



MEDS13002 Sonographic Skills Development 2

Term 1 - 2018

Profile information current as at 24/04/2024 02:18 am

All details in this unit profile for MEDS13002 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 unit advances your preparation for the clinical workplace through the development of ultrasound scanning skills in transvaginal female pelvis, lower extremity venous, and carotid ultrasound studies. You are required to demonstrate the skills, knowledge, and professional behaviours needed to work in a clinical setting, and will be assessed within a simulated environment.

Details

Career Level: *Undergraduate*

Unit Level: *Level 3*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Prerequisite: MEDS12007 Medical Sonography Clinical Course 1 AND MEDS12006 Ultrasound of Obstetrics and Gynaecology 1 AND Corequisite: MEDS13008 Vascular Sonography

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 1 - 2018

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

Class Timetable

[Regional Campuses](#)

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

[Metropolitan Campuses](#)

Adelaide, Brisbane, Melbourne, Perth, Sydney

Assessment Overview

1. **Practical Assessment**

Weighting: Pass/Fail

2. **Practical Assessment**

Weighting: Pass/Fail

3. **Practical Assessment**

Weighting: Pass/Fail

4. **Online Quiz(zes)**

Weighting: Pass/Fail

5. **Written Assessment**

Weighting: Pass/Fail

6. **On-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 Student feedback

Feedback

A few students asked for all lectures to be released in the first week of the module, so students have access to them all - no need to divide into weeks. This was done for the carotid module, and was found to be good.

Recommendation

All lectures will be released before the start of each of the three modules, so students have access to them all from the start. This will help them with quiz preparation and study also.

Feedback from Student feedback

Feedback

Some students want more practise times.

Recommendation

In 2017, there were two more practise days and one more manned practise compared to SSD2 in 2016. With both years (with the original amount of practises and the extra practises this year), there was a pass rate of 89%. This indicates that both years there have been enough practises for the majority of students to be successful in this unit. As the labs are shared with second year students in term 1 and the need to be equitable on all campuses, additional practise days are not available.

Feedback from Student feedback

Feedback

Some students felt that the protocols were too strict with the need for surveying and imaging in a set order. They felt that there should be more flexibility around the order images are taken, especially in an exam situation like the practical skills assessments are.

Recommendation

A part of this unit, and all of the scanning skills units, is for the students to learn to follow set protocols, which have been written by experienced sonographers. Industry and university expectations of students is that they are able to adhere to protocols, including order and images required. Radiologists who report the ultrasounds do not have time to go through images to try and find a specific one, but expect them to be laid out in an orderly way, and the MEDS13002 protocols reflect this order. The pressure students experience while doing practical skills assessments can be comparable with when they are scanning on clinical placement and being observed - learning the foundation steps of following a set protocol ensure that when the student comes across a challenge (difficult patient, pathology, etc), they are able to image the anomaly then go back to the routine protocol, and complete the full scan.

Unit Learning Outcomes

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

1. Apply the practical skills and critical thinking necessary to perform a sonographic examination of a transvaginal female pelvis, the lower extremity veins for DVT, and carotid ultrasound study
2. Critically reflect upon own professional practice utilising constructive feedback
3. Display professional behaviour, teamwork, and communication skills consistent with safe sonographic practice.

Australasian Sonography Association Competency Standards for the Entry Level Sonographer
Units- 1,2,4,5,9,10 & 13

Alignment of Learning Outcomes, Assessment and Graduate Attributes



N/A
Level



Introductory
Level



Intermediate
Level



Graduate
Level



Professional
Level



Advanced
Level

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 - Online Quiz(zes) - 0%	•		
5 - Written Assessment - 0%		•	
6 - On-campus Activity - 0%			•

Alignment of Graduate Attributes to Learning Outcomes

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

Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - Practical Assessment - 0%	•	•	•			•	•	•		
2 - Practical Assessment - 0%	•	•	•			•	•	•		

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
3 - Practical Assessment - 0%	•	•	•			•	•	•		
4 - Online Quiz(zes) - 0%	•	•		•		•				
5 - Written Assessment - 0%	•	•	•		•				•	
6 - On-campus Activity - 0%	•	•	•		•		•	•		

Textbooks and Resources

Textbooks

MEDS13002

Prescribed

Clinical Doppler Ultrasound

Edition: 3rd (2014)

Authors: Pozniak, M & Allan, P

Elsevier Health Sciences

London , UK

ISBN: 9780702050152

Binding: Other

[View textbooks at the CQUniversity Bookshop](#)

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Access card to CQUniversity campus (Melbourne students)
- Access card to the Ultrasound Imaging Lab (Mackay students)
- Access to Philips iSite PACS

Referencing Style

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

For further information, see the Assessment Tasks.

Teaching Contacts

Celia Tinetti Unit Coordinator

c.tinetti@cqu.edu.au

Schedule

Week 1 - 05 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
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MONDAY 5th March 2018 - two compulsory on-campus attendance events:

Lab Induction 11:00 am - 11:30 pm
****Lab induction is compulsory before student can attend any labs, including practises****

Compulsory on-campus Zoom session 11:30am MEL/SYD, 10:30am Qld

This zoom session covers requirements for the Professional Behaviour assessment, and it is compulsory that all students attend on campus. MEL and SYD students will attend this **after** their lab induction and Qld students will attend this **before** their lab induction due to daylight savings.

Students failing to attend either event will incur one Lapse in Professionalism point for each event missed.

Debriefing from clinical visits to follow lab induction - lunch provided - second years are also welcome to join!

Submission of Lab Agreement due 9/3/18 5pm AEDT
Submission of Consent Form due 9/3/18 5pm AEDT

**Lab Induction (Monday)
 Mod 1: Lower Extremity Venous for DVT (Tuesday)**

Prescribed text:

- Pozniak (2014): Chapter 1 pg. 1-24; Chapter 5 pg. 94-102

Supplementary text:

- Curry & Tempkin (2011): Chapter 29 pg. 589-593
- Rumack et al. (2011): Chapter 27 pg. 1023-1026

Week 2 - 12 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Mod 1: Lower Extremity Venous for DVT	Prescribed text: • Pozniak (2014): Chapter 5 pg. 103-114 Supplementary text: • Rumack et al. (2011): Chapter 27 pg. 1027-1033	Quiz 1: Opens Tuesday 10am; closes Wednesday 6pm (AEDT).

Week 3 - 19 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Mod 1: Lower Extremity Venous for DVT		Skills Test 1: Lower Extremity Venous for DVT Practical Assessment A - Lower Extremity Venous System for Deep Vein Thrombosis Due: Week 3 Tuesday (20 Mar 2018) 5:00 pm AEST

Week 4 - 26 Mar 2018

Module/Topic	Chapter	Events and Submissions/Topic
Mod 2: Carotid Ultrasound	Prescribed text: • Pozniak (2014): Chapter 2 pg. 26-37; Chapter 3 pg. 39-50 Supplementary text: • Rumack et al. (2011): Chapter 25 pg. 957-991	Quiz 2: Opens Tuesday 10am; closes Wednesday 6pm (AEDT).

Week 5 - 02 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
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Mod 2: Carotid Ultrasound

Prescribed text:

- Pozniak (2014): Chapter 3 pg. 50-66

Break Week - 09 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
	ENJOY YOUR BREAK!	NOTE: Third year unmanned practises are on Monday and Tuesday this week - please schedule on Googledocs. If you prefer to attend campus for only one day, you can organise with another student to swap sessions, so one of you comes in the Monday, and the other one comes in on the Tuesday. This has to be by mutual agreement ONLY - please mark on Googledocs who you have swapped your scanning session with. PLEASE remember, you need to leave equal time to be the patient and the scanner!

Week 6 - 16 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
Mod 2: Carotid Ultrasound	Supplementary text: • Oates, CP, Naylor, AR, Hartshorne, T, Charles, SM, Fail, T, Humphries, K, Aslam, M, Khodabakhsh P 2009, 'Joint Recommendations for Reporting Carotid Ultrasound Investigations in the United Kingdom', <i>European Journal of Vascular and Endovascular Surgery</i>	<i>The mock assessment for the carotid skills test will be held in this week's lab</i>

Week 7 - 23 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
Mod 2: Carotid Ultrasound		Skills Test 2: Carotid Ultrasound Practical Assessment B - Carotid Study Due: Week 7 Tuesday (24 Apr 2018) 5:00 pm AEST

Week 8 - 30 Apr 2018

Module/Topic	Chapter	Events and Submissions/Topic
Mod 3: Transvaginal Female Pelvis	Supplementary text: • Curry & Tempkin (2011): Chapter 19 pg. 325-349 • Rumack et al. (2011): Chapter 15 pg. 547-548, 550-552	Quiz 3: Opens Tuesday 10am; closes Wednesday 6pm (AEST).

Week 9 - 07 May 2018

Module/Topic	Chapter	Events and Submissions/Topic
		NO LAB THIS WEEK - 1st Year Residential School NOTE: Brisbane and Mackay practises to be held on Friday 11/5/18 in lieu of practise missed for QLD public holiday 7/5/18.

Week 10 - 14 May 2018

Module/Topic	Chapter	Events and Submissions/Topic
Mod 3: Transvaginal Female Pelvis	Supplementary text: • Curry & Tempkin (2011): Chapter 19 pg. 372-373 • Rumack et al. (2011): Chapter 15 pg. 552-571, 576-595	

Week 11 - 21 May 2018

Module/Topic	Chapter	Events and Submissions/Topic
Mod 3: Transvaginal Female Pelvis		Skills Test 3: Transvaginal Female Pelvis Practical Assessment C - Transvaginal Female Pelvis Study Due: Week 11 Tuesday (22 May 2018) 5:00 pm AEST

Week 12 - 28 May 2018

Module/Topic	Chapter	Events and Submissions/Topic
All re-sit practical skills assessments	To be held on Tuesday and Wednesday - all students to be available for patient pool from Monday to Wednesday inclusive.	ALL RE-SITS Submission of Formative Feedback Forms and Scan Lab Attendance Record due 1/6/18 5pm AEST Written Assessment Due: Week 12 Friday (1 June 2018) 5:00 pm AEST

Term Specific Information

Unit coordinator for Term 1, 2018 is Celia Tinetti. Celia can be reached at c.tinetti@cqu.edu.au or by phone on 03 9616 0528.

This is a non-graded, pass/fail unit. Please be aware the updated *Assessment Policy and Procedure (Higher Education Coursework)* states: '4.21 In a pass/fail unit, students who fail a single assessment or who fail a pass/fail component of a graded unit will be deemed to have failed that unit.' In the event of one or more components being graded a fail, all components will again need to be passed to successfully complete the unit. Please be aware that this unit is scheduled to run once a year only - the next delivery will be in Term 1, 2019. All written assessment items must be submitted accurately and in the correct format by the due date, as there is no opportunity to apply a 5% penalty due to the pass/fail nature of each assessment task. The full documents for *Assessment Policy and Procedure (Higher Education Coursework)* and *Grades and Results Procedure* can be accessed on the CQUni IMPortal http://policy.cqu.edu.au/Policy/policy_list.do.

Attendance at all skills labs for this unit is mandatory - this includes three practical assessment days, and re-sit practical assessments if needed. Skills labs are held on Tuesdays; re-sit assessments if required will be on either Tuesday or Wednesday of week 12. You must notify the unit coordinator and local lab staff (phone, email, text) **before** the start of compulsory labs if you are unable to attend or anticipate being late; this includes practical assessment days. Labs missed for a valid reason require supporting documentation, and you are advised to contact the unit coordinator to organise time to make up for the missed scanning time during practise sessions. Any lab missed without valid reason, supporting documentation, and prior notice or approval, or being late to labs more than twice will warrant a Lapse in Professionalism point (see assessment 6 for more information on Lapses in Professionalism).

Medical or health-related certificates must be 'in the approved form' as articulated in the [CQUniversity](http://www.cqu.edu.au)

[Assessment Policy and Procedure \(HE Coursework\)](#), section 4.53.

Please note, 4.53 (f), *A required medical or health-related certificate 'in the approved form' meets all the following criteria: Contains sufficient evidence to enable an informed decision regarding the application. Non-specific statements that are not acceptable include but are not limited to the following: "the student is not fit for duty" and "the student is suffering from a medical condition or illness". A statement that "the patient is, in my opinion, suffering from a medical condition, the exact nature of which I cannot divulge for reasons of patient privacy" would be acceptable.*

You **must** notify staff **before** beginning scanning on any day (compulsory labs, manned practise, unmanned practise, and practical skills assessments) if you are injured or ill. In the event that your condition could harm or negatively impact either yourself or those around you (e.g. put you at risk of exacerbating an injury, or pass on viral or bacterial infections to other students and staff), you will be sent home and, in the event of it being a compulsory lab or practical skills assessment, will need to provide acceptable medical documentation for your absence as described above. If you cannot attend a practical skills assessment on the scheduled day due to illness or injury and have provided acceptable medical documentation, the unit coordinator will arrange for the practical skills assessment to be undertaken at another time.

There is one manned practise and one unmanned practise most weeks of the term - these are not compulsory but have been found to be necessary to ensure enough practise to pass the practical skills assessments. If you are unable to attend an unmanned practise session (scheduled on GoogleDocs with your peers as patients/scanners), you need to give your partner in these sessions as much notice as possible. This applies if you are running late as well. Professional behaviour is expected in labs and in association with this unit at all times - please see Assessment 6 for further information.

There is a compulsory lab induction at 11am on Monday 5th March 2018 - this must be completed before you can attend the sonography labs in any capacity (labs, manned practise, or unmanned practise) and failure to attend the lab induction will incur a Lapse in Professionalism point. It is your responsibility to coordinate with campus staff to complete the induction in a time that is suitable to lab staff, and no labs may be attended until this is completed.

Please pay close attention to the lab schedule for this unit. You are required to adhere to the Course Dress Code at all times when using the ultrasound simulation labs, including unmanned practises, and the CQU Zero Tolerance Policy will be followed - both of these aspects are covered by the Professional Behaviour assessment and failure to comply will result in Lapse in Professionalism points. The unit is preparation for clinical placement, where it is a requirement to wear the correct uniform and to look like a medical professional at all times. This also includes removing facial piercings, having long hair tied back and away from your face, short neat nails with natural coloured polish if any, and not wearing perfumes - these are not acceptable while on clinical placement (some people react strongly to perfumes).

Important: You **must** be available Monday to Wednesday of week 12 for re-sits or to be a patient for the practical re-sits. Re-examinations for all practical assessments will take place in week 12.

In regard to assessment 4, the three quizzes will be held in weeks 2, 4, and 8, and are open for 32 hours for you to complete them, from 10am AEDT Tuesday to 6pm AEDT Wednesday. In the event that you are unable to complete the quiz in the allocated time and have suitable medical documentation as discussed above, you need to notify the unit coordinator by phone before the end of the quiz (Wednesday 6pm AEST) to be granted an extension to the quiz time.

In regard to assessment 6, **there is a compulsory on-campus Zoom session on Monday 5th March 2018 - this will be held before the Lab Induction at 10:30am for Qld students, and after the Lab Induction at 11:30am for MEL and SYD students** due to daylight savings. This session will go over the Professional Behaviour Assessment to articulate professional behaviour marking criteria and the consequences of exemplary, satisfactory, and unsatisfactory performance. Failure to attend will incur a Lapse in Professionalism point.

Assessment Tasks

1 Practical Assessment A - Lower Extremity Venous System for Deep Vein Thrombosis

Assessment Type

Practical Assessment

Task Description

This is a PASS/FAIL assessment. This assessment requires students to perform a unilateral lower extremity venous study for deep vein thrombosis (DVT), including professional (pre-scan, during, and post-scan) and technical (scanning) requirements that are discussed in the unit lab manual, instructed labs, lectures, and tutorials. These are outlined as follows:

Professional (pre-scan, during, and post-scan) requirements:

- Apply patient care techniques and effective communication to obtain relevant patient history, informed consent, and to direct 'patients' accordingly
- Apply professionalism in dealing with equipment and the scanning setting

Technical (scanning) requirements for a unilateral DVT study:

- Students are required to perform routine sonographic scanning techniques, image optimisation, and acquisition, in a reasonable time period to advanced beginner level. A scanning time limit of 30 mins is applied to this assessment.

Students will be assessed using the 'assessment of readiness for clinical' (ARC) tool, which is available on the unit Moodle site.

To pass this assessment, both the professional and technical components must be graded as a 'pass'. The components are graded separately so that if one is passed and the other is not, only the failed component must be repeated to pass. If the student has failed only the professional component, the full assessment will be repeated, but the student will only be marked on the professional component. There is only ONE opportunity to re-sit either component of the assessment item.

Please carefully review the assessment information and ARC tool posted on the unit Moodle site.

Assessment Due Date

Week 3 Tuesday (20 Mar 2018) 5:00 pm AEST

SKILLS TEST: WEEK 3. Re-sits will be in Week 12.

Return Date to Students

Week 5 Tuesday (3 Apr 2018)

Students will be given a pass/fail result within 10 working days. Individual marks will NOT be released to students.

Weighting

Pass/Fail

Minimum mark or grade

70%

Assessment Criteria

The criteria to receive a 'Pass' are as follows:

A pass rate of 70% of available marks in both the technical and professional components and all bolded points in the professional component must be achieved in order to pass the assessment.

Re-evaluation options:

In the event that a student does not achieve a minimum of 70% or higher or fails one of the bolded items in the professional component of the ARC tool, they will be given ONE opportunity to re-sit the technical and/or professional components in week 12. These will be conducted by a different assessor to that of the first assessment for this module. If the student has failed only the professional component, the full assessment will be repeated, but the student will only be marked on the professional component.

Please be aware that all assessments will be video recorded for moderation purposes. The videos will not be released to students for review.

Referencing Style

- [Vancouver](#)

Submission

Offline

Learning Outcomes Assessed

- Apply the practical skills and critical thinking necessary to perform a sonographic examination of a transvaginal

- female pelvis, the lower extremity veins for DVT, and carotid ultrasound study
- Display professional behaviour, teamwork, and communication skills consistent with safe sonographic practice.

Graduate Attributes

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

2 Practical Assessment B - Carotid Study

Assessment Type

Practical Assessment

Task Description

This is a PASS/FAIL assessment. This assessment requires students to perform a unilateral carotid Doppler, including professional (pre-scan, during, and post-scan) and technical (scanning) requirements that are discussed in the unit lab manual, instructed labs, lectures, and tutorials. These are outlined as follows:

Professional (pre-scan, during, and post-scan) requirements:

- Apply patient care techniques and effective communication to obtain relevant patient history, informed consent, and to direct 'patients' accordingly
- Apply professionalism in dealing with equipment and the scanning setting

Technical (scanning) requirements for a unilateral carotid Doppler study:

- Students are required to perform routine sonographic scanning techniques, image optimisation, and acquisition, in a reasonable time period to advanced beginner level. A scanning time limit of 30 mins is applied to this assessment.

Students will be assessed using the 'assessment of readiness for clinical' (ARC) tool, which is available on the unit Moodle page.

To pass this assessment, both the professional and technical components must be graded as a 'pass'. The components are graded separately so that if one is passed and the other is not, only the failed component must be repeated to pass. If the student has failed only the professional component, the full assessment will be repeated, but the student will only be marked on the professional component. There is only ONE opportunity to re-sit either component of the assessment item.

Please carefully review the assessment information and ARC tool posted on the unit Moodle site.

Assessment Due Date

Week 7 Tuesday (24 Apr 2018) 5:00 pm AEST
SKILLS TEST: WEEK 7. Re-sits will be in Week 12.

Return Date to Students

Week 9 Tuesday (8 May 2018)

Students will be given a pass/fail result within 10 working days. Individual marks will NOT be released to students.

Weighting

Pass/Fail

Minimum mark or grade

70%

Assessment Criteria

The criteria to receive a 'Pass' are as follows:

A pass rate of 70% of available marks in both the technical and professional components and all bolded points in the professional component must be achieved in order to pass the assessment.

Re-evaluation options:

In the event that a student does not achieve a minimum of 70% or higher or fails one of the bolded items in the professional component of the ARC tool, they will be given ONE opportunity to re-sit the technical and/or professional components in week 12. These will be conducted by a different assessor to that of the first assessment for this module. If the student has failed only the professional component, the full assessment will be repeated, but the student will only be marked on the professional component.

Please be aware that all practical skills assessments will be video recorded for moderation purposes. The videos will not be released to students for review.

Referencing Style

- [Vancouver](#)

Submission

Offline

Learning Outcomes Assessed

- Apply the practical skills and critical thinking necessary to perform a sonographic examination of a transvaginal female pelvis, the lower extremity veins for DVT, and carotid ultrasound study
- Display professional behaviour, teamwork, and communication skills consistent with safe sonographic practice.

Graduate Attributes

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

3 Practical Assessment C - Transvaginal Female Pelvis Study

Assessment Type

Practical Assessment

Task Description

This is a PASS/FAIL assessment. This assessment requires students to perform a transvaginal female pelvic exam, including professional (pre-scan, during, and post-scan) and technical (scanning) requirements that are discussed in the unit lab manual, instructed labs, lectures, and tutorials. These are outlined as follows:

Professional (pre-scan, during, and post-scan) requirements:

- Apply patient care techniques and effective communication to obtain relevant patient history, informed consent, and to direct 'patients' accordingly
- Apply professionalism in dealing with equipment and the scanning setting

Technical (scanning) requirements for the transvaginal female pelvis:

- Students are required to perform routine sonographic scanning techniques, image optimisation, and acquisition, in a reasonable time period to advanced beginner level. A scanning time limit of 25 mins is applied to this assessment.

Students will be assessed using the 'assessment of readiness for clinical' (ARC) tool, which is available on the unit Moodle site.

To pass this assessment, both the professional and technical components must be graded as a 'pass'. The components are graded separately so that if one is passed and the other is not, only the failed component must be repeated to pass. If the student has failed only the professional component, the full assessment will be repeated, but the student will only be marked on the professional component. There is only ONE opportunity to re-sit either component of the assessment item.

Please carefully review the assessment information and ARC tool posted on the unit Moodle site.

Assessment Due Date

Week 11 Tuesday (22 May 2018) 5:00 pm AEST

SKILLS TEST: WEEK 11. Re-sits will be in Week 12.

Return Date to Students

Week 11 Thursday (24 May 2018)

Students will be given a pass/fail result within 48 hours to allow for re-sits the following week. Individual marks will NOT be released to students.

Weighting

Pass/Fail

Minimum mark or grade

70%

Assessment Criteria

The criteria to receive a 'Pass' are as follows:

A pass rate of 70% of available marks in both the technical and professional components and all bolded points in the professional component must be achieved in order to pass the assessment.

Re-evaluation options:

In the event that a student does not achieve a minimum of 70% or higher or fails one of the bolded items in the professional component of the ARC tool, they will be given ONE opportunity to re-sit the technical and/or professional components in week 12. These will be conducted by a different assessor to that of the first assessment for this module. If the student has failed only the professional component, the full assessment will be repeated, but the student will only be marked on the professional component.

Please be aware that all assessments will be video recorded for moderation purposes. The videos will not be released to students for review.

Referencing Style

- [Vancouver](#)

Submission

Offline

Learning Outcomes Assessed

- Apply the practical skills and critical thinking necessary to perform a sonographic examination of a transvaginal female pelvis, the lower extremity veins for DVT, and carotid ultrasound study
- Display professional behaviour, teamwork, and communication skills consistent with safe sonographic practice.

Graduate Attributes

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

4 Online Quizzes

Assessment Type

Online Quiz(zes)

Task Description

- There will be **three** separate online quizzes which will be held in weeks 2, 4, and 8. Once available, quizzes are open for 32 hours (i.e. open at 10am on Tuesday and close Wednesday at 6pm AEDT/AEST).
- The content of these quizzes will be anatomy and sonographic protocol and technique for each module, and may include expected prior knowledge relevant to that module. The purpose of these quizzes is to ensure preparation **prior** to the first lab in each scanning module.
- This is an open book quiz, so you have the opportunity to consult your notes, lecture slides, text books, and Moodle page. However, **this assessment is to be undertaken as an individual** - please see below for further details.
- You are allowed **one** attempt at each quiz so please ensure you are prepared beforehand.
- Once the quiz has commenced, approximately 1 minute per question will be given - for example, a 20 question quiz would be given a time limit of 20 minutes to complete. This is subject to change at the discretion of the unit coordinator based on the content of the pool of questions.
- These assessment tasks must be completed on or before the due dates listed.
- No late submissions are permitted after each quiz has closed so please ensure adequate time for completion, with additional time for computer mishaps. If you have computer / quiz access difficulties, you need to contact TaSAC as soon as possible for assistance, and the unit coordinator (after you've contacted TaSAC) if you cannot complete the quiz in the allocated time before the end of the quiz (Wednesday 6pm AEDT/AEST).
- In the event that you are unable to complete the quiz in the allocated time and have suitable medical documentation as discussed above, you need to notify the unit coordinator by phone before the end of the quiz (Wednesday 6pm AEDT/AEST) to be granted an extension to the quiz time.
- In the absence of an approved extension, there will be no opportunity to complete a quiz after it has closed.
- **PLEASE NOTE: Students must achieve a cumulative score of 70% across the three quizzes to pass this assessment - failure to complete one quiz means a maximum possible cumulative score of 66.7% = a FAIL for the quiz assessment and a fail grade for MEDS13002.**
- Quiz dates and topics are as follows:

Week	Date	Quiz#	Topic
------	------	-------	-------

2	13-03-2018	1	Lower Extremity Venous
4	27-03-2018	2	Carotid Study
8	01-05-2018	3	Transvaginal Female Pelvis

Number of Quizzes

3

Frequency of Quizzes

Other

Assessment Due Date

A new quiz will open in weeks 2, 4, and 8 on Tuesday at 10am AEDT (AEST for week 8). Each quiz must be completed by 6pm AEDT (AEST for week 8) the following day (Wednesday in weeks 2, 4, & 8)

Return Date to Students

Students will receive their score once all students have completed the quiz

Weighting

Pass/Fail

Minimum mark or grade

70% cumulatively

Assessment Criteria

Answers will either be correct or incorrect and tabulated by the unit's online Moodle system. Students will receive their score for each quiz once all students have completed that quiz.

Students must achieve a **cumulative** pass rate of 70% across the three quizzes to pass this assessment.

As per Assessment of Coursework Procedures (Section 3 Assessment Extensions), item 3.2.5, "these tests are considered professional assessment tasks and have an absolute submission date. Accordingly, these assessments must be completed by/on the specified date. In the absence of an approved extension, there will be no opportunity to complete the task after this date, and there will be no opportunity to apply a late penalty".

As per section 3.2.6 of the Assessment of Coursework Procedures: "In a non-graded pass/fail unit, all assessment items must be submitted by the due date, as there is no opportunity to apply a five percent penalty, due to the pass fail nature of each assessment task. Students who fail a single assessment task in a pass/fail unit, or who fail a pass/fail component of a graded unit, will be deemed to have failed that unit."

PLEASE NOTE: Failure to complete one quiz means a maximum possible cumulative score of 66.7% = a FAIL grade for this assessment item and a fail grade for MEDS13002.

This is an open book quiz, so you have the opportunity to consult your notes, lecture slides, text books, and Moodle page. However, this assessment is to be undertaken as an individual. As per the Academic Misconduct Procedure document, cheating is defined as "fraud, dishonesty or deceit of any kind in relation to an academic assessment.

Examples include: a. copying or attempting to copy from other students in either an examination or assessment; f. colluding with other students in individual assessments; g. allowing others to provide you with any material that give you an unfair advantage in an assessment; and i. completing an assessment for another person or having another person assisting in the completion of your assessment. Colluding with other students on non-group work tasks is considered academic misconduct, and will be reported to the Deputy Dean of Learning and Teaching (HMAS).

Referencing Style

- [Vancouver](#)

Submission

Online

Learning Outcomes Assessed

- Apply the practical skills and critical thinking necessary to perform a sonographic examination of a transvaginal female pelvis, the lower extremity veins for DVT, and carotid ultrasound study

Graduate Attributes

- Communication
- Problem Solving
- Information Literacy
- Information Technology Competence

5 Written Assessment

Assessment Type

Written Assessment

Task Description

This assessment will require you to complete the documentation set forth in your MEDS13002 SSD2 Lab Manual. This includes:

- A signed Lab Agreement and Consent Form - Sonographic Examination for Teaching Purposes to be uploaded in week 1; Friday 9th March 2018 by 5pm AEDT
- 7 Completed Formative Feedback Forms to be uploaded in week 12; Friday 1st June 2018 by 5pm AEST
- Completed Scan Lab Attendance Record to be uploaded in week 12; Friday 1st June 2018 by 5pm AEST

Uploaded documentation needs to be in pdf format only. Please ensure your surname, first name, student number, and name of what you are uploading is used in the title of the document.

i.e. Celia_Tinetti_s0123456_lab_agreement.pdf.

This assessment includes completion of a "TV Female Pelvis Worksheet" with a minimum mark of 70%. This will be completed just before the TV Female Pelvis practical skills assessment in week 11, with some information required from the "patient".

The purpose of this assessment is to prepare you for professional behaviour, attendance, and documentation responsibilities on clinical placement, as well as to develop self-reflection skills by setting weekly goals and following up on progress. When working clinically, patients and physicians rely on quick, efficient, and complete documentation to issue treatment.

This assessment also ties in with the Professional Behaviour Assessment. You are required to complete your Formative Feedback Forms BEFORE leaving at the end of each lab (as you would be required to complete documentation for each patient's scan before the end of a clinical shift), and to have it signed off by your tutor. You must upload all required documentation for this assessment by the due date and time to obtain a 'pass'. If you do not have all lab days signed off on your Lab Attendance, you will need to write in the reason for this (i.e. sick, didn't get signed - LiP issued, etc.); however, all forms in this assessment must be completed accurately and either signed off or an explanation given to pass this assessment.

Assessment Due Date

Week 12 Friday (1 June 2018) 5:00 pm AEST

You will be required to upload Lab Agreement and Consent Form in week 1; in pdf format. You will be required to upload all 7 of your Formative Feedback Forms, your Scan Lab Record Attendance Sheet, and your cover page in week 12; all in pdf format.

Return Date to Students

A Pass/Fail grade will be appear in gradebooks within 7 working days after due date in week 12.

Weighting

Pass/Fail

Minimum mark or grade

All lab manual documentation must be completed correctly and uploaded on time

Assessment Criteria

Please ensure you check times and deadlines for submissions, and that all paperwork is completed correctly and accurately, including uploading in the required format. Failure to do so will result in a fail mark for that assessment component.

This is a pass/fail assessment task - a fail grade for any component of a pass/fail assessment task will result in a fail grade for the whole assessment task. As this is a pass/fail unit, all components need to be passed to pass this unit. Students will be given a **maximum of two attempts** to upload each item correctly to receive a passing grade for that component. Failure to demonstrate an understanding of the requirements after the second attempt will result in a fail grade for this assessment.

For the worksheet component of this assessment task, a pass rate of 70% of available marks must be achieved in order

to pass this assessment.

Re-evaluation option:

In the event that a student does not achieve a minimum of 70% or higher in the worksheet component, they will be given ONE opportunity to re-sit the worksheet component in week 12.

Referencing Style

- [Vancouver](#)

Submission

Online

Learning Outcomes Assessed

- Critically reflect upon own professional practice utilising constructive feedback

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Team Work
- Ethical practice

6 Professional Behaviour Assessment

Assessment Type

On-campus Activity

Task Description

Professional behaviour is a critical part of any medical imaging profession, and encompasses the manner in which we treat our colleagues, patients, and the professional settings and equipment provided to us. The purpose of this assessment is to ensure that students from the medical sonography course are well-equipped to embody the high standards of professionalism that are expected from CQUniversity students while on their upcoming clinical placements. This assessment will require you to treat each of your lab sessions as a scheduled "work shift" and to exhibit high quality professional attributes to ensure you are prepared to enter the work force with the skills required to provide safe patient care and professional behaviour. As such, this assessment is based on continuous and ongoing assessment of student application and attendance during labs. **Note: this extends to all behaviour exhibited by you during your time studying this unit, up until the end of exam week.** This includes participation in forums and online tutorials, labs, social media etiquette, phone calls, attitude towards peers and staff, and all official correspondence with university staff, peers, and community.

This is a **PASS/FAIL** assessment. This assessment is marked using the Professional Behaviour Assessment (PBA) rubric and incorporates LiPs (lapses in professionalism) - to pass this unit, you need to get 12/15 for your PBA and can receive a **maximum of three LiPs across all descriptors**. i.e. if a fourth LiP is issued, the maximum mark would be 11/15 and the assessment will be graded as a fail. As this is a pass/fail unit, a pass in all assessment items is required to pass this unit.

All interactions with staff and peers pertaining to this unit will be treated as a replica of the clinical work environment. You will be expected to demonstrate all of the professional behaviour that will be expected of you in a formal work environment. LiPs can be issued in three different categories:

1. Professional behaviour towards colleagues and staff,
2. Professional behaviour towards patients, and
3. Professional behaviour towards professional settings and equipment.

Expected behaviour and its relevance to the clinical environment is listed under the *Assessment 6: Professional Behaviour Assessment Description* on the unit Moodle site. You must review this information and be aware of what is expected of you for this unit. Please be aware that having your Formative Feedback Forms signed after your lab day by not bringing them to lab would have consequences in departments in a clinical setting and will warrant a LiP. You will be required to fill out a Formative Feedback Form for each of your labs, but not for the dates of your practical skills tests as outlined in the lab manual. **It is very important that you familiarise yourself with the *CODE OF CONDUCT in the Lab Manual* as well as the *ASAR CODE OF CONDUCT* and the *CQU CODE OF CONDUCT*. All of these documents are posted on the unit Moodle site for your information.**

If unprofessional attitude or behaviour is reported by fellow classmates and not witnessed by a staff member, a written warning detailing the allegations will be issued to the student, and the student's response documented. If further evidence of an on-going unprofessional behaviour surfaces, then a LiP may be issued. This excludes lack of

professionalism displayed in the use of the GoogleDocs practise system, where the unit coordinator is able to access details of when practises are booked or changed.

Up to THREE LiPs can be issued before the assessment is graded as a FAIL. **However, if any exhibited attitude or behaviour is deemed as unsafe or inappropriate for clinical practice, the professional behaviour assessment will be graded as a FAIL at the discretion of the unit coordinator.**

Note: As a reward for demonstrating the professional behaviour we expect in our students, the names of students who get full marks for this assessment are given to clinical academics and clinical placement sites as students who have displayed exemplary professional behaviour throughout the term.

There is a **compulsory on-campus Zoom session on Monday 5th March 2018 at 11:30am for Melbourne and Sydney students** (after the Lab Induction) **and 10:30am for Queensland students** (before the lab induction) regarding requirements for this assessment task. Failure to attend will incur a Lapse in Professionalism point.

Assessment Due Date

Exam Week Friday (15 June 2018) 5:00 pm AEST

Professional behaviour needs to be demonstrated through the whole term; this assessment extends over the entire term.

Return Date to Students

Exam Week Friday (15 June 2018)

A Pass/Fail grade will be uploaded to Gradebooks within 1 working day of due date.

Weighting

Pass/Fail

Minimum mark or grade

Less than four LiP points

Assessment Criteria

Pass/fail assessment.

When a LiP point is felt appropriate, it will be discussed between the student and either the on-site lecturer or the unit coordinator. Written documentation explaining the reason for the issued LiP will be signed by the on-site lecturer or the unit coordinator, and sent to the student via email.

A maximum of THREE LiP points can be obtained to pass this unit - any more than three and the assessment is graded as a FAIL.

Referencing Style

- [Vancouver](#)

Submission

Offline

Learning Outcomes Assessed

- Display professional behaviour, teamwork, and communication skills consistent with safe sonographic practice.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Team Work
- 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