



MEDS20003 Medical Sonography Clinical Course

4

Term 2 - 2018

Profile information current as at 17/05/2024 06:40 am

All details in this unit profile for MEDS20003 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 graduate clinical unit builds on the sonographic skills, knowledge and attitudes developed during Medical Sonography Clinical Course 3. You will perform diagnostic scans to meet the ASA Competency Standards for the Entry Level Sonographer. You will evaluate findings to formulate a differential diagnosis and initiate further investigation when appropriate. You will apply appropriate professional and interpersonal skills to sonographic practice in accordance with CQUniversity postgraduate attributes and requirements for external professional accreditation.

Details

Career Level: *Postgraduate*

Unit Level: *Not Applicable*

Credit Points: 12

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.25

Pre-requisites or Co-requisites

MEDS20002 Medical Sonography Clinical Course 3, which must have been successfully completed within the last twelve months. Should this time limit have elapsed the student must successfully complete a skills assessment or a period of skills revision review as determined by the discipline lead or designate. prerequisite

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

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 12-credit Postgraduate unit at CQUniversity requires an overall time commitment of an average of 25 hours of study per week, making a total of 300 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. **Practical Assessment**

Weighting: Pass/Fail

3. **Practical Assessment**

Weighting: Pass/Fail

4. **Practical Assessment**

Weighting: Pass/Fail

5. **Portfolio**

Weighting: Pass/Fail

6. **Off-campus Activity**

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 Industry feedback

Feedback

Assessment documents were weighted too heavily on non scanning skills

Recommendation

Competency assessment paperwork needs to be re-written for this unit to better reflect the level of a graduate sonographer.

Unit Learning Outcomes

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

1. Perform diagnostic scans to meet the ASA Competency Standards for the Entry Level Sonographer.
2. Evaluate sonographic findings and formulate appropriate sonographic protocol to solve complex diagnostic problems demonstrating understanding of a broad and coherent core body of sonographic knowledge.
3. Apply appropriate professional and interpersonal skills to sonographic practice in accordance with CQUniversity postgraduate attributes and requirements for external professional accreditation.

Australasian Sonography Association Competency Standards for the Entry Level Sonographer
Units 1-5, 6, 7, 9, 10, 11, 12, 13.

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes		
	1	2	3
1 - Practical Assessment - 0%	•	•	
2 - Practical Assessment - 0%	•	•	
3 - Practical Assessment - 0%	•	•	
4 - Practical Assessment - 0%			•
5 - Portfolio - 0%	•		
6 - Off-campus Activity - 0%			•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes		
	1	2	3
1 - Knowledge	○	○	○
2 - Communication	○	○	○
3 - Cognitive, technical and creative skills	○	○	
4 - Research			
5 - Self-management			○
6 - Ethical and Professional Responsibility	○	○	○
7 - Leadership		○	○
8 - 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
1 - Practical Assessment - 0%	○	○	○			○		
2 - Practical Assessment - 0%	○	○	○			○		
3 - Practical Assessment - 0%	○	○	○			○		
4 - Practical Assessment - 0%	○	○			○	○	○	
5 - Portfolio - 0%		○	○		○			
6 - Off-campus Activity - 0%		○			○	○		

Textbooks and Resources

Textbooks

There are no required textbooks.

Additional Textbook Information

There are no required textbooks.

Note: To assist you on clinical placement you will need access to textbooks previously purchased whilst studying the medical sonography course- particularly books purchased for any unit with the MEDS prefix. These textbooks will be useful as they will enable you to revise sonographic pathophysiology, ultrasound physics, human anatomy and aspects of sonography practice. Clinical supervisors are encouraged to ask students questions about sonographic knowledge, skill and appropriate professional behaviour. They may ask you to research an aspect of sonographic practice related to a case seen on clinical placement. To do this well you will need your textbooks at hand.

IT Resources

You will need access to the following IT resources:

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

Referencing Style

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

Teaching Contacts

Rebecca Armstrong Unit Coordinator
r.armstrong@cqu.edu.au

Schedule

Week 1 - 02 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
The clinical placement component of this unit runs from Monday 2nd July to Friday 19th October 2018 inclusive or as otherwise agreed with the unit coordinator / head of course. Please refer to the unit Moodle site for detailed assessment due dates and schedule information as this clinical unit occurs outside of standard University term dates. Zoom session		Students should be aware that they are required to attend their campus of enrollment for the objective structured clinical examinations (OSCEs) for the WHOLE WEEK 22-26 October 2018. Students commencing placement after the 1st March will be able to attend a second OSCE from Monday 26th November.

Week 2 - 09 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Zoom session

As per previous Clinical Placements if there is a gazetted National, State or Regional Public Holiday, these hours are counted as clinical placement hours and can be entered as 8 hours on your clinical attendance form and do not need to be made up.

Week 3 - 16 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Zoom session		Case study presentations

Week 4 - 23 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Zoom session		Case study presentations and OSCE preparation

Week 5 - 30 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Zoom session		Case study presentations and O&G revision

Week 6 - 06 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
Zoom session		Case study presentations

Week 7 - 13 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
Zoom session - Reminder - mid placement GAPA due Friday next week		Case study presentations and MSK revision

Week 8 - 20 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
Zoom session		MID PLACEMENT Global assessment of professional attributes Due: Friday (24 Aug 2018) 17:00 AEST Case study presentations

Week 9 - 27 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
Zoom session		Case study presentations and vascular revision

Week 10 - 03 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
Zoom session		Case study presentations

Week 11 - 10 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
Zoom session		Case study presentations and abdomen / renal revision

Week 12 - 17 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
Zoom session		Case study presentations

Week 13 - 24 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic

Zoom session

Case study presentations and OSCE preparation

Week 14 - 01 Oct 2018

Module/Topic

Chapter

Events and Submissions/Topic

Zoom session

OSCEs preparation

Week 15 - 08 Oct 2018

Module/Topic

Chapter

Events and Submissions/Topic

Zoom session

All assessments due Friday 19/10/18 before attempting OSCEs

Week 16 - 15 Oct 2018

Module/Topic

Chapter

Events and Submissions/Topic

Zoom session

Practical Assessment 1: Week 16 of placement Friday (19 Oct 2018) 17:00 AEST.

Practical Assessment 2: Week 16 of placement Friday (19 Oct 2018) 17:00 AEST.

Practical Assessment 3: Week 16 of placement Friday (19 Oct 2018) 17:00 AEST.

Clinical Case Log: Week 16 of placement Friday (19 Oct 2018) 17:00 AEST.

Global assessment of professional attributes: Week 16 of placement Friday (19 Oct 2018) 17:00 AEST.

Clinical Attendance: Week 16 of placement Friday (19 Oct 2018) 17:00 AEST

Exam week - 22 Oct 2018

Module/Topic

Chapter

Events and Submissions/Topic

Objective Structured Clinical Examination (OSCEs)

Objective Structured Clinical Examinations (OSCEs)

October 22-26.

Students should be aware that they are required to attend their campus of enrolment for the objective structured clinical examinations (OSCEs) and any re-sits for the WHOLE WEEK (22-26 October 2018)

All practical assessment forms should be submitted prior to the OSCE.

REPEAT OSCE - 26 Nov 2018

Module/Topic

Chapter

Events and Submissions/Topic

Repeat OSCE

Repeat OSCE held at campus of enrolment for students that commenced their clinical placement AFTER 1st March and will complete their attendance hours by the 30th November 2018.

Term Specific Information

The unit coordinator for this unit is: Rebecca Armstrong. I can be contacted on: 07 4940 7841 or r.armstrong@cqu.edu.au Please be aware that in my role as clinical academic I travel to visit clinical sites frequently. The best way to contact me is by email.

The rest of the clinical placement team are an integral part of the staffing of this course. They are Julie Cahill, Michael Borg and Ovinia Wanigasekera, and the Work Integrated Learning (WIL) officers, Vanessa Henderson, and Kathleen Mossemeneer. The clinical placement team contact details are on the unit Moodle site.

There are no specified texts for this unit. Students are expected to consult texts used in previous courses to enhance their knowledge and understanding during this clinical unit.

This unit requires you to attend a sixteen (16)-week clinical placement, to a minimum of 640 hours, from 2nd of July to 19th of October inclusive or as otherwise agreed with the unit coordinator. You must also attend your campus of enrolment for the objective structured clinical examination (OSCE) from 22-26 October 2018.

This unit, and associated placement, extends beyond the standard University term dates. Please refer to the unit Moodle site for further unit and assessment information. You will have been allocated a specific clinical facility (or facilities) to attend for the 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 may be 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'. Please advise the unit coordinator if you need to extend your placement end date in order to complete unit requirements. Any students who have negotiated to extend placement dates will be eligible to apply for assessment extensions via the unit Moodle site. If you are experiencing difficulty meeting unit assessment requirements please contact the unit coordinator. You will require regular internet access, word processing and document scanning technology in order to complete assessment requirements. Clinical sites do not provide computer or internet access so it is your responsibility to provide your own. This unit is a non-graded (pass / fail) unit. Please note this important information from the University Assessment Policy and Procedure (Higher Education Coursework) 4.36. Students who fail a single assessment in a pass/fail unit or a pass/fail component in a graded unit will be deemed to have failed that unit, unless the unit profile includes provision for students to re-attempt a failed assessment task and the student passes the re-attempted assessment.

Assessment Tasks

1 Practical Assessment 1

Assessment Type

Practical Assessment

Task Description

The Australian Sonographer Accreditation Registry¹ and Australian Sonographers Association Competency Standards for the Entry-Level Sonographer² state that you must demonstrate competence in all domains of practice, of which there are currently six (6): abdomen, breast, musculoskeletal, obstetric and gynaecologic, superficial parts and vascular.

In MEDS20002 you demonstrated competence in three (3) domains of practice. In this unit you must complete the remaining three (3) domains of practice. You must have achieved a total of six (6) practical assessments on completion of MEDS20003, one for EACH domain of practice with no two assessments in the same domain of practice.

This assessment task measures your overall aptitude and competence in completing an ultrasound examination in one of the six domains of practice that you have not achieved to date. The required levels of competency are:

- **vascular (carotid) to competency level,**
- **superficial structure (thyroid or testes) to competency level,**
- **breast (female or male) to competency level,**
- **musculoskeletal (shoulder) to competency level,**
- **abdomen to competency level,**
- **obstetric and gynaecologic - choose one of the following - 1st trimester 11-14 weeks scan to competency OR 3rd trimester scan to competency level OR 2nd trimester morphology scan to advanced beginner level.**

For this practical assessment choose one of the domains of practice above. Then complete a practical test in this domain of practice to achieve the appropriate competency level as stated above. This task will be assessed by your clinical supervisor, or a delegate sonographer, using the standardised form provided. These forms are available in the assessment block in the unit Moodle site. A copy has been emailed to your clinical site but it is advisable to provide a printed copy to your clinical supervisor at the commencement of your placement.

Please print this form and read it carefully so you understand the criteria against which your sonographic skill, and

relevant theoretical knowledge, will be evaluated.

Discuss the best time to complete this assessment with your clinical supervisor. After the assessment ask for feedback so you can focus your efforts at improvement in the areas mentioned by your supervisor. If you do not meet the required standard on your first attempt, you must seek detailed feedback from your assessor so you can develop a strategy to improve your performance. You should share your plan for improvement with your assessor. You may then repeat this assessment and must achieve the required level. Your clinical supervisor must complete and sign the assessment form before you submit it through the assessment block in the unit Moodle site.

In this assessment you will demonstrate your ability to carry out all tasks of the ultrasound examination with minimal intervention, guidance or correction by the assessor. The assessment must be attempted prior to completion of the clinical placement block.

You are permitted two attempts to complete this assessment task. If repeat assessment is needed to achieve required level, only submit the successful attempt.

1. Australian Sonographer Accreditation Registry. Standards for the Accreditation of Sonographer Courses [Internet] 2011 [updated 2014 May 11]. Available from

https://www.asar.com.au/root/UploadedFiles/Documents/ASAR_Accreditation_Standards.pdf

2. Australian Sonographers Association. ASA standards for the entry level sonographer [Internet] 2011 [cited 2018 Jun 14]. Available from https://www.asar.com.au/root/UploadedFiles/Documents/ASA_Competency_Standards.pdf

Assessment Due Date

Due on Friday 19th October 2018 at 17:00 AEST. The completed practical assessment form must be uploaded by online submission through the unit Moodle site. It is recommended that you submit as soon as you have completed your placement. Any students whose clinical placement dates have been negotiated to extend beyond these due dates will be eligible to apply for an extension via the unit Moodle site.

Return Date to Students

Performance assessments will be collated by the unit coordinator following completion of the assessment. Feedback will be provided to you by your clinical supervisor following completion of the assessment. If assessment conditions are not met the unit coordinator will follow up.

Weighting

Pass/Fail

Minimum mark or grade

This is a pass / fail assessment. 'Competent' level requires a minimum of eighteen (18) scores of 4, and no scores of 1 or 2. 'Advanced beginner' (obstetric scan only) requires a minimum of eighteen (18) scores of 3, and no scores of 1 to achieve a Pass

Assessment Criteria

The assessment criteria will address the following areas of your performance:

- Occupational health and safety including ergonomics.
- Accurate documentation and communication of findings.
- Ability to recognise the need to and extend the clinical examination where appropriate.
- Recognition and understanding of the relevant anatomy and pathology demonstrated.
- Interrogation of anatomy and acquisition of relevant images.
- Knowledge of instrumentation including optimisation of survey and images through appropriate selection of parameters and technique.
- Pre-scan, scan and post-scan preparation and tasks.
- Patient care and communication.

The required levels of competency are:

- vascular (carotid) to competency level
- superficial structure (thyroid or testes) to competency level
- breast (female or male) to competency level
- musculoskeletal (shoulder) to competency level
- abdomen to competency level,
- obstetric and gynaecologic - choose one (1st trimester 11-14 weeks or 3rd trimester growth scan to competency level OR 2nd trimester morphology to advanced beginner level).

To achieve a level of 'competent', you must attain a minimum of eighteen (18) scores of 4, and no scores of 1 or 2. To achieve a level of 'advanced beginner', you must attain a minimum of eighteen (18) scores of 3, and no scores of 1. To achieve a Pass in all competencies you must achieve a score of 3 or 4 with no scores of 1 or 2 in Patient communication. A score of 1 or 2 in patient communication will result in a fail for the competency regardless of whether you achieve the minimum scores in other components of the competency.

Referencing Style

- [Vancouver](#)

Submission

Online

Submission Instructions

Online submission of the completed form via the unit Moodle site by the due date.

Learning Outcomes Assessed

- Perform diagnostic scans to meet the ASA Competency Standards for the Entry Level Sonographer.
- Evaluate sonographic findings and formulate appropriate sonographic protocol to solve complex diagnostic problems demonstrating understanding of a broad and coherent core body of sonographic knowledge.

Graduate Attributes

- Knowledge
- Communication
- Cognitive, technical and creative skills
- Ethical and Professional Responsibility

2 Practical Assessment 2

Assessment Type

Practical Assessment

Task Description

The Australian Sonographer Accreditation Registry¹ and Australian Sonographers Association Competency Standards for the Entry-Level Sonographer² state that you must demonstrate competence in all domains of practice, of which there are currently six (6): abdomen, breast, musculoskeletal, obstetric and gynaecologic, superficial parts and vascular.

In MEDS20002 you demonstrated competence in three (3) domains of practice. In this unit you must complete the remaining three (3) domains of practice. You must have achieved a total of six (6) practical assessments on completion of MEDS20003, one for EACH domain of practice with no two assessments in the same domain of practice.

This assessment task measures your overall aptitude and competence in completing an ultrasound examination in one of the six domains of practice that you have not achieved to date. The required levels of competency are:

- **vascular (carotid) to competency level,**
- **superficial structure (thyroid or testes) to competency level,**
- **breast (female or male) to competency level,**
- **musculoskeletal (shoulder) to competency level,**
- **abdomen to competency level,**
- **obstetric and gynaecologic - choose one of the following - 1st trimester 11-14 weeks scan to competency OR 3rd trimester scan to competency level OR 2nd trimester morphology scan to advanced beginner level.**

For this practical assessment choose one of the domains of practice above. Then complete a practical test in this domain of practice to achieve the appropriate competency level as stated above. This task will be assessed by your clinical supervisor, or a delegate sonographer, using the standardised form provided. These forms are available in the assessment block in the unit Moodle site. A copy has been emailed to your clinical site but it is advisable to provide a printed copy to your clinical supervisor at the commencement of your placement.

Please print this form and read it carefully so you understand the criteria against which your sonographic skill, and relevant theoretical knowledge, will be evaluated.

Discuss the best time to complete this assessment with your clinical supervisor. After the assessment ask for feedback so you can focus your efforts at improvement in the areas mentioned by your supervisor. If you do not meet the required standard on your first attempt, you must seek detailed feedback from your assessor so you can develop a strategy to improve your performance. You should share your plan for improvement with your assessor. You may then repeat this assessment and must achieve the required level. Your clinical supervisor must complete and sign the assessment form before you submit it through the assessment block in the unit Moodle site.

In this assessment you will demonstrate your ability to carry out all tasks of the ultrasound examination with minimal intervention, guidance or correction by the assessor. The assessment must be attempted prior to completion of the clinical placement block.

You are permitted two attempts to complete this assessment task. If repeat assessment is needed to achieve required level, only submit the successful attempt.

1. Australian Sonographer Accreditation Registry. Standards for the Accreditation of Sonographer Courses [Internet] 2011 [updated 2014 May 11]. Available from

https://www.asar.com.au/root/UploadedFiles/Documents/ASAR_Accreditation_Standards.pdf

2. Australian Sonographers Association. ASA standards for the entry level sonographer [Internet] 2011 [cited 2018 Jun 14]. Available from https://www.asar.com.au/root/UploadedFiles/Documents/ASA_Competency_Standards.pdf

Assessment Due Date

Due on Friday 19th October 2107 17:00 AEST. To be uploaded through online submission in the unit Moodle site. It is recommended that you submit as soon as you have completed your competency. Any students whose clinical placement dates have been negotiated to extend beyond this due date will be eligible to apply for an extension via the unit Moodle site.

Return Date to Students

Performance assessments will be collated by the unit coordinator. Feedback will be provided to you by your clinical supervisor following completion of the assessment. If the conditions to pass are not met the unit coordinator will follow up.

Weighting

Pass/Fail

Minimum mark or grade

This is a pass / fail assessment. 'Competent' level requires a minimum of eighteen (18) scores of 4, and no scores of 1 or 2. 'Advanced beginner' (obstetric scan only) requires a minimum of eighteen (18) scores of 3, and no scores of 1 to Pass.

Assessment Criteria

The assessment criteria will address the following areas of your performance:

- Occupational health and safety including ergonomics.
- Accurate documentation and communication of findings.
- Ability to recognise the need to and extend the clinical examination where appropriate.
- Recognition and understanding of the relevant anatomy and pathology demonstrated.
- Interrogation of anatomy and acquisition of relevant images.
- Knowledge of instrumentation including optimisation of survey and images through appropriate selection of parameters and technique.
- Pre-scan, scan and post-scan preparation and tasks.
- Patient care and communication.

The required levels of competency are:

- vascular (carotid) to competency level
- superficial structure (thyroid or testes) to competency level
- breast (female or male) to competency level
- musculoskeletal (shoulder) to competency level
- abdomen to competency level,
- obstetric and gynaecologic - choose one (1st trimester 11-14 weeks or 3rd trimester growth scan to competency level OR 2nd trimester morphology to advanced beginner level).

To achieve a level of 'competent', you must attain a minimum of eighteen (18) scores of 4, and no scores of 1 or 2. To achieve a level of 'advanced beginner', you must attain a minimum of eighteen (18) scores of 3, and no scores of 1. To achieve a Pass in all competencies your must achieve a score of 3 or 4 with no scores of 1 or 2 in Patient communication. A score of 1 or 2 in patient communication will result in a fail for the competency regardless of whether you achieve the minimum scores in other components of the competency.

Referencing Style

- [Vancouver](#)

Submission

Online

Submission Instructions

Online submission of the completed form via Moodle.

Learning Outcomes Assessed

- Perform diagnostic scans to meet the ASA Competency Standards for the Entry Level Sonographer.
- Evaluate sonographic findings and formulate appropriate sonographic protocol to solve complex diagnostic problems demonstrating understanding of a broad and coherent core body of sonographic knowledge.

Graduate Attributes

- Knowledge

- Communication
- Cognitive, technical and creative skills
- Ethical and Professional Responsibility

3 Practical Assessment 3

Assessment Type

Practical Assessment

Task Description

The Australian Sonographer Accreditation Registry¹ and Australian Sonographers Association Competency Standards for the Entry-Level Sonographer² state that you must demonstrate competence in all domains of practice, of which there are currently six (6): abdomen, breast, musculoskeletal, obstetric and gynaecologic, superficial parts and vascular. In MEDS20016 you demonstrated competence in three (3) domains of practice. In this unit you must complete the remaining three (3) domains of practice. You must have achieved a total of six (6) practical assessments on completion of MEDS20017, one for EACH domain of practice with no two assessments in the same domain of practice. This assessment task measures your overall aptitude and competence in completing an ultrasound examination in one of the six domains of practice that you have not achieved to date. The required levels of competency are:

- **vascular (carotid) to competency level,**
- **superficial structure (thyroid or testes) to competency level,**
- **breast (female or male) to competency level,**
- **musculoskeletal (shoulder) to competency level,**
- **abdomen to competency level,**
- **obstetric and gynaecologic - choose one of the following - 1st trimester 11-14 weeks scan to competency OR 3rd trimester scan to competency level OR 2nd trimester morphology scan to advanced beginner level.**

For this practical assessment choose one of the domains of practice above. Then complete a practical test in this domain of practice to achieve the appropriate competency level as stated above. This task will be assessed by your clinical supervisor, or a delegate sonographer, using the standardised form provided. These forms are available in the assessment block in the unit Moodle site. A copy has been emailed to your clinical site but it is advisable to provide a printed copy to your clinical supervisor at the commencement of your placement.

Please print this form and read it carefully so you understand the criteria against which your sonographic skill, and relevant theoretical knowledge, will be evaluated.

Discuss the best time to complete this assessment with your clinical supervisor. After the assessment ask for feedback so you can focus your efforts at improvement in the areas mentioned by your supervisor. If you do not meet the required standard on your first attempt, you must seek detailed feedback from your assessor so you can develop a strategy to improve your performance. You should share your plan for improvement with your assessor. You may then repeat this assessment and must achieve the required level. Your clinical supervisor must complete and sign the assessment form before you submit it through the assessment block in the unit Moodle site.

In this assessment you will demonstrate your ability to carry out all tasks of the ultrasound examination with minimal intervention, guidance or correction by the assessor. The assessment must be attempted prior to completion of the clinical placement block.

You are permitted two attempts to complete this assessment task. If repeat assessment is needed to achieve required level, only submit the successful attempt.

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https://www.asar.com.au/root/UploadedFiles/Documents/ASAR_Accreditation_Standards.pdf

2. Australian Sonographers Association. ASA standards for the entry level sonographer [Internet] 2011 [cited 2018 Jun 14]. Available from https://www.asar.com.au/root/UploadedFiles/Documents/ASA_Competency_Standards.pdf

Assessment Due Date

Due on Friday 19th October 2017 at 17:00 AEST. The completed practical assessment form must be uploaded by online submission through the course Moodle site. It is recommended that you submit as soon as you have completed your placement. Any students whose clinical placement dates have been negotiated to extend beyond these due dates will be eligible to apply for an extension via the unit Moodle site.

Return Date to Students

Performance assessments will be collated by the unit coordinator following completion of the assessment. Feedback will be provided to you by your clinical supervisor following completion of the assessment. If assessment conditions are not met the unit coordinator will follow up.

Weighting

Pass/Fail

Minimum mark or grade

This is a pass / fail assessment. 'Competent' level requires a minimum of eighteen (18) scores of 4, and no scores of 1 or 2. 'Advanced beginner' (obstetric scan only) requires a minimum of eighteen (18) scores of 3, and no scores of 1 to pass.

Assessment Criteria

The assessment criteria will address the following areas of your performance:

- Occupational health and safety including ergonomics.
- Accurate documentation and communication of findings.
- Ability to recognise the need to and extend the clinical examination where appropriate.
- Recognition and understanding of the relevant anatomy and pathology demonstrated.
- Interrogation of anatomy and acquisition of relevant images.
- Knowledge of instrumentation including optimisation of survey and images through appropriate selection of parameters and technique.
- Pre-scan, scan and post-scan preparation and tasks.
- Patient care and communication.

The required levels of competency are:

- vascular (carotid) to competency level
- superficial structure (thyroid or testes) to competency level
- breast (female or male) to competency level
- musculoskeletal (shoulder) to competency level
- abdomen to competency level,
- obstetric and gynaecologic - choose one (1st trimester 11-14 weeks or 3rd trimester growth scan to competency level OR 2nd trimester morphology to advanced beginner level).

To achieve a level of 'competent', you must attain a minimum of eighteen (18) scores of 4, and no scores of 1 or 2. To achieve a level of 'advanced beginner', you must attain a minimum of eighteen (18) scores of 3, and no scores of 1. To achieve a Pass in all competencies you must achieve a score of 3 or 4 with no scores of 1 or 2 in Patient communication. A score of 1 or 2 in patient communication will result in a fail for the competency regardless of whether you achieve the minimum scores in other components of the competency.

Referencing Style

- [Vancouver](#)

Submission

Online

Submission Instructions

Online submission of the completed form via the unit Moodle site.

Learning Outcomes Assessed

- Perform diagnostic scans to meet the ASA Competency Standards for the Entry Level Sonographer.
- Evaluate sonographic findings and formulate appropriate sonographic protocol to solve complex diagnostic problems demonstrating understanding of a broad and coherent core body of sonographic knowledge.

Graduate Attributes

- Knowledge
- Communication
- Cognitive, technical and creative skills
- Ethical and Professional Responsibility

4 Objective Structured Clinical Examination (OSCE)

Assessment Type

Practical Assessment

Task Description

You are very close to becoming a graduate sonographer and at this point it is now that the University observes its duty of care as required by the Australian Sonographer Accreditation Registry to moderate students performance in each domain of practice. This is to ensure safe practice and patient and patient care in each graduate.

This assessment task measures your ability to complete ultrasound examinations AND interpret images / patient data to formulate differential diagnoses in the following areas:

Abdomen
Superficial Parts
Vascular (general)
Obstetric & Gynaecology
Breast (male or female)
Musculoskeletal (shoulder)

Assessment Due Date

OSCEs to be conducted on your campus of enrolment during the week of 22-26th October 2018 OR 26 November 2018.

Return Date to Students

Results will be given after all assessments completed on campus.

Weighting

Pass/Fail

Minimum mark or grade

You must achieve an overall level of 'competent' to pass this assessment.

Assessment Criteria

This assessment task will be carried out at your campus of enrolment in review week from Monday 22nd to Friday 26th of October 2018. You must make yourself available at your campus of enrolment for the duration of OSCE week. You will demonstrate your ability to carry out each task in the examination to a level of competency or advanced beginner as appropriate. You will demonstrate knowledge of the sonographic appearance of pathology and pathognomonic signs and symptoms. You will be able to formulate differential diagnoses from a range of clinical information provided. It is recommended that you engage in active revision of knowledge taking place within your year 4 clinical unit such as completing practice MCQ's and presentation of case studies. You will also undertake your own revision of your sonographic-specific units as required.

Please refer to the unit Moodle site for specific details regarding the assessment.

Please note: a second OSCE week will be conducted from Monday 26th November for any students that started placement after 1st March 2018 and will complete their clinical hours by the week ending 30th November 2018. Any student who requires a resit should be aware that resit OSCE examinations will also be conducted during review week from Monday 22nd to 26th of October 2018 for the first OSCE and during the week beginning the 26th of November for the second OSCE.

All practical examinations will be video recorded for moderation purposes.

Referencing Style

- [Vancouver](#)

Submission

Online

Submission Instructions

OSCEs conducted on your campus of enrolment.

Learning Outcomes Assessed

- Apply appropriate professional and interpersonal skills to sonographic practice in accordance with CQUniversity postgraduate attributes and requirements for external professional accreditation.

Graduate Attributes

- Knowledge
- Communication
- Self-management
- Ethical and Professional Responsibility
- Leadership

5 Clinical Case Log

Assessment Type

Portfolio

Task Description

The clinical logbook serves as a record of your depth and breadth of experience attained during the placement. It demonstrates the degree of progression of your skill development within and across examination type. You should analyse this record at regular intervals to assist in the formulation of learning goals that will support your achievement

of the unit outcomes.

Each case will be categorised into one of the following areas: Abdomen (including renal), Superficial Parts (thyroid, testes, lumps / bumps, etc), Breast, Obstetrics (first, second or third trimester) & Gynaecology, Vascular (carotid, DVT or other) and Musculoskeletal. Each week of the logbook must be signed by your clinical site supervisor, radiologist, sonographer delegated by the clinical supervisor or sonologist with the appropriate ultrasound qualifications.

The clinical case logbook and further information on how to complete the logbook and minimum examination numbers required are available in the assessment block in the unit Moodle site. Copies have been emailed to your clinical 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 4 term 1 placement and the commencement of year 4 term 2 placement. The 'outside clinical placement' cases must be obtained as either an employee or in a learning capacity with you being supernumerary to workplace requirements.

The outside clinical placement logbook is available in the assessment block in the unit Moodle site.

Please note: The logbook must be verified (signed) by an ASAR accredited sonographer, radiologist or sonologist with appropriate ultrasound qualifications.

Details of either your insurance, or employment, must be entered onto the outside clinical placement logbook.

If you are located at a site which does not provide access to certain scans then it is possible to credit surplus log book numbers from MEDS20002 to MEDS20003. Please contact unit coordinator for permission.

Assessment Due Date

Due on Friday 19th October 2018 at 17:00 AEST. The completed log book must be uploaded by online submission through the unit Moodle site. It is recommended that you submit as soon as you have completed your placement. Any students whose clinical placement dates have been negotiated to extend beyond these due dates will be eligible to apply for an extension via the unit Moodle site.

Return Date to Students

Feedback will be provided to you by the unit coordinator following completion of the assessment.

Weighting

Pass/Fail

Assessment Criteria

You will pass this assessment if you achieve the following minimum numbers in your clinical case log by the conclusion of this clinical placement.

Referencing Style

- [Vancouver](#)

Submission

Online

Submission Instructions

Case Log to be uploaded to unit Moodle site.

Learning Outcomes Assessed

- Perform diagnostic scans to meet the ASA Competency Standards for the Entry Level Sonographer.

Graduate Attributes

- Communication
- Cognitive, technical and creative skills
- Self-management

6 Clinical Attendance and Global Assessment of Professional Attributes

Assessment Type

Off-campus Activity

Task Description

PART A

As a health care professional your attendance is relied upon for the provision of quality patient care. Your absence impacts service delivery and safe patient care. 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 clinical attendance. 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, radiologist or sonologist with appropriate ultrasound qualifications..

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.

If you present a case study during the online tutorial for this unit you will be eligible to enter this time on your clinical attendance form. This can be entered as one hour per case study. You can also attend the zoom tutorial to listen and provide feedback to your peers to enter this time on your attendance form. This will **NOT** be available for students that only watch the recorded tutorial session as the unit coordinator will be unable to verify your attendance.

You can submit 'outside clinical placement' hours if appropriate, to a maximum of half the required hours (320hours). You must be either employed by the clinical site or engaged in a learning capacity which means you are supernumerary to the workplace requirements. The outside clinical placement attendance form is available in the assessment block in the unit Moodle site. Please note: the hours must be verified (signed) by an ASAR accredited sonographer, radiologist or sonologist with appropriate ultrasound qualifications.

Details of either your insurance, or employment, must be entered onto the outside clinical placement attendance form.

PART B

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 required to be in 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, and/or obtaining feedback from supervising sonographers who are doing so. 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.

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 that 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. The mid-placement GAPA assessment is formative, meaning its function is to provide you and your unit coordinator with formal documented feedback on your performance, but 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.

The second GAPA assessment occurs toward the last week of the placement. The end-of-placement GAPA assessment is summative, in that its primary use is to evaluate and document your performance relative to the stated performance targets. The minimum required scores are listed in the Assessment Criteria section below. Your final overall grade in this assessment depends on where you stand relative to those performance targets.

The GAPA form and marking criteria is available in the assessment block in the unit Moodle site. A copy has been emailed to your clinical site but it is advisable to provide a printed copy to your clinical supervisor at the commencement of your placement. Please print this form and read it carefully so you understand the criteria against which your professional behaviour will be evaluated. Your clinical supervisor (or designated assessor) will meet with you after completing each assessment to discuss it with you. This is your opportunity to get clarification on any score or comment on the assessment. Once you have had that discussion, you both need to sign and date the assessment. You should complete a brief summary of the discussion. You need to ensure that each completed assessment form has all required documentation, including the name, dated signature and registration number of your assessor as well as your dated signature. Your supervisor will provide you with a copy of the completed assessment form. You will then scan it and upload the file into the unit Moodle site using the link provided.

It is your responsibility to ensure that you remind your clinical supervisor at least a week prior to the assessment that it needs to be done, and book a meeting with him/her toward the end of the week that the assessment is due. This gives your supervisor the opportunity to collect feedback and to designate an alternate assessor if he/she will not be available. If there are extenuating circumstances at the clinical facility that prevent you from being assessed during the required weeks, you must contact the unit coordinator in a timely manner. This will require obtaining approval for an assessment extension via the unit Moodle site. It is also your responsibility to ensure regular access to the technology needed to upload your assessment by the submission due dates. In the absence of an approved assessment extension, if you have not met all of the requirements listed in the Assessment Criteria section by the stated due dates, you will fail this assessment, and because this is a pass/fail course that means you will receive a Fail grade for the unit. On occasion, clinical sites inform us of student behaviours which either: compromise the reputation of the clinical site and/or the University, compromise patient / staff safety and/or well-being. In these instances students are notified that they must cease attendance at the clinical site and discuss their position with the unit coordinator and head of course. This may result in applying student behavioural misconduct procedures in line with the CQUniversity Student Behavioural Misconduct Procedure.

Assessment Due Date

PART A: Due on Friday 19th October 2018 at 17:00 AEST. The completed clinical attendance form must be uploaded by online submission through the unit Moodle site. It is recommended that you submit as soon as you have completed your placement. Any students whose clinical placement dates have been negotiated to extend beyond these due dates will be eligible to apply for an extension via the unit Moodle site. PART B: Mid placement GAPA due Friday 24th of August 2018 17:00 AEST. End of placement GAPA due Friday 19th October 2018 17:00 AEST.

Return Date to Students

Performance and attendance assessments will be collated by the unit coordinator following completion of the assessment. Feedback will be provided to you by your clinical supervisor. If the attendance requirements are not met the unit coordinator will follow up. Feedback regarding the GAPA will be provided to you by your clinical supervisor following completion of the assessment. If assessment conditions are not met the unit coordinator will follow up.

Weighting

Pass/Fail

Minimum mark or grade

This is a pass/fail assessment item. PART A: You must achieve a minimum of 640 hours of clinical placement to pass this assessment. PART B: You must achieve minimum required scores for each section in your end-placement GAPA to pass this assessment.

Assessment Criteria

PART A

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.

PART B

The criteria for assessment are detailed on the GAPA form in the form of required behaviours and attributes. The assessor will use the stated 1 - 6 scale to indicate the frequency and extent to which you demonstrate each of those. The required behaviours and attributes are grouped into 3 sections, each with its own minimum required scores.

For Section 1: Initiative and Communication, which has nine required behaviours, the minimum required set of scores are:

- no more than 1 score of 'No or insufficient opportunity to assess' (NA),
- no scores of 1 or 2,
- no more than 1 score of 3, and
- the remainder of behaviours scored at 4 or higher.

For Section 2: Responsibility and Demeanour, which has ten required behaviours, the minimum required scores are:

- no more than 1 score of NA,
- no scores of 1, 2 or 3,
- no more than 4 scores of 4, and
- the remainder of behaviours scored at 5 or higher.

For Section 3: Overall Technical Knowledge and Skill, which has three required behaviours, the minimum required scores

are:

- no scores of NA and
- all behaviours scored at 4 or higher

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 due dates listed,
- on the end-of-placement assessment, meet the minimum required scores in all three sections,
- ensure the documentation of each assessment is complete, and
- upload each completed assessment form into the unit Moodle site by the due date.

If minimum required 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 MEDS20003 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 visit will follow.

Review of your progress will be completed a short time after the mid placement one, at any time as requested by your supervisor or unit coordinator. Unsatisfactory scores at this second GAPA will result in a fail grade for MEDS20003.

Occasionally student behaviour is beyond acceptable risk to clinical sites. Clinical supervisors contact CQUniversity academics immediately when that 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 of MEDS20003. Where such risk exists your placement will terminate immediately. It is difficult to place such students in the clinical environment again. Your continued progress within the sonography course may be at risk.

Referencing Style

- [Vancouver](#)

Submission

Online

Submission Instructions

Online submission of the completed form via the unit Moodle site.

Learning Outcomes Assessed

- Apply appropriate professional and interpersonal skills to sonographic practice in accordance with CQUniversity postgraduate attributes and requirements for external professional accreditation.

Graduate Attributes

- Communication
- Self-management
- Ethical and Professional Responsibility

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