



PODI13015 *Advanced Pharmacology for Podiatry Practice*

Term 2 - 2019

Profile information current as at 30/04/2024 02:05 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 - 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. **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 Staff feedback and in-class student feedback

Feedback

Time allocation for practical sessions was sufficient which allowed for thorough demonstrations and student practice time, leading to increased student confidence with performing relevant podiatric specific practical skills.

Recommendation

In future deliveries of this unit, sufficient practical time should continue to be set aside for thorough demonstration and ample student practice time of relevant podiatric specific practical skills.

Feedback from Self reflection and peer review

Feedback

Student performance in the written assessment task would likely have increased had they submitted a draft of their written assessment for review before submission.

Recommendation

Staff should continue to inform students that they can submit a draft for review by teaching staff before the due date of the written assessment task.

Feedback from Staff feedback and in-class student feedback

Feedback

The use of simulated learning within this unit enabled students to be able to safely and confidently practice relevant podiatric specific skills before being exposed to real patients in this context.

Recommendation

Simulated learning is an important aspect in this unit and as such should continue to be implemented.

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



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%	•	•	•	•	•	•	•	
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

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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

Merridy Lithgow Unit Coordinator

m.lithgow@cqu.edu.au

Schedule

Week 1- Revision of Pharmacodynamics - 15 Jul 2019

Module/Topic	Chapter	Events and Submissions/Topic
During this week we will revise pharmacodynamics.		

Week 2- Revision of Pharmacokinetics - 22 Jul 2019

Module/Topic	Chapter	Events and Submissions/Topic
During this week we will revise pharmacokinetics.		

Week 3- What prescribing podiatrists need to know - 29 Jul 2019

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 - 05 Aug 2019

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 - podiatry specific - 12 Aug 2019

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 - 19 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic

Week 6 - The foot and ankle - digital nerve block - 26 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic
During this week we will review the neuroanatomy of the foot and ankle; digital nerve block procedures and the theory of giving safe injections. Students will practice safe injection administration on foot models and each other.		Students will undertake a simulation practical session in which they will inject a foot model and then inject each other.

Week 7 - Safe injection techniques and skills - 02 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
During this week we will examine and practice safe injection administration and associated clinical skills.		<p>Practical and Written Assessment Due: Week 7 - Monday 2nd of September at 2:00pm (AEST) - part one of this assessment (practical component) students will be required to attend the practical safe injection administration practical and will be assessed as competent or not competent.</p> <p>Written Assessment Due: Week 7 Friday (6 Sept 2019) 11:59 pm AEST</p>

Week 8 - Antimycotic agents - 09 Sep 2019

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

Week 9 - Antibacterial agents - 16 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic

During this week we will examine the detailed pharmacology of antibacterial agents.

Week 10 - Anti-inflammatory and pain management agents - 23 Sep 2019

Module/Topic

Chapter

Events and Submissions/Topic

During this week we will examine the detailed pharmacology of anti-inflammatory and pain management agents.

Practical and Written Assessment Due: part two of this assessment (written component) students will be required to submit a case study relating to practical safe administration of local anaesthetic.

Practical and Written Assessment Due: Week 10 Monday (23 Sept 2019) 11:59 pm AEST

Week 11- Antihistamines - 30 Sep 2019

Module/Topic

Chapter

Events and Submissions/Topic

During this week we will examine the detailed pharmacology of antihistamines.

Week 12 - Anti-anxiety drugs - 07 Oct 2019

Module/Topic

Chapter

Events and Submissions/Topic

During this week we will examine the detailed pharmacology of anti-anxiety drugs.

Review/Exam Week - 14 Oct 2019

Module/Topic

Chapter

Events and Submissions/Topic

Exam Week - 21 Oct 2019

Module/Topic

Chapter

Events and Submissions/Topic

Term Specific Information

This unit will be delivered by two casual lecturers. Elyssa Wiecek will teach the pharmacy component and Damian Lafferty will teach the podiatric surgery component.

Assessment Tasks

1 Practical and Written Assessment

Assessment Type

Practical and Written Assessment

Task Description

This practical and written assessment is made up of two parts.

Part one (practical component): students will be required to attend the practical safe injection administration practical in week 6 and will be assessed as competent or not competent in week 7.

Part two (written component): students will be required to submit a case study relating to practical safe administration of local anaesthesia.

Further details regarding this assessment task will be provided in Moodle in the early weeks of the term.

Assessment Due Date

Week 10 Monday (23 Sept 2019) 11:59 pm AEST

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

Return Date to Students

Review/Exam Week Monday (14 Oct 2019)

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

Online

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 (6 Sept 2019) 11:59 pm AEST

Please submit your written assessment via the Moodle site.

Return Date to Students

Week 9 Monday (16 Sept 2019)

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

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).

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