



# PODI13015 Advanced Pharmacology for Podiatry Practice

## Term 2 - 2018

Profile information current as at 15/05/2024 08:24 pm

All details in this unit profile for PODI13015 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 will be divided into two main components: pharmacotherapeutics and anaesthesia specific to podiatry practice. In pharmacotherapeutics the student will gain understanding of S2, S3, S4 and S8 medicines administered in common diseases seen in podiatry practice and learn further of their role in management of disease. In anaesthesia, the student will gain advanced knowledge of anaesthetics pertinent to podiatry practice. Topics covered will include pre-surgical history and physical assessment, informed consent, charting, maximum safe dose, and injection instrumentation. Students will also begin to practice injection technique in a simulated setting.

### 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: PODI13007 Clinical Practice 2 - and Corequisite: PODI13011 Clinical Practice 3

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

- 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. **Practical and Written Assessment**

Weighting: 30%

#### 2. **Written Assessment**

Weighting: 20%

#### 3. **Examination**

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 Student Feedback - Have Your Say

##### Feedback

The unit involves a great deal of information to cover and learn.

##### Recommendation

This unit does contain difficult and at times heavy theoretical content to grasp and learn. As a result, the teaching team will continue to focus on quality instruction and planning of the scaffolding needed to ensure students truly know and understand a concept. Visual teaching strategies were also utilised to explain further a concept, which also encouraged active student engagement, and as such, this will be facilitated in future unit offerings.

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

##### Feedback

The utilisation of a podiatric surgeon was a valuable resource in terms of our learning. It helped put the content that we were learning into "real world" terms.

##### Recommendation

The inclusion of a registered podiatric surgeon was deliberate to assist the student to make the teaching and learning in this unit relevant. Showing how theory can be applied to practice is fundamental to student learning. This also aided in building positive working relationships with students and staff. As such the teaching team will continue in this format.

## Unit Learning Outcomes

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

1. Summarise the major classes of therapeutic drugs that affect the primary systems of the body.
2. Analyse the barriers to suitable pharmacotherapy.
3. Evaluate S2, S3, S4 and S8 medicines prescribed and administered for the treatment of disease states encountered in the scope of podiatry practice.
4. Describe the mechanisms of drug action and the potential for drug to drug interactions.
5. Examine legal, ethical and professional responsibilities associated with prescription and administration of medications within podiatry.
6. Students will use the basic pharmacology of anaesthetic drugs as taught previously.
7. Develop an anaesthetic plan based on a physical examination that includes: appropriate drug selection; correct dose calculation; appropriate method of drug administration; and other supportive care.
8. Integrate an evidence based approach in pharmacological practice within podiatry.

Per NPC1303

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



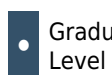
N/A  
Level



Introductory  
Level



Intermediate  
Level



Graduate  
Level



Professional  
Level



Advanced  
Level

### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes							
	1	2	3	4	5	6	7	8
1 - Practical and Written Assessment - 30%	•	•	•	•	•	•	•	

Assessment Tasks	Learning Outcomes							
	1	2	3	4	5	6	7	8
2 - Written Assessment - 20%		•			•			•
3 - Examination - 50%	•	•	•	•	•	•	•	

## Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes							
	1	2	3	4	5	6	7	8
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 and Written Assessment - 30%	•	•	•	•		•	•	•		
2 - Written Assessment - 20%	•	•	•	•	•	•	•	•		
3 - Examination - 50%	•	•	•	•		•	•	•		

## Textbooks and Resources

### Textbooks

PODI13015

#### Prescribed

##### **Australian Medicines Handbook 2015**

Edition: 2015 (2015)

Authors: Australian Medicines Handbook

Australian Medicines Handbook

Adelaide , SA , Australia

ISBN: 9780987550156

Binding: Paperback

PODI13015

#### Prescribed

##### **Pharmacology for Health Professionals**

Edition: 4th edn (2014)

Authors: Bryant, B

Elsevier

Chatswood , NSW , Australia

ISBN: 9780729541701

Binding: Paperback

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

For further information, see the Assessment Tasks.

## Teaching Contacts

**Laura Hutchison** Unit Coordinator

[l.hutchison@cqu.edu.au](mailto:l.hutchison@cqu.edu.au)

**Kerwin Talbot** Unit Coordinator

[k.talbot@cqu.edu.au](mailto:k.talbot@cqu.edu.au)

## Schedule

### **Week 1- Revision of Pharmacodynamics. - 09 Jul 2018**

**Module/Topic**

**Chapter**

**Events and Submissions/Topic**

During this week we will revise pharmacodynamics.

### **Week 2- Revision of Pharmacokinetics. - 16 Jul 2018**

**Module/Topic**

**Chapter**

**Events and Submissions/Topic**

During this week we will revise pharmacokinetics.

### Week 3- What prescribing podiatrists need to know. - 23 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
During this week we will examine the drugs and poisons legislation in the States and Territories of Australia. We will also discuss the administration & prescription of drugs by suitably qualified podiatrists including ethical and professional responsibilities.		

### Week 4 - Detailed pharmacology of Local Anaesthetic agents and related emergency drugs - 30 Jul 2018

Module/Topic	Chapter	Events and Submissions/Topic
During this week we will examine the detailed pharmacology of local anaesthetic agents and the related-emergency (anaphylactic reactions) drugs.		

### Week 5 - All you need to know about Local anaesthetic agents - 06 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
During this week we will examine the theoretical and practical basis of an anaesthetic plan including review of local anaesthetic types, patient factors for consideration, and potential interaction with other medicines.		

### Vacation Week - 13 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
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### Week 6 - The foot and ankle - digital nerve block - 20 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
During this week we will review the neuro-anatomy of the foot and ankle; digital nerve block procedures and the theory of giving safe injections.		

### Week 7 - Safe injection techniques and skills - 27 Aug 2018

Module/Topic	Chapter	Events and Submissions/Topic
During this week we will examine and practice safe injection administration and associated clinical skills.		<b>Written Assessment</b> Due: Week 7 Friday (31 Aug 2018) 11:45 pm AEST

### Week 8 - Anti-mycotic agents. - 03 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
During this week we will examine the detailed pharmacology of anti-mycotic agents.		

### Week 9 - Anti-bacterial agents. - 10 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
During this week we will examine the detailed pharmacology of anti-bacterial agents.		

### Week 10 - Anti-inflammatory and pain management agents. - 17 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
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During this week we will examine the detailed pharmacology of anti-inflammatory and pain management agents.

**Practical and Written Assessment**  
Due: Week 10 Friday (21 Sept 2018)  
12:00 pm AEST

#### Week 11- Antihistamines. - 24 Sep 2018

Module/Topic	Chapter	Events and Submissions/Topic
During this week we will examine the detailed pharmacology of antihistamines.		

#### Week 12 - Anti-anxiety drugs - 01 Oct 2018

Module/Topic	Chapter	Events and Submissions/Topic
During this week we will examine the detailed pharmacology of anti-anxiety drugs.		

#### Review/Exam Week - 08 Oct 2018

Module/Topic	Chapter	Events and Submissions/Topic
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#### Exam Week - 15 Oct 2018

Module/Topic	Chapter	Events and Submissions/Topic
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## Term Specific Information

This unit will be delivered by casual lecturers. Further information regarding contact details will be provided at the beginning of term in Moodle.

## Assessment Tasks

### 1 Practical and Written Assessment

#### Assessment Type

Practical and Written Assessment

#### Task Description

This assessment is an objective structured clinical examination (OSCE). There will be a number of stations each designed to assess your knowledge and skills acquired during this course. There will be a combination of written answer and observer assessed practical stations. Further detail for this assessment task will be made available via the course Moodle site during term.

#### Assessment Due Date

Week 10 Friday (21 Sept 2018) 12:00 pm AEST

Coordinated across campus(es) - time entered is an estimated time. This will be confirmed during term.

#### Return Date to Students

Results will be released approximately 3 weeks after the close of the assessment.

#### Weighting

30%

#### Assessment Criteria

The assessment details for this assessment task will be made available during the term in Moodle.

#### Referencing Style

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

#### Submission

Offline

**Submission Instructions**

Hard Copy, In Person.

**Learning Outcomes Assessed**

- Summarise the major classes of therapeutic drugs that affect the primary systems of the body.
- Analyse the barriers to suitable pharmacotherapy.
- Evaluate S2, S3, S4 and S8 medicines prescribed and administered for the treatment of disease states encountered in the scope of podiatry practice.
- Describe the mechanisms of drug action and the potential for drug to drug interactions.
- Examine legal, ethical and professional responsibilities associated with prescription and administration of medications within podiatry.
- Students will use the basic pharmacology of anaesthetic drugs as taught previously.
- Develop an anaesthetic plan based on a physical examination that includes: appropriate drug selection; correct dose calculation; appropriate method of drug administration; and other supportive care.

**Graduate Attributes**

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

## 2 Written Assessment

**Assessment Type**

Written Assessment

**Task Description**

Students will be required to submit a written assessment in the form of an essay pertinent to the use of advanced pharmacology in podiatry practice. This assessment task will allow an in-depth exploration of a particular podiatric condition of choice concerning pharmacological management using multiple sources of evidence. Further details regarding this assessment task will be provided in Moodle in the early weeks of the term.

**Assessment Due Date**

Week 7 Friday (31 Aug 2018) 11:45 pm AEST

Please submit your written assessment via the Moodle site.

**Return Date to Students**

Week 10 Friday (21 Sept 2018)

**Weighting**

20%

**Assessment Criteria**

Further details regarding this assessment task will be provided in the early weeks of the term. The marking guide (rubric) and feedback sheet will be made available under the 'Assessment' tab in Moodle.

Note: APA referencing system is used for all written assessments. In-text citations are counted as part of the word count for assessment purposes. Penalties will be applied where those strict word limits are exceeded (+/- 10%). If the assessment item exceeds 10%, the content will not be assessed by the examiner (excludes tables, appendices and references where applicable). If you are late submitting your assignment – each day incurs a 5% penalty.

**Referencing Style**

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

**Submission**

Online

**Learning Outcomes Assessed**

- Analyse the barriers to suitable pharmacotherapy.
- Examine legal, ethical and professional responsibilities associated with prescription and administration of medications within podiatry.
- Integrate an evidence based approach in pharmacological practice within podiatry.



**Graduate Attributes**

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

**Examination****Outline**

Complete an invigilated examination.

**Date**

During the examination period at a CQUniversity examination centre.

**Weighting**

50%

**Length**

180 minutes

**Exam Conditions**

Closed Book.

**Materials**

Dictionary - non-electronic, concise, direct translation only (dictionary must not contain any notes or comments).

## 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