



# PODI13009 Neurovascular Medicine in Podiatry Practice

## Term 1 - 2019

Profile information current as at 29/04/2024 10:28 pm

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.

## 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 - 2019

- Rockhampton
- 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. **Written Assessment**

Weighting: 35%

#### 2. **In-class Test(s)**

Weighting: 15%

#### 3. **Examination**

Weighting: 50%

#### 4. **On-campus Activity**

Weighting: Pass/Fail

### 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 Student Feedback - Have Your Say

**Feedback**

This unit was good to be able to grasp a further understanding of neurovascular conditions in relation to podiatry, and I could personally implement some of the tests into a practical setting.

**Recommendation**

Based on this feedback it is good to see that this unit promoted the application of theories into clinical podiatry practice. This theoretical unit will continue to focus on practical simulation to build confidence in the knowledge and skills required for effective neurovascular screening and related management.

#### Feedback from Student Feedback - Have Your Say

**Feedback**

The written assessment should not have been due so close to the exam period.

**Recommendation**

This will change for future delivery. Consideration will be given to moving the written assessment due date earlier in the term to ensure students have opportunity to understand where they are academically (earlier in the term) and what areas they need to improve prior to the final exam period.

#### Feedback from Student Feedback - Have Your Say and Staff Reflection

**Feedback**

Use of online quizzes to help students perform better.

**Recommendation**

This will be considered for future unit delivery. Use of a formative/summative quiz tool in Moodle would be useful to assist students to test their knowledge and also to provide instant feedback to improve performance of the stated unit learning outcomes.

## Unit Learning Outcomes

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

1. Describe and evaluate neurovascular assessments
2. Describe the impact of vascular and neurological conditions affecting the lower limb
3. Evaluate strategies for managing neurological and vascular conditions in podiatry practice
4. Select self-management techniques for patients with a range of different neurological and vascular conditions
5. Exhibit professional behaviour in accordance with the podiatric profession, including upholding the legal and ethical responsibilities of the profession.

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	5
1 - Written Assessment - 35%	•		•	•	
2 - In-class Test(s) - 15%	•	•			
3 - Examination - 50%		•	•	•	
4 - On-campus Activity - 0%					•

### 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 - Written Assessment - 35%	•	•	•	•	•	•	•		•	
2 - In-class Test(s) - 15%	•	•	•	•		•	•			
3 - Examination - 50%	•	•	•	•		•	•			
4 - On-campus Activity - 0%								•		

## Textbooks and Resources

### Textbooks

**There are no required textbooks.**

### IT Resources

**You will need access to the following IT resources:**

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

## Referencing Style

All submissions for this unit must use the referencing style: [American Psychological Association 6th Edition \(APA 6th edition\)](#)

For further information, see the Assessment Tasks.

## Teaching Contacts

**Julie Nguyen** Unit Coordinator  
[j.nguyen@cqu.edu.au](mailto:j.nguyen@cqu.edu.au)

## Schedule

### Week 1- Lower Limb Arterial System - 11 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic
This lecture will cover the structure and function of the lower limb arterial system. Arterial conditions relevant to the foot and lower limb will be explored.		

### Week 2- Lower Limb Venous System - 18 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic
This lecture will cover the structure and function of the lower limb venous system. Venous conditions relevant to the foot and lower limb will be explored.		

### Week 3- Lower Limb Nervous System - 25 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic
This lecture will cover the structure and function of the lower limb nervous system. Neurological conditions relevant to the foot and lower limb will be explored.		

### Week 4- Lower Limb Lymphatic System - 01 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
--------------	---------	------------------------------

This lecture will cover the structure and function of the lower limb lymphatic system. Lymphatic conditions relevant to the foot and lower limb will be explored.

#### **Week 5- The Autonomic System - 08 Apr 2019**

Module/Topic	Chapter	Events and Submissions/Topic
The lectures for this week will cover the parasympathetic and sympathetic divisions of the autonomic system.		

#### **Vacation Week - 15 Apr 2019**

Module/Topic	Chapter	Events and Submissions/Topic
Vacation week.		

#### **Week 6- Podiatry Specific Vascular and Neurological Assessments - 22 Apr 2019**

Module/Topic	Chapter	Events and Submissions/Topic
The lectures for this week will cover the specific vascular and neurological assessments that podiatrist use in clinical practice.		

#### **Week 7- In-Class Test - 29 Apr 2019**

Module/Topic	Chapter	Events and Submissions/Topic
In-Class Test will be conducted during this time.		<b>In-Class Test 15% Due: Week 7 Monday (29 Apr 2019) 11:45 pm AEST</b>

#### **Week 8- Vascular and Neurological Assessment Quantification - 06 May 2019**

Module/Topic	Chapter	Events and Submissions/Topic
The lectures for this week will cover factors and variables that influence vascular and neurological assessments.		

#### **Week 9- An Introduction to Lower Limb Ulceration - 13 May 2019**

Module/Topic	Chapter	Events and Submissions/Topic
The lectures for this week will introduce students to lower limb ulceration.		

#### **Week 10- An Introduction to the Neuropathic Foot - 20 May 2019**

Module/Topic	Chapter	Events and Submissions/Topic
The lectures for this week will introduce students to the neuropathic foot.		

#### **Week 11- Patient Education Strategies/Models and Referral - 27 May 2019**

Module/Topic	Chapter	Events and Submissions/Topic
The lectures for this week will cover different education strategies and models which can be used to help educate patients about their condition or promote change in health related behaviours. The lectures for this week will also cover common referral pathways and how to structure and write different referral letters/documents.		<b>Written Assessment 35% Due: Week 11 Monday (27 May 2019) 11:45 pm AEST</b>

#### **Week 12- Examination Revision - 03 Jun 2019**

Module/Topic	Chapter	Events and Submissions/Topic

This is a revision lecture which will summarise the key points of all the content covered from weeks 1 to 11.

**On-Campus Activity (Pass/Fail) 0%**  
Due: Week 12 Monday (3 June 2019)  
11:45 pm AEST

## Term Specific Information

Attendance: As per the University's recommendation that "All on-campus students are expected to attend scheduled classes," students should also be aware that there is clear evidence to show that attendance rates are directly related to academic progress. It is therefore in your best interest and strongly recommended in the Bachelor of Podiatry Practice (Honours) course, that you attend all scheduled learning activities to support your learning.

Uniform: In all practical classes, students are required to wear the nominated uniform. Students must purchase their uniform from the bookshop. This uniform is separate to the mandatory clinical uniform. Please refer to the Podiatry Course Handbook for further details.

Contact details: Unit Coordinator- Julie Nguyen (Email: J.Nguyen@cqu.edu.au). Teaching Staff- Dr. Kerwin Talbot (Email: K.Talbot@cqu.edu.au).

## Assessment Tasks

### 1 Written Assessment 35%

#### Assessment Type

Written Assessment

#### Task Description

You will be required to submit a written assessment in the form of a case study report pertinent to a neurovascular patient. You will be required to explain, describe and explore a particular case from the use of multiple sources of evidence. Further detail regarding this assessment task will be provided at the commencement of term.

#### Assessment Due Date

Week 11 Monday (27 May 2019) 11:45 pm AEST

Assessment items are to be submitted via Moodle.

#### Return Date to Students

Review/Exam Week Monday (10 June 2019)

Results will be made available via Moodle.

#### Weighting

35%

#### Assessment Criteria

The marking guide (rubric) and feedback sheet will be made available under the 'Assessment' tab in Moodle at the commencement of term.

#### Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

#### Submission

Online

#### Submission Instructions

Assessments are to be submitted via Moodle.

#### Learning Outcomes Assessed

- Describe and evaluate neurovascular assessments
- Evaluate strategies for managing neurological and vascular conditions in podiatry practice
- Select self-management techniques for patients with a range of different neurological and vascular conditions

#### Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking

- Information Literacy
- Team Work
- Information Technology Competence
- Cross Cultural Competence
- Social Innovation

## 2 In-Class Test 15%

### Assessment Type

In-class Test(s)

### Task Description

The In-Class Test in week 7 (29th of April, 2019) will consist of a combination of multiple choice and short answer questions. The test will cover content from weeks 1 - 6 (inclusive). The test will have a time limit of 90 minutes. The test will take place in a computer laboratory (or equivalent location) and is a closed book task. Access to books, notes, websites (other than the test) and the use of other electronic devices are prohibited during the test. Further information regarding the time and room location will be made available during the term in Moodle.

### Assessment Due Date

Week 7 Monday (29 Apr 2019) 11:45 pm AEST

More details and information regarding the test will be made available during the term.

### Return Date to Students

Week 9 Monday (13 May 2019)

Results will be made available via Moodle.

### Weighting

15%

### Assessment Criteria

Answers will either be correct or incorrect and tabulated by the Moodle online unit system.

### Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

### Submission

Online

### Learning Outcomes Assessed

- Describe and evaluate neurovascular assessments
- Describe the impact of vascular and neurological conditions affecting the lower limb

### Graduate Attributes

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

## 3 On-Campus Activity (Pass/Fail) 0%

### Assessment Type

On-campus Activity

### Task Description

The activities covered in this unit cover professional podiatry skills, which are inherent requirements to meet the professional standards and are integral to your achievement of learning outcomes and assessment in this unit. At least 85% attendance at tutorial, practicals and/or workshops is therefore required to satisfactorily PASS this unit. The Unit Coordinator will keep attendance records for all classes. If you are unable to attend class, you must notify the Unit Coordinator (in writing/by email) as soon as possible, with a medical certificate or statutory declaration supporting any absence. Failure to maintain a satisfactory attendance record may seriously undermine your ability to complete the unit.

### Assessment Due Date

Week 12 Monday (3 June 2019) 11:45 pm AEST

More details and information regarding the on campus activities will be made available during the term.



**Return Date to Students**

Exam Week Monday (17 June 2019)  
Results will be made available via Moodle.

**Weighting**

Pass/Fail

**Minimum mark or grade**

You must Pass this assessment task in order to pass the unit.

**Assessment Criteria**

Assessment criteria for on-campus activity : The on campus activities in this unit consists of competency tasks relating to professional podiatry skills, which are inherent requirements to meet the professional standards. Satisfactory completion of these activities on campus are integral to your achievement of learning outcomes and assessment of this unit and other units within the course. Participation in all competency tasks is required for you to satisfactorily PASS this unit.

If you are unable to attend campus, you must notify the Unit Coordinator (in writing/by email) as soon as possible, and provide a medical certificate or statutory declaration supporting any absence within five (5) working days. If the required documentation is not provided to the Unit Coordinator within the stipulated time frame, you will be marked as 'Absent' for the session. Failure to maintain a satisfactory competency record for on campus activities may seriously undermine your ability to complete this unit and will result in a 'Fail' grade.

**Referencing Style**

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

**Submission**

Online

**Submission Instructions**

More details and information regarding the on campus activities will be made available during the term.

**Learning Outcomes Assessed**

- Exhibit professional behaviour in accordance with the podiatric profession, including upholding the legal and ethical responsibilities of the profession.

**Graduate Attributes**

- Ethical practice

## Examination

**Outline**

Complete an invigilated examination.

**Date**

During the examination period at a CQUniversity examination centre.

**Weighting**

50%

**Length**

120 minutes

**Minimum mark or grade**

50

**Exam Conditions**

Closed Book.

**Materials**

Dictionary - non-electronic, concise, direct translation only (dictionary must not contain any notes or comments).  
No calculators permitted

## 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