



PODI13009 Neurovascular Medicine in Podiatry Practice

Term 1 - 2024

Profile information current as at 02/05/2024 07:20 am

All details in this unit profile for PODI13009 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.

Corrections

Unit Profile Correction added on 22-04-24

There has been an update to due dates for assessments due to a unit schedule clash. The due dates are as follows:

1. On-campus Activity (Critical Appraisal of Literature Presentation)

Weighting: 15%

Due: Week 3 Thursday (21st Mar 2024) 12:00 PM AEST (During Tutorial Time)

2. Written Assessment (Case Report)

Weighting: 35%

Due: Week 10 Friday (17 May 2024) 11:59 PM AEST

3. In-class Tests

Weighting: 50%

Due: Week 12 Thursday (30th May 2024) 10:00 AM AEST

General Information

Overview

In this unit you will focus on the neurological and vascular disorders that have an impact on the lower extremity. You will examine the clinical features, pathogenesis and significance of such disorders and develop an understanding of the psychosocial impact. You will advance your skill and knowledge of diagnostic screening with the use of specialised tests specific to the lower limb. An evidence based approach to clinical examination will be central to this unit.

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

To be enrolled in this unit, students must be enrolled in CB86 Bachelor of Podiatry Practice (Honours) course. Pre-requisite: PODI12009 Clinical Podiatry Practice 1 AND Corequisite: PODI13007 Clinical Podiatry Practice 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 1 - 2024

- Rockhampton

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. **On-campus Activity**

Weighting: 15%

2. **Written Assessment**

Weighting: 35%

3. **In-class Test(s)**

Weighting: 50%

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 SUTE and Unit Coordinator Reflection

Feedback

Allow more time between the written assessment and in-class test

Recommendation

It is recommended that the written assessment and the in-class test be scheduled at least two-weeks apart

Unit Learning Outcomes

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

1. Describe and interpret the aetiology and clinical presentation. Apply appropriate examination techniques for common neurovascular disorders affecting the lower limb.
2. Describe the impact of vascular and neurological conditions affecting the lower limb, and prescribe self-management techniques for patients with a range of different neurological and vascular conditions
3. Design and implement safe and effective management plans, including appropriate referral, for common neurovascular pathologies in podiatric practice in a professional manner.
4. Critique published literature to apply an evidence based approach to the assessment and management of common sports injuries in podiatric practice

Per NPC1311

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Written Assessment - 35%		•	•	•
2 - In-class Test(s) - 50%	•	•	•	
3 - On-campus Activity - 15%	•			•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	2	3	4
1 - Communication	•	•	•	•
2 - Problem Solving	•	•	•	•

Graduate Attributes	Learning Outcomes			
	1	2	3	4
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 - Written Assessment - 35%	•	•	•	•		•	•			
2 - In-class Test(s) - 50%	•	•	•	•		•	•			
3 - On-campus Activity - 15%	•	•	•				•	•		

Textbooks and Resources

Textbooks

There are no required textbooks.

IT Resources

You will need access to the following IT resources:

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

Referencing Style

No referencing style set.

Teaching Contacts

Ahmad Al Rady Unit Coordinator
a.alrady@cqu.edu.au

Schedule

Week 1 - Lower Limb Arterial System Part - 04 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
This week we will review the lower limb arterial system: - Anatomy - Macro vascular disease (PAD)	Readings or textbook chapters for each week will be posted in Moodle. Please note that information from readings may be assessed during the examination.	Article Review: PAD Critical appraisal of research.

Week 2 - Lower Limb Arterial System Part 2 - 11 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
This week we will review the lower limb arterial system: - Anatomy - Micro vascular disease (PAD)	Readings or textbook chapters for each week will be posted in Moodle. Please note that information from readings may be assessed during the examination.	Activity 1 - Case Study Activity 2 - Article Appraisal Discussion prior to week 3 submission.

Week 3 - Lower Limb Venous System - 18 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
This week we will review the lower limb venous system: - Anatomy - deep and superficial - CVI - DVT	Readings or textbook chapters for each week will be posted in Moodle. Please note that information from readings may be assessed during the examination.	*Student presentations will occur during tutorial time. Critical appraisal of literature presentation Due: Week 3 Monday (18 Mar 2024) 3:00 pm AEST

Week 4 - Lower Limb Lymphatic System - 25 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
This week we will review the lower limb venous system: - Anatomy - Lymphatic Disease - Lymphodema	Readings or textbook chapters for each week will be posted in Moodle. Please note that information from readings may be assessed during the examination.	Activity 1 - Case Study

Week 5 - Lower Limb Nervous System - 01 Apr 2024

Module/Topic	Chapter	Events and Submissions/Topic
This week we will review the lower limb nervous system: - Anatomy - CNS - PNS	Readings or textbook chapters for each week will be posted in Moodle. Please note that information from readings may be assessed during the examination.	Activity- 1 Youtube video Activity 2 - Case Study Activity 3- Assessment 2 Case Report discussion prior to week 10 submission.

Vacation Week - 08 Apr 2024

Module/Topic	Chapter	Events and Submissions/Topic
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Week 6 - Autonomic Nervous System - 15 Apr 2024

Module/Topic	Chapter	Events and Submissions/Topic
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This week we will review the autonomic system:

- Anatomy
- Sympathetic
- Parasympathetic
- Autonomic

Readings or textbook chapters for each week will be posted in Moodle. Please note that information from readings may be assessed during the examination.

Activity 1 - Youtube video
Activity 2 - Case Study

Week 7 - Podiatry Specific Vascular Assessments - 22 Apr 2024

Module/Topic	Chapter	Events and Submissions/Topic
Podiatry Specific Vascular Assessments This week we will review Podiatry Specific Vascular assessments: Arterial Assessments - Pulses - Hand Held Doppler - ABI/TBI - Arterial Ultrasound - Angiogram Venous Assessment - Duplex Ultrasound	Readings or textbook chapters for each week will be posted in Moodle. Please note that information from readings may be assessed during the examination.	Activity 1- CQU Vascular assessment forms Activity 2 - Case Study

Week 8 - Podiatry Specific Neurological Assessments - 29 Apr 2024

Module/Topic	Chapter	Events and Submissions/Topic
This week we will review podiatry specific neurological assessments.	Readings or textbook chapters for each week will be posted in Moodle. Please note that information from readings may be assessed during the examination.	Activity 1- Video on neurological assessment Activity 2 - CQU Neurological assessment form

Week 9 - Introduction to Lower Limb Ulceration and Neuropathic Foot - 06 May 2024

Module/Topic	Chapter	Events and Submissions/Topic
This lecture will provide an introduction to lower limb ulceration and the neuropathic foot.	Readings or textbook chapters for each week will be posted in Moodle. Please note that information from readings may be assessed during the examination.	Activity 1 - Clinical Case Studies Activity 2 - Assessment 2 Case Report discussion prior to submission (Due week 10.)

Week 10 - Review / Exam Revision Lecture - 13 May 2024

Module/Topic	Chapter	Events and Submissions/Topic
This week we will review the content delivered in this unit throughout the term in preparation for the in-class test		Exam revision for Assessment 3: In-Class Test (50%) during tutorial time. Case Report Due: Week 10 Friday (17 May 2024) 11:59 pm AEST

Week 11 - No class Self- Directed Study - 20 May 2024

Module/Topic	Chapter	Events and Submissions/Topic
No class Self- Directed study time to prep for exam.		

Week 12 - In-class Test (50%) - 27 May 2024

Module/Topic	Chapter	Events and Submissions/Topic
The In-class test (50%) will take place during the lecture time 1pm - 3pm on Monday 27/5/24		In-class Test Due: Week 12 Monday (27 May 2024) 1:00 pm AEST

Module/Topic	Chapter	Events and Submissions/Topic
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Assessment Tasks

1 Critical appraisal of literature presentation

Assessment Type

On-campus Activity

Task Description

You will be required to select (from a list) one peer-reviewed article pertinent to neurovascular medicine in podiatry, as agreed with your unit coordinator. Each student must select a different article. During your week three tutorial time, you will be required to present a five-to-seven minute presentation which summarises your article. More information will be provided to you regarding this assessment task during term.

If you are not in attendance that day, you must present the Unit Coordinator with a medical certificate within 5 working days of the class and your presentation will be rescheduled. Failure to do so will result in you receiving a fail grade for this assessment task.

If you are not able to complete this presentation on-campus, please inform your unit co-ordinator as soon as possible. If the reason is valid (e.g. isolation requirements due to being a close contact of a COVID positive person), accommodations can be made to facilitate doing this presentation being undertaken remotely.

Assessment Due Date

Week 3 Monday (18 Mar 2024) 3:00 pm AEST

Presented during tutorial time.

Return Date to Students

Week 5 Monday (1 Apr 2024)

Students will be given written feedback two weeks following the presentation by the unit coordinator or delegate

Weighting

15%

Assessment Criteria

You will be assessed on your ability to present the following:

- Title, authors and year of publication
- Aim of article
- Brief methodology
- Study findings and implications
- Brief critical appraisal of article

The marking guide (rubric) and further instructions will be made available under the 'Assessment' tab in Moodle.

Submission

Offline Online

Submission Instructions

Presentation slides to be uploaded prior to presentation.

Learning Outcomes Assessed

- Describe and interpret the aetiology and clinical presentation. Apply appropriate examination techniques for common neurovascular disorders affecting the lower limb.
- Critique published literature to apply an evidence based approach to the assessment and management of common sports injuries in podiatric practice

Graduate Attributes

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

2 Case Report

Assessment Type

Written Assessment

Task Description

You will be required to submit a written assessment in the form of a case report pertinent to neurovascular medicine in podiatry. You will be required to explain, describe and explore a particular case using multiple sources of evidence. Further detail regarding this assessment task will be provided during term.

Assessment Due Date

Week 10 Friday (17 May 2024) 11:59 pm AEST

Online via Moodle

Return Date to Students

Week 12 Friday (31 May 2024)

Students will be given written feedback two weeks from submission date.

Weighting

35%

Minimum mark or grade

50%

Assessment Criteria

The marking guide (rubric) and further instructions will be made available under the 'Assessment' tab in Moodle.

Submission

Online

Learning Outcomes Assessed

- Describe the impact of vascular and neurological conditions affecting the lower limb, and prescribe self-management techniques for patients with a range of different neurological and vascular conditions
- Design and implement safe and effective management plans, including appropriate referral, for common neurovascular pathologies in podiatric practice in a professional manner.
- Critique published literature to apply an evidence based approach to the assessment and management of common sports injuries in podiatric practice

Graduate Attributes

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

3 In-class Test

Assessment Type

In-class Test(s)

Task Description

The In-class test (50%) will be in a form of a closed book in-class test covering content from Week 1- 12. Students will be required to attend on-campus to complete this class test. The class test will be 120 minutes long. If you are not able to complete this test on-campus, please inform your unit co-ordinator as soon as possible. If the reason is valid (e.g. isolation requirements due to being a close contact of a COVID positive person), accommodations can be made to facilitate taking this test supervised off-campus. If a feasible alternative cannot be found/ agreed upon, you will be required to apply for an extension for this assessment task on your Moodle site.

Assessment Due Date

Week 12 Monday (27 May 2024) 1:00 pm AEST

The in-class test (50%) will take place during the lecture time (1-3pm) Monday 27/5/24

Return Date to Students

Exam Week Monday (10 June 2024)

Two weeks from submission date.

Weighting

50%

Minimum mark or grade

50%

Assessment Criteria

The class test will assess all content covered from Weeks 1-12. You will be provided with sample questions during the term to prepare you for the class test.

Submission

Offline

Learning Outcomes Assessed

- Describe and interpret the aetiology and clinical presentation. Apply appropriate examination techniques for common neurovascular disorders affecting the lower limb.
- Describe the impact of vascular and neurological conditions affecting the lower limb, and prescribe self-management techniques for patients with a range of different neurological and vascular conditions
- Design and implement safe and effective management plans, including appropriate referral, for common neurovascular pathologies in podiatric practice in a professional manner.

Graduate Attributes

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