



# MEDS13010 *Quality Practice in Diagnostic Imaging*

## Term 2 - 2018

Profile information current as at 06/05/2024 12:15 pm

All details in this unit profile for MEDS13010 have been officially approved by CQU University 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

In this unit you will apply quality management principles in health care to undertake a limited clinical audit of a medical sonography department. You will propose reasons for adverse events, prioritise action and describe appropriate intervention as part of a quality improvement strategy. Medical imaging departments utilise multiple imaging modalities. Quality practice requires an understanding of the function and use of each imaging modality to appreciate the diagnostic journey for each patient. You will evaluate the complementary role and safety of a range of medical imaging modalities. The unit will utilise multi-modality cases to provide you with an opportunity to practice and develop critical thinking and image interpretation skills for specified disease processes.

### 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

Co-requisite MEDS13006 Medical Sonography Clinical Course 2 Pre-requisite MEDS13002 Sonographic Skills Development 2

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

- Distance

### 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. **Portfolio**

Weighting: 60%

#### 2. **Online Test**

Weighting: 40%

### Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the [University's Grades and Results Policy](#) for more details of interim results and final grades.

## 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 Unit Evaluation

**Feedback**

Textbook - a number of students reported that the textbook was a superfluous resource.

**Recommendation**

Consider if textbook is required.

#### Feedback from Unit Evaluation

**Feedback**

Moodle page opened well in advance with plenty of resources

**Recommendation**

Continue with Moodle layout as previously.

#### Feedback from Unit Evaluation

**Feedback**

A number of students commented that the content was disjointed and they were not sure which parts were most important.

**Recommendation**

Weekly learning objectives should be provided to students.

#### Feedback from Unit Evaluation

**Feedback**

Many students found Assessment 1 (Portfolio) confusing, extremely time consuming and that it added little to their knowledge of this unit content.

**Recommendation**

A review of this assessment piece is recommended. Provide clearer assessment instructions and ensure it is aligned to learning outcomes of the unit.

## Unit Learning Outcomes

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

1. Discuss key aspects of clinical governance, quality improvement, risk management and patient safety cultures in Medical Imaging
2. Employ quality improvement tools and strategies in the context of a clinical sonography environment
3. Describe the safe application of various medical imaging modalities
4. Identify complementary imaging pathways in specified pathologies
5. Correlate the multi-modality image appearance with a disease process.

Linked to National Standards

ASAR Accreditation Standards for Sonography - Units 1-5, 6, 7, 9, 10, 12, 13

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
1 - Portfolio - 60%	•	•			
2 - Online Test - 40%	•		•	•	•

### Alignment of Graduate Attributes to Learning Outcomes

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

### Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - Portfolio - 60%	•	•	•	•	•	•	•	•		
2 - Online Test - 40%	•	•	•	•		•				

### Textbooks

MEDS13010

#### Prescribed

##### **Clinical Radiology - The Essentials**

Edition: 4th (2013)

Authors: Daffner, RH & Hartman, M

Lippincott Williams & Wilkins

Philadelphia , PA , USA

ISBN: 9781451142501

Binding: Hardcover

MEDS13010

#### Prescribed

##### **Enhancing Patient Care: a practical guide to improving quality and safety in hospitals**

First edition (2009)

Authors: Wolff,Alan., Taylor,Sally.

MJA Books, Australasian Medical Publishing Company Limited (AMPCo)

NSW , Sydney , Australia

ISBN: 9780977578665

Binding: Hardcover

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#### Prescribed

##### **Imaging for Students**

(2012)

Authors: Lisle, DA

Taylor and Francis

London , UK

ISBN: 9781444121827 1444121820

Binding: Hardcover

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#### Prescribed

##### **Sectional Anatomy for Imaging Professionals**

Edition: 3rd (2013)

Authors: Kelley, L.L., Petersen, C.M.,

Mosby Elsevier

St Louis , MO , USA

Binding: Hardcover

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#### Prescribed

##### **Workbook for Sectional Anatomy for Imaging Professionals**

Edition: 3rd (2012)

Authors: Kelley & Peterson

Mosby Elsevier

St Louis , MO , USA

Binding: Hardcover

#### Additional Textbook Information

**Other resources may be available at CQUniversity Library. Note: Students are encouraged to consider obtaining access to the above textbooks that will assist them to study and pass this unit: All are available as ebooks directly from the publishers, but if you prefer paper textbook, you can purchase them at the CQUni Bookshop here. IT Resources You will need access to the following IT resources:**

**These are not compulsory, but may assist you for comparative imaging.**

[View textbooks at the CQUniversity Bookshop](#)

## IT Resources

You will need access to the following IT resources:

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

## Referencing Style

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

## Teaching Contacts

**Robyn Boman** Unit Coordinator  
[r.boman@cqu.edu.au](mailto:r.boman@cqu.edu.au)

## Schedule

### Week 1 - 09 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Introduction & Clinical Governance. Sonographer Longevity.	<b>Textbook:</b> <ul style="list-style-type: none"><li>• Wolff A., Taylor S. 2009. Enhancing Patient Care: A Practical Guide to Improving Quality and Safety in Hospitals. Pages 1-16.</li></ul>	Zoom Tuesday 8:00.pm.
	<b>Readings:</b> <ul style="list-style-type: none"><li>• Baird M., Lombardo P.2005. Establishing competency in clinical practise. Sound Effects issue 4. pages 23-27.</li><li>• Clay N., 2004 Strategies for Eliminating the Sonographer Shortage: Recruitment, Retention, and Educational Perspectives. JDMS. 20: 408-413.</li></ul>	

### Week 2 - 16 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
Quality Improvement- Closing The Gaps in Patient Care	<b>Textbook:</b> <ul style="list-style-type: none"><li>• Wolff A., Taylor S. 2009. Enhancing Patient Care: A Practical Guide to Improving Quality and Safety in Hospitals Pages 17-36</li></ul>	Zoom Tuesday 8:00 pm.
	<b>Readings:</b> <ul style="list-style-type: none"><li>• Hoe. J., 2007. Quality Service in Radiology. Biomed Imaging Interv J., 3(3):e24</li><li>• Chervenak FA., Chervenak JL., 2012. Medico-legal Issues in Obstetric and Gynecological Ultrasound.Litigation- A personal account.</li><li>• Suzanne Marchall, Sound Effects Editorial. Issue 2. 2010</li></ul>	

**Week 3 - 23 Jul 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Risk Management and Adverse Events. Detecting Adverse Events.	<p><b>Textbook:</b></p> <ul style="list-style-type: none"> <li>• Wolff A., Taylor S. 2009. Enhancing Patient Care: A Practical Guide to Improving Quality and Safety in Hospitals Pages 37-47 &amp; 49-93.</li> </ul> <p><b>Readings:</b></p> <ul style="list-style-type: none"> <li>• Fitzgerald R. 2001. Error in Radiology 56: 938-946. Sanders R.C.,</li> <li>• Kiss J., 1998 What the Sonographer should know about bio-effects of Ultrasound. Sound Effects; 27-30.</li> </ul>	Zoom Tuesday 8:00 pm.

**Week 4 - 30 Jul 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Risk Management in Radiology.	<p><b>Textbook:</b></p> <ul style="list-style-type: none"> <li>• Wolff A., Taylor S. 2009. Enhancing Patient Care: A Practical Guide to Improving Quality and Safety in Hospitals Pages 95-117.</li> </ul> <p><b>Readings:</b></p> <ul style="list-style-type: none"> <li>• Risk Management in Radiology in Europe: Pages 1-12</li> <li>• How to Manage Work Health and Safety Risks Code of Practise. 2011.Pages 1-27.</li> <li>• Healthcare risk assessment made easy. 2007. MHS National Patient Safety Agency</li> <li>• Comprehensive Clinical Audits of Diagnostic Radiology Practises: A Tool for Quality Improvement. 2010.</li> <li>• International Atomic Energy Agency. Vienna.Russell s., 2014</li> </ul>	Zoom Tuesday 8:00 pm.

**Week 5 - 06 Aug 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Closing the Gaps in Care through a practical framework.	<p><b>Textbook:</b></p> <ul style="list-style-type: none"> <li>• Wolff A., Taylor S. 2009. Enhancing Patient Care: A Practical Guide to Improving Quality and Safety in Hospitals.Pages: 119-153 &amp; 155-187</li> </ul> <p><b>Readings:</b> the Nature, Causes and Extent of Musculoskeletal injuries among Sonographers:</p> <ul style="list-style-type: none"> <li>• Recommendations for Treatment and Prevention. JDMS. 20:317-325</li> <li>• Tierney H. 2012. Why Sonographers need Personal Indemnity Insurance. Sound Effect 1: pages 12-14.</li> <li>• Walvoddrd K. 2006. Understanding Sonographer Burnout. JDMS 22:200-205.</li> </ul>	Zoom Tuesday 8:00 pm.

**Vacation Week - 13 Aug 2018**

Module/Topic	Chapter	Events and Submissions/Topic
Break Week.		

**Week 6 - 20 Aug 2018**

Module/Topic	Chapter	Events and Submissions/Topic

**Textbook:**

• Wolff A., Taylor S. Enhancing Patient Care: A Practical Guide to Improving Quality and Safety in Hospitals 2009. Pages 189-201.

**Readings:**

• Donnelly L. Dickerson J. Goodfriend M. Meuthing S. 2010. Improving Patient Safety in Radiology. AJR:195 1183-1187.

• Taylor J. 2002 The Public Life of a Fetal Sonogram and The Work of The Sonographer. JDMS. 18:367-379

• Manchester Patient Safety Framework. 2006. NHS National Patient Safety Agency.

Patient Safety Culture.

Zoom Tuesday 8:00 pm.

**Week 7 - 27 Aug 2018****Module/Topic****Chapter****Events and Submissions/Topic**

Quality Management in Medical Sonography.  
Quality Assurance in Medical Imaging.

**Readings:**

• Papp J., 2011. Quality Management in the Imaging sciences. 4th Edition. Mosby. Chapter 1-16

• Persutte W. 2002. It's about time. JDMS. 18:52-58

• Russell s., 2014 Ultrasound Quality Assurance and equipment governance. Ultrasound ; 22:66-69

• Johnston D. et al. 2014. Designing a Safer Radiology Department. AJR: 198: 398-404.

Zoom Tuesday 8:00 pm.

**Week 8 - 03 Sep 2018****Module/Topic****Chapter****Events and Submissions/Topic**

Comparing Imaging Modalities

Zoom Tuesday 8:00 pm.

**Week 9 - 10 Sep 2018****Module/Topic****Chapter****Events and Submissions/Topic**

Abdomen and Pelvis

Zoom Tuesday 8:00 pm.

**Week 10 - 17 Sep 2018****Module/Topic****Chapter****Events and Submissions/Topic**

Breast Imaging - 1

Zoom Tuesday 8:00 pm.

**Week 11 - 24 Sep 2018****Module/Topic****Chapter****Events and Submissions/Topic**

Breast Imaging - 2

Zoom Tuesday 8:00 pm.

**Week 12 - 01 Oct 2018****Module/Topic****Chapter****Events and Submissions/Topic**

Musculoskeletal Ultrasound (MSK)

Daylight Saving starts 7th October 2018

**Adverse Event Report** Due: Week 12 Thursday (4 Oct 2018) 5:00 pm AEST

**Review/Exam Week - 08 Oct 2018****Module/Topic****Chapter****Events and Submissions/Topic**

On-line test: **opens** Thursday 09:00

**Exam Week - 15 Oct 2018**



Module/Topic	Chapter	Events and Submissions/Topic
		On-line test: <b>closes</b> Thursday 09:00 AEST  Assessment 1 due back Thursday
<b>Week 16 - 29 Oct 2018</b>		
Module/Topic	Chapter	Events and Submissions/Topic
		<b>Return date</b> for on-line test: Thursday 9:00 am AEST

## Term Specific Information

The unit coordinator for MEDS13010 is Robyn Boman. The best way to contact Robyn is by e-mail: r.boman@cqu.edu.au CQUniversity phone number is 02 93245057. Days of work are Tuesday, Wednesday and Thursday. Please use email whenever possible.

The online tutorials are an opportunity to ask questions, gain feedback and join in discussions concerning theoretical concepts and completion of assessment tasks. The tutorials are offered in evening sessions as this allows students on clinical placement to attend.

Access to the internet is required to undertake this unit, as unit materials, tutorials and updates will be provided via Moodle, email and Zoom. It is important to check your student email regularly as updates about the unit will be sent from the unit coordinator via email.

## Assessment Tasks

### 1 Adverse Event Report

#### Assessment Type

Portfolio

#### Task Description

#### Assessment Title

#### Quality Management Report

#### Task Description

Undertaking a clinical audit, as part of a quality management process, occurs in all imaging practices on a cyclical basis. In this assessment, you will complete a small part of a clinical audit. Successful completion of this assessment is a course requirement of the Australian Sonographers Accreditation Registry (ASAR).

You will prepare a 2000 word (+/- 10%) report about quality management in a medical imaging workplace. This will include identifying adverse events, identifying contributing factors, near misses or potential adverse events and suggesting recommendations for quality improvement.

#### Purpose:

Quality practice in healthcare aims to enhance patient care through reduction in morbidity and mortality. When an adverse event in health care occurs, it can have devastating and far-reaching effects. It may have an impact on the reputation of the healthcare organisation, the service or the profession within which the incident occurred and impact those directly involved such as patients, relatives, staff and visitors.

#### Details:

You will complete a report on actual or possible adverse events, near-misses, quality management factors, risk assessment and patient safety in a Medical Imaging Department. Your responses can include your own, or a colleague's experiences or observations in any clinical sonography environment.

This assessment task involves completing a series of tasks. Many of these require understanding of quality management terminology and concepts to explain your experiences and recommendations. Explanations of terminology and the relevance of various findings are in your prescribed text. This text includes worked examples of many of your tasks below. Other exemplars and resources are on the unit Moodle site

Complete the following tasks to produce your report:

**1. Describe problems in the sonographic environment and identify contributory factors.**

a. List 5 (five) adverse events from within a clinical sonographic department and describe two (2) in depth. Identify these from personal observations, oral recollections by colleagues or written accounts. For example, not correctly identifying the patient.

b. Identify contributory factors: Complete a Fishbone diagram for one adverse event from part 1a. In the Fishbone diagram, you must identify the root cause(s) of this event. This information will enable you to construct a strategy of prevention or minimization. A completed example of a Fishbone diagram is on the unit Moodle site to guide you.

**2. Developing a model action plan for change to improve care is time and work intensive. It requires a framework for quality task force participants to follow without skipping steps. One such problem-solving model is the FADE method of effective problem solving (Krasker et al. 1992). Analyse one adverse event described in question 1 using part of the FADE method (focus, analyse, develop and execute) of effective problem solving.** Details of the FADE method are on the unit Moodle site. Your text is a key source of information for this task. Note: You will not be undertaking the 'execute' part of the FADE method.

**3. Complete quality management tasks (a-e) below about one (1) of the adverse events identified in part 1 (this may differ from the event analysed in 2).**

Your text is a key source of information for this task.

a. **Management causation scale**, describe whether medical management rather than disease process caused an adverse event

b. **Medical management analysis severity scale**, to rate the severity and preventability of an adverse event

c. **An error cause scale.**

d. **Assessment of the preventability of adverse errors.**

e. **What further action would you recommend?**

Include discussion of opportunities to implement proactive risk management methods, such as barriers, trigger tools, benchmarking, indicators, national databases and methods to facilitate patients taking an active role in prevention

**4. Complete a risk assessment matrix for ten (10) possible hazards in the clinical workplace.**

This will involve describing ten possible hazards and the risk(s) associated with each hazard. Complete an evaluation of each risk using a risk matrix/register and evaluate precautions likely to reduce consequences and /or likelihood of a recurrence. Further details are on the Unit Moodle site.

**5. Measure and evaluate the patient safety culture in your clinical workplace using the Manchester Patient Safety Framework Evaluation Sheets. Work with a partner in your clinical workplace to complete this.**

Further details are on the Unit Moodle site.

Submit the completed Manchester Patient Safety Framework Evaluation Sheets and produce a brief written discussion of your results.

**Your final report will include**

- cover page,
- contents page,
- data presented in figures, tables or diagrams,
- discussion of results, or further action, for some tasks
- short directive paragraphs and objective language

An introduction and conclusion is not required. Recommendations for improvement will relate to specific sections of the portfolio.

Please note:

- Assessment length should be 2000 (+/-10%) words, excluding references (including in-text), diagrams, tables, graphics and completed quality improvement tools.
- Diagrams must be cited / referenced.
- The list of references should be contained at the end of the assessment.
- Use the Vancouver referencing system.

**Assessment Due Date**

Week 12 Thursday (4 Oct 2018) 5:00 pm AEST

Referencing Style: Vancouver Submission: Online Include a title page with student, unit and assessment details. Please save/upload your file in Word format (.doc or .docx) so I can open the file and mark in Word

**Return Date to Students**

Exam Week Thursday (18 Oct 2018)

Students will receive their grades through the Gradebook

**Weighting**

60%

**Minimum mark or grade**

50%

**Assessment Criteria****Your assessment will be evaluated using the following Criteria**

- Production of a complete, informative quality management portfolio.
- Informed rationale for choices made.
- Application of concepts to analysis of events, observations and data collected.
- Proposal of relevant, feasible plans for improvement.
- Explicit organisation in a logical way, including use of appropriate titles, headings and sub-headings.
- Relevancy and prioritisation of content.
- Application of concepts and correct use of terminology.
- Information supported by credible, up to date references correctly cited.
- Correct labeling of legible diagrams, tables and graphics appropriately cited.
- Correct use of terminology of quality practice.
- Critical analysis, and application of relevant theory to data collected.
- Accurate completion of quality improvement tools.
- Correct grammar and spelling.
- Adherence to the word limit.
- Use of footers with student/ assessment name & number and page number on each page.
- Legible font 12 pt.
- Marking rubric available on your unit Moodle site

**Referencing Style**

- [Vancouver](#)

**Submission**

Online

**Submission Instructions**

Online Include a title page with student, unit and assessment details. Please save/upload your file in Word format (.doc or .docx) so I can open the file and mark in Word.

**Learning Outcomes Assessed**

- Discuss key aspects of clinical governance, quality improvement, risk management and patient safety cultures in Medical Imaging
- Employ quality improvement tools and strategies in the context of a clinical sonography environment

**Graduate Attributes**

- Communication
- Problem Solving
- Critical Thinking

- Information Literacy
- Team Work
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

## 2 Online Test

### Assessment Type

Online Test

### Task Description

#### Online Test

An on-line test will be conducted to assess your understanding of the content of this unit and its application. The test will be accessed through the tab on the Unit Moodle site and you will require internet access to complete this test.

**TEST FORMAT :** This online-test will be short answer questions

**NUMBER of QUESTIONS.**10 questions. Each Question will be worth 10 marks.

The questions will be drawn from a question bank of 30 questions at random.

**TIME LIMIT :** The test will be open for 90 minutes which will allow you 9 minutes for each question. Only 1 attempt at the quiz is allowed.

Once the test is commenced it cannot be paused, stopped or re-started and once you have completed the test, it cannot be re-taken.

**Students must attempt all questions.**

The on-line test will be open for one week from Thursday Week 13, 2018 until Thursday Week 14, October 2018.

The on-line test must be completed within this time frame.

**RETURN DATE:** 2 weeks after online-test closes.

### Assessment Due Date

### Return Date to Students

### Weighting

40%

### Minimum mark or grade

50%

### Assessment Criteria

The questions for this on-line test will be drawn from a pool of questions to allow tests to be different for each student. Image viewing tests may be included and questions will cover various imaging modalities.

You will need to allocate a **90 minute** period of time during that week that the test is open where you have good internet connection to allow the test to be completed. Your answers need to be detailed enough to allow you to gain 10 marks for each answer you provide.

Please note. You must complete this test before Thursday the 5th October at 2:00pm as the test will automatically close at this time. If you have not completed the on-line test by this time, your test may be submitted with no answers.

**It is your responsibility to ensure you have the test well and truly completed before Exam Week Thursday at 9:00am.**

This test is to be completed on-line and is an open book exam, however, there will be limited time to look up answers. The test is time limited with only 9 minutes allowed for you to type in your answer to each question. You will find it useful to produce your own notes from the unit material to help you during the test as the time limit will not permit extensive searching through the unit material.

You need to obtain a minimum score of 50% in the on-line test to pass the unit.

### Referencing Style

- [Vancouver](#)

### Submission

Online

### Submission Instructions

On-line. You need to access the test through the assessment tab on Moodle and will need to maintain continuous internet access for 90 minutes to complete the test.

### Learning Outcomes Assessed

- Discuss key aspects of clinical governance, quality improvement, risk management and patient safety cultures in Medical Imaging

- Describe the safe application of various medical imaging modalities
- Identify complementary imaging pathways in specified pathologies
- Correlate the multi-modality image appearance with a disease process.

#### **Graduate Attributes**

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

## 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