

The Clinical Case Logbook serves as a record of the depth and breadth of experience you attained during the placement. It is recommended that students analyse this record at regular intervals to assist in the formulation of learning goals that will support the achievement of unit outcomes.

- During this clinical placement block, it is recommended that a student observe, partially or fully complete a minimum of 40 echocardiograms (minimum of 4 echocardiograms per day).
- The Logbook must be signed by the Clinical Supervisor or echocardiographer delegated by the Clinical Supervisor, or appropriately qualified medical practitioner.

In order to achieve an overall grade of PASS in this assessment task, students must:

1. Accurately record all studies in the Clinical Case Log Book.
2. Ensure the documentation is complete.
3. Submit the requested documentation via the unit Moodle site by the published due date.

Given there is no opportunity to apply a late penalty, any submission that is late without an approved extension will be awarded a FAIL.

- Students are advised to refer to the 'Assessment Policy and Procedure (Higher Education Coursework) document for additional university guidelines regarding assessments.

### **Referencing Style**

- [Vancouver](#)

### **Submission**

Online

### **Submission Instructions**

Online via Moodle assessment tab.

### **Learning Outcomes Assessed**

- Perform electrophysiological and echocardiographic assessment on the cardiovascular system

### **Graduate Attributes**

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

## 6 Clinical Attendance Logbook

### Assessment Type

Professional Practice Placement

### Task Description

To PASS this assessment task, students must achieve a minimum of 80 hours (2 weeks x 40 hours) of direct echocardiography observance/participation approved by an ASAR registered Clinical Supervisor or appropriately qualified medical practitioner.

**All hours worked must be entered into the Clinical Attendance Log Book. This form must be signed by the Clinical Supervisor, or a sonographer delegated this task by the Clinical Supervisor.**

- The Clinical Attendance Log Book form is available on the Moodle site.
- Students are advised to print this form and read it carefully so they understand the criteria against which their clinical attendance will be evaluated.

### Leave arrangements:

Students must not organise holidays, recreational leave or personal appointments during clinical placement periods.

- Students are to notify the clinical placement site prior to their scheduled start time if they will be late arriving to the clinical placement site for any individual day throughout the clinical placement.
- Students who are absent from clinical placement due to sickness must phone their Clinical Supervisor and email their Unit Coordinator prior to their scheduled start time for that day.

For all absences, students must provide the Clinical Supervisor and Unit Coordinator with a medical certificate or statutory declaration. Any clinical placement hours lost to sickness must be made up.

### Injury:

Students who are absent from clinical placement due to injury must phone their Clinical Supervisor and email their Unit Coordinator prior to their scheduled start time for that day.

- Any injury that occurs while on placement must be reported immediately to your Clinical Supervisor and Unit Coordinator.
- Medical clearance may be required before returning to placement.
- For more information on this, including fitness to practice, please refer to the Clinical Placement Attendance Guidelines on the unit Moodle site.

Any clinical placement hours missed due to injury must be made up.

### Public holidays/university vacation periods:

Public holidays recognised by CQUniversity are outlined on the academic calendar.

- When a public holiday falls during a clinical placement block, public holiday dates can be entered as 8 hours for each day into the Attendance Log Book and hours are not required to be made up.
- If a designated University student vacation period coincides with the clinical placement period, students are expected to attend during this time.
- Students are advised that attendance at clinical placement takes precedence over any personal work commitments as related to absenteeism.

Any days absent from the clinical site must be appropriately documented.

### Placement hours

Students are required to attend placement as per the daily hours set by the Clinical Supervisor. As students are experiencing the 'real' work life of an Echocardiographer, they may be required to work outside of a nine to five, Monday to Friday roster and at travel to various site locations. Once students have completed the minimum number of hours they are required to continue attending placement until the placement's prescribed finish date unless an alteration to the standard placement block has been approved by the Head of Course and the Clinical Supervisor.

Students are advised to refer to the '**Bachelor of Echocardiographic and Cardiac Physiology / Graduate Diploma of Echocardiography - Clinical Placement Attendance Guidelines**' document for additional information. This document is available through the Work Integrated Learning - Sonia Online site, and the ECHO12005 Moodle site.

### **Outside of Clinical Placement hours**

**Outside of hours placement may only be used in the event of sickness or injury and may not be utilised for personal leave requests.**

- Students are permitted to supplement up to 25% of required unit hours from outside of clinical placement.
- These hours must be documented within three (3) months prior to unit enrolment for approval by the Unit Coordinator.
- Supplementary hours outside of clinical placement must be verified (signed) by an ASAR accredited sonographer or appropriately qualified medical practitioner.
- Details of either the student's insurance, or employment, must be entered onto the outside clinical placement attendance form.

At the end of the scheduled 2 weeks of placement, if a student has not met the 100% attendance requirement AND does not have documented justifiable grounds for any absence, they will score a 'FAIL' for this assessment task.

If there are documented justifiable grounds for absenteeism, the student will be provided additional scheduled time to make up the time they have missed. (This scheduled make-up time may not immediately follow the scheduled 2 week placement, and/or may not be at the same placement site, depending on clinical availability).

### **Assessment Due Date**

Clinical Attendance Logbook must be submitted by Monday 5.00pm AEST, following completion of the two week clinical placement block.

### **Return Date to Students**

Feedback will be given within 2 weeks of submission.

### **Weighting**

Pass/Fail

### **Assessment Criteria**

In order to achieve an overall grade of 'PASS' in this assessment task, a student must:

1. Meet the minimum number of hours required on the attendance form.
2. Ensure the documentation is complete.
3. Submit the requested documentation via the unit Moodle site by the published due date.

Given there is no opportunity to apply a late penalty, any submission that is late without an approved extension will be awarded a FAIL.

- Students are advised to refer to the 'Assessment Policy and Procedure (Higher Education Coursework) document for additional university guidelines regarding assessments.

### **Referencing Style**

- [Vancouver](#)

### **Submission**

Online

### **Submission Instructions**

Online via Moodle assessment tab.

### **Learning Outcomes Assessed**

- Attend clinical placement as per external accreditation requirements (Australian Sonographer Accreditation Registry)

### **Graduate Attributes**

- Communication
- Team Work



- Ethical practice

## Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the [Student Academic Integrity Policy and Procedure](#). This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

### What is a breach of academic integrity?

A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

### Why is academic integrity important?

A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

### Where can I get assistance?

For academic advice and guidance, the [Academic Learning Centre \(ALC\)](#) can support you in becoming confident in completing assessments with integrity and of high standard.

### What can you do to act with integrity?



#### Be Honest

If your assessment task is done by someone else, it would be dishonest of you to claim it as your own



#### Seek Help

If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)



#### Produce Original Work

Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem