



# ECHO13007 Cardiac Clinical Unit 3

## Term 2 - 2018

Profile information current as at 07/05/2024 12:09 pm

All details in this unit profile for ECHO13007 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, independently and under the supervision of qualified professionals. You will consolidate skills in cardiovascular assessment using echocardiography. You will then apply your knowledge to the analysis of the outcomes of cardiac assessment. Analysis of clinical case studies will enable you to provide differential diagnoses, patient management plans and reflection on practice 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 3*

Credit Points: *18*

Student Contribution Band: *8*

Fraction of Full-Time Student Load: *0.375*

### Pre-requisites or Co-requisites

Prerequisite ECHO13006 AND ECHO13002 AND ECHO12005 ECHO13006 AND ECHO13002 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 2 - 2018

- Mixed Mode
- Sydney

### 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 18-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 37.5 hours of study per week, making a total of 450 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. **Practical Assessment**

Weighting: Pass/Fail

#### 2. **Professional Practice Placement**

Weighting: Pass/Fail

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

Weighting: Pass/Fail

#### 4. **Case Study**

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](#).

## Unit Learning Outcomes

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

1. Perform echocardiographic assessment in the clinical context under supervision
2. Accurately communicate the outcomes of cardiac assessment including consideration of quality assurance
3. Apply professional behaviour consistent with safe practice
4. Analyse, and critically reflect on, clinical cases involving various cardiac assessment techniques.

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

### Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	2	3	4
1 - Communication	•	•	•	•
2 - Problem Solving	•	•	•	•
3 - Critical Thinking	•	•	•	•
4 - Information Literacy	•	•	•	•
5 - Team Work			•	•
6 - Information Technology Competence	•	•	•	•
7 - Cross Cultural Competence	•	•	•	•

Graduate Attributes	Learning Outcomes			
	1	2	3	4
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 - Practical Assessment - 0%	•	•	•	•		•	•	•		
2 - Professional Practice Placement - 0%	•				•			•		
3 - Learning logs / diaries / Journal / log books - 0%	•					•				
4 - Case Study - 0%	•	•	•	•		•	•	•		

## Textbooks and Resources

### Textbooks

There are no required textbooks.

### IT Resources

You will need access to the following IT resources:

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

## Referencing Style

All submissions for this unit must use the referencing style: [Vancouver](#)  
For further information, see the Assessment Tasks.

## Teaching Contacts

**Laurel McDaniel** Unit Coordinator  
[l.mcdaniel@cqu.edu.au](mailto:l.mcdaniel@cqu.edu.au)

## Schedule

**Week 1 - 09 Jul 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Clinical placement from 9th July to 26th October 2018. OR as otherwise agreed with the unit coordinator/ Head of Course.		Please refer to the unit Moodle site for detailed assessment due dates and tutorial information, as this clinical unit occurs outside of standard University term dates.
Please follow the weekly schedule according to your start and finish date.		This unit consists of a sixteen (16) week clinical placement, to a minimum of 640 hours (16 x 40 hours).

**Zoom Tutorial**

**Week 2 - 16 Jul 2018**

Module/Topic	Chapter	Events and Submissions/Topic
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**Week 3 - 23 Jul 2018**

Module/Topic	Chapter	Events and Submissions/Topic
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**Zoom Tutorial**

**Week 4 - 30 Jul 2018**

Module/Topic	Chapter	Events and Submissions/Topic
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**Week 5 - 06 Aug 2018**

Module/Topic	Chapter	Events and Submissions/Topic
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**Zoom Tutorial**

**Week 6 - 13 Aug 2018**

Module/Topic	Chapter	Events and Submissions/Topic
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**Week 7 - 20 Aug 2018**

Module/Topic	Chapter	Events and Submissions/Topic
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**Zoom Tutorial**

**Week 8 - 27 Aug 2018**

Module/Topic	Chapter	Events and Submissions/Topic
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**Students to have their Clinical Supervisor perform their mid-placement GAPA (Global Assessment of Professional Attributes). Submission online via unit Moodle.**

**Week 9 - 03 Sep 2018**

Module/Topic	Chapter	Events and Submissions/Topic
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**Students to submit their mid-placement GAPA by the Monday of Week 9 at 4pm AEST.**

**Zoom Tutorial**

**Week 10 - 10 Sep 2018**

Module/Topic	Chapter	Events and Submissions/Topic
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**Week 11 - 17 Sep 2018**

Module/Topic	Chapter	Events and Submissions/Topic
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**Zoom Tutorial**

**Week 12 - 24 Sep 2018**

Module/Topic	Chapter	Events and Submissions/Topic
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**Week 13 - 01 Oct 2018**

Module/Topic	Chapter	Events and Submissions/Topic Zoom Tutorial
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**Week 14 - 08 Oct 2018**

Module/Topic	Chapter	Events and Submissions/Topic Please attempt your Practical Assessment with your Clinical Supervisor by the end of week 14.
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**Week 15 - 15 Oct 2018**

Module/Topic	Chapter	Events and Submissions/Topic Zoom Tutorial
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**Final Week in Placement: Week 16 - 22 Oct 2018**

Module/Topic	Chapter	Events and Submissions/Topic Students to have their Clinical Supervisor perform their final GAPA (Global Assessment of Professional Attributes). Submission online via unit Moodle.
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**Final Week of Clinical Placement**

**Assessment Submission Week - 29 Oct 2018**

Module/Topic	Chapter	Events and Submissions/Topic All remaining assessment items are to be submitted online via unit Moodle by the Monday following the last day of your clinical placement at 4pm AEST. For most students this is Monday 29th October 2018.
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## Term Specific Information

The unit coordinator for ECHO13007 is Laurel McDaniel. In the first instance, students are requested to utilise the Moodle Q&A forum for content related questions. If the query is of a personal nature, please email l.mcdaniel@cqu.edu.au, or contact by phone at (08) 9260 4079.

Fortnightly tutorials will be held during the term. Specific times and meeting IDs will be posted on the unit Moodle site.

This year 3 clinical unit builds on the echocardiography skills, knowledge and attributes developed during year 2 and 3 of the Bachelor of Echocardiography and Cardiac Physiology. There are no specified texts for this unit. However you are expected to revise previous unit content related to the pathological knowledge and practical skills of echocardiography. To this end you must ensure that the texts from units are available for you to consult whilst on placement. You are expected to consult texts regularly to enhance your knowledge and understanding during this clinical unit.

This clinical unit starts the first week of term 2 and consists of a 16 week clinical placement to achieve the minimum 640 hours (16 x 40 hours) of clinical placement. You must attend your allocated clinical placement for the entirety of each working day, including the last day of placement, unless alternative arrangements have been agreed by both the unit coordinator and clinical supervisor.

Please note that there are public holidays during your clinical placement. These can be entered as 8 hours on your clinical attendance form and do not need to be 'made up'. If you are sick, please advise your clinical supervisor and unit coordinator as these hours do need to be 'made up'. A medical certificate will be required by your unit coordinator. Please advise the unit coordinator if you need to extend your placement end date in order to complete unit requirements.

If you are experiencing difficulty meeting unit assessment requirements please contact the unit coordinator. This is a pass / fail non-graded unit which means that you must pass each individual assessment in order to pass the unit. All coursework must be submitted by the due date, as there is no opportunity to apply a 5% penalty due to the pass/fail nature of the assessment tasks. **Any students who have negotiated to extend placement dates will be eligible for assessment extensions. Please confirm your extended clinical placement dates by contacting the unit coordinator via email.** A student who fails any assessment in a pass/fail course or a pass/fail component of a graded unit will be deemed to have failed that unit.

## Assessment Tasks

### 1 Practical Assessment

#### Assessment Type

Practical Assessment

#### Task Description

By the completion of this unit, you will be performing full echocardiographic examinations, including Doppler and measurements to ASAR competency of Beginner Level.

You should provide all relevant documents to your clinical supervisor at the beginning of your placement and ensure they have a full understanding of what is required.

**You are permitted to attempt this practical assessment task TWICE during this clinical placement. It is recommended that the first attempt is within the 14th week of the 16 week placement.** In the event that the first attempt is not passed, this allows adequate time for feedback, remediation of techniques and aspects highlighted as needing improvement before the second, and final, attempt. You should share your plan for improvement with your assessor.

The marking sheet for the practical assessment on the unit Moodle site. You must PASS this assessment to pass this unit.

#### Assessment Due Date

Monday 29th October 2018 at 4pm AEST Or the first Monday following the completion of your Clinical Placement. Any

students whose clinical placement dates have been negotiated to extend beyond these due dates will be eligible to apply for an extension to the unit coordinator.

### **Return Date to Students**

Feedback will be provided to you within two weeks of submission.

### **Weighting**

Pass/Fail

### **Minimum mark or grade**

This is a PASS/FAIL assessment piece. The student is aiming to achieve a level of "Beginner" - see marking criteria. To achieve this level, the student must attain a minimum of twenty-one (21) scores of 2, and a maximum of five (5) scores of 1.

### **Assessment Criteria**

The student is aiming to achieve a level of Beginner. Beginner level competency - Level 2 - at this level the student completes the patient scan satisfactorily whilst requiring direction most (or 60%) of the time.

Practical Assessment - Echocardiography Levels of Proficiency and Scoring Criterion

- Competent: Level 4 - Student completes the scan satisfactorily and seldom requires direction (20% or less) of the time
- Advanced Beginner: Level 3 - Student completes the scan satisfactorily and requires direction some (40% or less) of the time
- Beginner: Level 2 - Student completes the scan satisfactorily and requires direction most (60% or less) of the time
- Novice: Level 1 - Student completes the scan satisfactorily and requires direction and prompts all of the time.

The Assessment Criteria will address the following areas of your performance:

- Pre-Examination Tasks
- Instrumentation
- Scanning Technique
- Measurement Technique
- Documentation
- Post-Examination Tasks
- Additional Tasks

In order to achieve an overall grade of 'Pass' in this assessment task, you must:

- undergo the assessment task by the dates listed,
- meet the minimum required scores,
- ensure the documentation is complete, and
- upload each completed assessment for into the unit Moodle site by the due date.

### **Referencing Style**

- [Vancouver](#)

### **Submission**

Online

### **Submission Instructions**

Online submissions of the completed form via Moodle.

### **Learning Outcomes Assessed**

- Perform echocardiographic assessment in the clinical context under supervision
- Accurately communicate the outcomes of cardiac assessment including consideration of quality assurance
- Apply professional behaviour consistent with safe practice

### **Graduate Attributes**

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



## 2 Professional Behaviour: Global Assessment of Professional Attributes (GAPA)

### Assessment Type

Professional Practice Placement

### Task Description

Clinical placement occurs in the professional workplace. As a clinical student you are provided access to that workplace on the condition that you demonstrate behaviours and attributes of a healthcare professional and present a positive image to the clinical facility's staff and clients. As a student in the medical sonographer profession in Australia, you are also required to be working toward consistent compliance with the Code of Conduct for Medical Sonographers. Clinical sites mention professional behaviour, particularly team work and empathy, as paramount in their decision to employ a sonographer. This assessment considers your ability to communicate professionally with a diverse cultural audience of patients, staff and the general public, demonstrate professional respect for all, and function as a reliable, well organised member of the health team.

Your clinical supervisor, or delegate, will be working in the sonography area with you, directly observing your day-to-day performance. These observations and collected feedback relate to your demonstrated knowledge, skills and behaviours over a span of time, not limited to a particular scan type or patient case. The observations and feedback are then used to complete the Global Assessment of Professional Attributes (GAPA) form provided (see below).

There are three main sections to the GAPA form:

- Section 1: initiative and communication
- Section 2: responsibility and demeanour
- Section 3: overall technical knowledge and skill

In each section there are multiple observable behaviours that you are required to demonstrate throughout your placement. Your assessor will score your performance based on how frequently and to what extent you demonstrate each of the listed behaviours. Your assessor is also encouraged to provide comments to expand on the scoring feedback. This assessment occurs TWICE during the placement.

The first occurs at the mid-placement point, at the end of Week 8. Please submit to online via unit Moodle. For most students this will be Monday September 3rd, 2018 @ 4pm AEST. The mid-point GAPA assessment is formative, meaning its function is to provide you and your unit coordinator with formal documented feedback on your performance, and there are no minimum required scores related to your final grade. You are expected to use that feedback to reflect on your performance, develop an action plan to address any areas of performance that are not yet at the target level for this placement, and use the remaining weeks to achieve those targets. For any behaviour that you score well on at the mid-placement assessment, it is expected that you will continue to meet that level of performance or surpass it for the rest of the placement. I recommend that you print a few copies of the GAPA for your supervisor at the start of your placement.

The second and final GAPA assessment occurs toward the end of Week 16, the final week of the placement. Please upload and submit online via the unit Moodle by the first Monday following the completion of your clinical Placement. For most students this is Monday October 29th, 2018 @ 4pm AEST. The final GAPA assessment is summative, in that it's primary use is to evaluate and document your performance relative to the stated performance targets. Your final overall grade in this assessment depends on where you stand relative to those performance targets.

If minimum scores in the mid-placement GAPA are not met, you will be regarded as a 'Student at Risk'. The unit coordinator will contact you to advise you of the risk of failing ECHO13007 and provide formative feedback. You must respond to this email to show you understand the implications of this information and give details of your plans for immediate improvement. A phone call or clinical visit will follow. Review of your progress will be completed a short time after the mid placement GAPA, at a time requested by your supervisor or unit coordinator. Unsatisfactory scores at this second GAPA will result in a fail grade for ECHO13007. You will meet with the Head of Course to discuss the instigation of an individual learning contract for you with a view to remedying your scanning skills, technical issues and/or behavioural issues. It will provide you with details of individual learning goals which must be achieved within a given time-frame. The learning contract will detail learning objectives, available learning resources, strategies and methods which will be used to assess your progress. This will likely involve scanning skills labs for tuition and assessment on a regular basis. Each learning contract is individualised to the student and situation at hand.

Occasionally student behaviour is beyond acceptable risk to clinical sites. Clinical supervisors contact CQUniversity academics immediately when this occurs. A GAPA assessment is requested at this time (which could be at any time during your placement). If the outcome of this GAPA is unsatisfactory, and/or the site feedback indicates that they can no longer host you due to the risk incurred, then this one GAPA alone, or site refusal to host, will constitute a FAIL. Where such risk exists, your placement will terminate immediately. It is difficult to place such students in the clinical

environment again and hence your continued progress within the echocardiography course may be at risk.

### **Assessment Due Date**

First submission: Monday of week 9, for most students Monday September 3rd, 2018 @ 4pm AEST. Second and final submission: the first Monday following the completion of your clinical placement, for most students this is Monday October 29th, 2018 @ 4pm AEST. Any students whose clinical placement dates have been negotiated to extend beyond these due dates will be eligible to apply for an extension to the unit coordinator.

### **Return Date to Students**

Feedback will be provided to you within two weeks of submission.

### **Weighting**

Pass/Fail

### **Minimum mark or grade**

This is a PASS/FAIL assessment item. To PASS, on the 2nd and final GAPA the student must receive an overall score of twenty-two (22) marks or more, from a potential of forty-four (44) marks, and additionally is not permitted any scores of zero (0).

### **Assessment Criteria**

The criteria for assessment are detailed on the GAPA form in the form of required behaviours and attributes. Behaviour attributes assessed include: initiative and communication, responsibility and demeanor and overall technical knowledge and skill.

The assessor will use the stated 0-2 scale to indicate the frequency and extent to which you demonstrate each of those.

Score Descriptor of performance

- 0: Student does not demonstrate attribute, or demonstrates in an unacceptable manner
- 1: Student demonstrates attribute, but requires improvement
- 2: Student consistently (>60% of the time) demonstrates attribute to a high level

In order to achieve an overall grade of 'Pass' in this assessment task, you must:

- undergo both the mid-placement and end-of placement assessments by the dates listed,
- on the end-of-placement assessment, meet the minimum required scores
- ensure the documentation of each assessment is complete, and
- upload each completed assessment for into the unit Moodle site by the due date.

### **Referencing Style**

- [Vancouver](#)

### **Submission**

Online

### **Submission Instructions**

Two separate online submissions of the completed form via unit Moodle.

### **Learning Outcomes Assessed**

- Apply professional behaviour consistent with safe practice

### **Graduate Attributes**

- Communication
- Team Work
- Ethical practice

## **3 Clinical Attendance & Clinical Logbooks**

### **Assessment Type**

Learning logs / diaries / Journal / log books

### **Task Description**

#### **Clinical Attendance:**

It is expected that you attend 100% of the time during your 16 week clinical placement to achieve the minimum 640 hours (16 X 40 hours) of direct echocardiography observance/ participation or related activities approved by your ASAR registered clinical supervisor or appropriately qualified medical practitioner. All hours worked must be entered into the

clinical attendance form. This form must be signed by your clinical supervisor, or a sonographer delegated this task by your clinical supervisor. The clinical attendance form is available in the assessment block in the unit Moodle site. A copy has been emailed to your clinical site. Please print this form and read it carefully so you understand the criteria against which your clinical attendance will be evaluated.

Public holidays are included as hours worked. You can log 8 hours worked for each public holiday. These do not need to be 'made up'. Any time you are away from your clinical institution, you MUST supply a verifiable supporting document indicating why you have not attended. Both your clinical supervisor and the unit coordinator MUST be informed of any absences from your clinical placement. Any absence for part, or all of, a working day must be made up after, or during (e.g Saturday /evenings if available), the clinical placement.

You can submit 'outside clinical placement' hours completed between the end of your year 2 placement and the commencement of the year 3 placement if appropriate. The outside clinical placement attendance form is available on the unit Moodle site. Please note: the hours must be verified (signed) by an ASAR accredited sonographer or appropriately qualified medical practitioner. Details of either your insurance, or employment, must be entered onto the outside clinical placement attendance form. Outside clinical hours can not total more than half the required hours for this unit (320 hours or less).

#### **Clinical Logbook:**

The clinical logbook serves as a record of experience you attained during the placement. Each case will be categorised into one of the following areas: adult, stress / dobutamine, congenital, TOE, and paediatric. Each week of the logbook must be signed by your clinical site supervisor, or a sonographer delegated by the clinical supervisor. If during your clinical placement, you participate/ observe other modalities with your clinical supervisor or other appropriately qualified medical practitioner, please record these cases as well. Other modalities include: ECG, stress testing, holter monitors, cardiac catheter laboratory procedures, electrophysiology, cardiac rhythm management or other. The clinical logbook and further information on how to complete the logbook are available on the unit Moodle site. Please print these forms/information sheets and read them carefully so you understand the criteria against which your logbook will be evaluated.

You can submit 'outside clinical placement' log books dated between the end of year 2 placement and the commencement of year 3 placement. The outside clinical placement attendance form is available on the unit Moodle site. Please note: the logbook must be verified (signed) by an ASAR accredited sonographer or appropriately qualified medical practitioner. Details of either your insurance, or employment, must be entered onto the outside clinical logbook form.

#### **Assessment Due Date**

Monday 29th October 2018 at 4pm AEST Or the first Monday following the completion of your Clinical Placement. Any students whose clinical placement dates have been negotiated to extend beyond these due dates will be eligible to apply for an extension to the unit coordinator.

#### **Return Date to Students**

Feedback will be provided to you within two weeks of submission.

#### **Weighting**

Pass/Fail

#### **Minimum mark or grade**

This is a pass / fail assessment piece.

#### **Assessment Criteria**

##### **Clinical Attendance:**

To pass this assessment you must achieve a minimum of 640 hours (16 X 40 hours) of clinical attendance. Any days away from your clinical site must be documented.

At the end of the scheduled 16 weeks of placement, if you have not met the 100% attendance requirement AND you have documented justifiable grounds for your absenteeism, you will be provided additional scheduled time to make up the time you have missed. (This scheduled make-up time may not immediately follow the scheduled 16 week placement, and / or may not be at the same placement site, depending on clinical availability). At the end of the scheduled 16 weeks of placement, if you have not met the 100% attendance requirement AND you do not have documented justifiable grounds for the absence, you will score a 'Fail' for this assessment item.

#### **Clinical Logbook:**

You are required to keep a tally of the number of studies. Each case will be categorised into one of the following areas: Adult, Stress/ Dobutamine, Congenital, TOE, and Paediatric.

There is no minimum number of examinations required, however please track your numbers as to ensure some experience is happening under the different categories.

In order to achieve an overall grade of 'Pass' in this assessment task, you must:

- meet the minimum number of hours required on the attendance form,
- accurately record your studies in the clinical case log,
- ensure the documentation of each assessment is complete, and
- upload each completed assessment for into the unit Moodle site by the due date.

### Referencing Style

- [Vancouver](#)

### Submission

Online

### Submission Instructions

Online submission of the completed forms via Moodle.

### Learning Outcomes Assessed

- Perform echocardiographic assessment in the clinical context under supervision
- Analyse, and critically reflect on, clinical cases involving various cardiac assessment techniques.

### Graduate Attributes

- Communication
- Information Technology Competence

## 4 Case Study

### Assessment Type

Case Study

### Task Description

Qualified sonographers use experience and knowledge-based clinical intuition to assist in making clinical decisions. This helps them decide things such as - what questions to ask during history taking, where to focus their scan, how to extend the scan, what images to record and what to highlight in their report. This assessment aims at developing your clinical decision making capacity.

Kerry Thoirs and Jenny Sims, two well-respected educators in imaging, have adapted a clinical decision-making framework to support student sonographers to develop clinical decision making skills and structure clinical learning. This assessment requires you to complete a clinical case report on an ultrasound examination that you have either performed, or taken part in, while undertaking this clinical unit. You are going to produce a clinical case report in the style described by Thoirs and Sim in their published article 'Using a clinical decision-making framework to foster sonographer student learning in the clinical setting'. Using this framework, you will appraise your professional performance including sonographic knowledge, technical skill, professionalism, teamwork, communication skills and safe clinical practice to identify goals for continuing professional development.

Using the template provided, enter the details of a Case Study. It will be structured to include five components:

- Information gathering around the patient presentation;
- Hypothesis generation - the making of a tentative diagnosis based on the information gained in the previous component;
- Sonographic assessment to gather further information;
- The combination and cognitive synthesis of previous components to make a sonographic diagnosis; and
- Reflection and consolidation of learning from the case.

The described published article and template are available on the unit Moodle site.

### Assessment Due Date

Monday 29th October 2018 at 4pm AEST Or the first Monday following the completion of your Clinical Placement. Any students whose clinical placement dates have been negotiated to extend beyond these due dates will be eligible to apply for an extension to the unit coordinator.

### Return Date to Students

Feedback will be provided to you within two weeks of submission.

### **Weighting**

Pass/Fail

### **Minimum mark or grade**

A minimum pass mark of 50% is required in order to pass. This is a pass/fail assessment item. You must pass this assessment to pass this unit.

### **Assessment Criteria**

The Case Study will be assessed on the following components: pre-encounter and encounter components, hypothesis generation, hypothesis driven assessment, hypothesis evaluation, reflection, referencing, terminology, word count and grammar.

They will be graded as Excellent/Good, Average, or Poor/Fail. The Case Study is out of 100 marks. A grade of 50% is required to pass. Please see the marking sheet under the assessment block of the unit Moodle site. Case reports must be submitted with all identifying factors removed. Identifying factors include such things as patient name, date of birth and clinical site name for example.

In the event that the first submission does not meet the minimum requirements as per the marking rubric, you will be provided with feedback and guidance by the unit coordinator. You will then have an opportunity to revise and resubmit the case study within one week of receiving feedback.

You must ask yourself the following:

- Does your encounter data include cultural considerations, protocols around patient and sonographer safety, the consent process, pre-test history and an established purpose of the examination?
- When generating a hypothesis, does it include possible pathophysiology relevant to the sonographic examination, possible associated conditions, complications or mimics of the suspected condition? What is the most likely condition suggested by the pre-encounter data? What are the associated conditions? Which structures are most likely involved?
- Did the sonographic assessment include protocol, image optimisation techniques, possible modifications required due to patient presentation or sonographic findings? Did it include the additional data obtained?
- Did the sonographic diagnosis include normal and abnormal appearances, applicable reference measurements, and future pathways for the patient with this diagnosed condition? Have you described normal and abnormal findings and correlation with other information to provide us with the most likely diagnosis and alternatives?
- Did the reflection on the clinical decision making process include how you thought critically and a reflective analysis? What was done well, what could have been done better, was the examination complete, is there a gap in skills or knowledge? Is there an appropriate action plan?

### **Referencing Style**

- [Vancouver](#)

### **Submission**

Online

### **Submission Instructions**

Submission must be made online via Moodle as to be analysed by Turnitin.

### **Learning Outcomes Assessed**

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

### **Graduate Attributes**

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