

PDTY3102: Podiatric Surgery

Ourimbah

Semester 1 - 2024



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA

OVERVIEW

Course Description

This course will provide an introduction to surgical techniques, patient selection and management options and evaluation following surgery. The course will also address surgical selection, referral and informed consent; the skills and techniques for applying local anaesthesia; and surgical/theatre skills. In addition, the course will address nail surgery, the curettage of small lesions, biopsy techniques and postoperative management and follow up. Students will learn about a range of advanced surgical procedures and when and how to refer patients for surgical consultation.

Academic Progress Requirements

This course is a compulsory program requirement and is monitored for academic progress purposes. The course must be completed to progress in the program or meet other program requirements.

Failure or withdrawal from this course will result in students being considered under the Student Academic Progress Procedure.

Requisites

This course is only available to students enrolled in the Bachelor of Podiatry program.

Pre-requisite - successful completion of PDTY2204 and PDTY2205.

Assumed Knowledge

Anatomy of the foot and ankle; Regional local anaesthesia; Orthotic prescription; Clinical pharmacology

Contact Hours

Ourimbah Clinical *

Face to Face Off Campus
24 hour(s) per term starting Week 1

Lecture

Face to Face On Campus
2 hour(s) per week(s) for 11 week(s)

One week of this course is a mid semester exam - this is currently listed as a lecture

Tutorial

Face to Face On Campus
2 hour(s) per week(s) for 12 week(s)

Unit Weighting Workload

* This contact type has a compulsory requirement.

10

Students are required to spend on average 120-140 hours of effort (contact and non-contact) including assessments per 10 unit course.

COURSE OUTLINE

www.newcastle.edu.au

CRICOS Provider 00109J

CONTACTS

Course Coordinator	Ourimbah Mr John Niemotko John.Niemotko@newcastle.edu.au Consultation: Please email to arrange an appointment
Teaching Staff	Lectures will be delivered by Podiatric Surgeon, Dr Damien Lafferty. Other teaching staff will be advised on the course Canvas site.
School Office	School of Health Sciences Room 302, ICT Building Callaghan SchoolHealthSciences@newcastle.edu.au +61 2 4921 7053

SYLLABUS

Course Content	<ol style="list-style-type: none">1. Medico-legal requirements for surgery2. Biological safety3. Podiatric surgical procedures for the foot and ankle4. Peri-operative patient management and complications5. Paediatric surgery6. Assessment and management of the high risk foot7. Clinical skills in nail surgery
Course Learning Outcomes	<p>On successful completion of this course, students will be able to:</p> <ol style="list-style-type: none">1. Describe the techniques and principles of a variety of surgical procedures performed on the foot and ankle.2. Describe indications, contraindications and risks of basic surgical procedures conducted by podiatrists.3. Identify the medico-legal implications relevant to surgical procedures carried out by podiatrists.4. Describe appropriate evidence based patient peri-operative management in podiatric surgery including critical appraisal of the relevant literature5. Demonstrate understanding of podiatric surgery as it relates to the paediatric patient.6. Demonstrate skills in assessment of the high risk foot and describe appropriate surgical and conservative therapies.7. Demonstrate advanced professional behaviour including: infection control for surgery, working effectively in a clinical setting, ethical evidence based practice and communication.8. Demonstrate skills and knowledge to describe and perform all aspects of nail surgery.
Course Materials	<p>This course is supported by the Canvas site CRS.301249.2023.S1 PDTY3102 PODIATRIC SURGERY</p> <p>Recommended Texts</p> <ul style="list-style-type: none">• Southerland, JT. (Ed.) (2013) McGlamry's comprehensive textbook of foot and ankle surgery. (4th ed) Philadelphia: Wolters Kluwer Health/Lippincott Williams & Wilkins• Coughlin, M., Mann, R., Saltzman, C. (2007) Surgery of the Foot and Ankle. Philadelphia: Mosby• Metcalfe, S., Reilly, I. (2010) Foot and ankle injection techniques: a Practical guide. Edinburgh: Churchill Livingstone

- Finucane, B. (Ed) (2007) Complications of regional anaesthesia, New York: Springer.
- Malamed, S. Handbook of local anaesthesia (6th ed.) St. Louis, Elsevier/Mosby, 2013.
- Gunmann, G. (2004) Fractures of the foot and ankle, Philadelphia: Saunders

Lecture	Friday	1:00 – 3:00pm	Face to face @ Wyong Clinic	Weeks 1-7, 9-12
Clinical and Practicum	Friday	8.30AM* - 12.30 PM *7.30am if rostered onto the High Risk Clinic (see roster)	Wyong Clinic	Weeks 1-12 to be allocated by Coordinator

COMPULSORY REQUIREMENTS

In order to pass this course, each student must complete ALL of the following compulsory requirements:

Contact Hour Requirements:

- Clinical Has compulsory attendance

Course Assessment Requirements:

- Assessment 5 - Clinic: Pass requirement - Must pass this assessment item to pass the course.

Compulsory Placement and WHS Requirements:

- CPR/Anaphylaxis - students must complete a First Aid/Anaphylaxis Certificate issued by an approved provider.
- NSW Health Verification Requirements - Mandatory NSW Health Verification Requirements must be met.
- National Police Certificate - Students must complete a National Police Check.
- Prohibited Employment Declaration - Declaration that student is not a prohibited person in terms of the Child Protection (Prohibited Employment) Act 1998.

ASSESSMENTS

This course has 5 assessments. Each assessment is described in more detail in the sections below.

	Assessment Name	Due Date	Involvement	Weighting	Learning Outcomes
1	Class Examination - Anatomy	During surgery clinic tutorials in weeks 4, 6 and 7. Test will depend on your group roster.	Individual	10%	1, 8
2	Written Assignment - Journal Article Review	Week 12: 5:00pm Monday, 27 th of May	Individual	10%	4, 8
3	Class Exam Mid-semester	Week 8: Friday 3 rd of May in lecture time	Individual	30%	2, 3, 4, 8
4	Formal Examination	Formal examination period	Individual	50%	1, 2, 3, 4, 5, 6, 8
5	Clinic*		Individual	Formative	7, 8

* This assessment has a compulsory requirement.

Late Submissions

The mark for an assessment item submitted after the designated time on the due date, without an approved extension of time, will be reduced by 10% of the possible maximum mark for that assessment item for each day or part day that the assessment item is late. Note: this applies equally to week and weekend days.

Assessment 1 - Class Examination - Anatomy

Assessment Type	In Term Test
Description	A class test covering anatomy of the lower leg and foot. The format for this exam will be short answer questions
Weighting	10%
Due Date	Week 4 or Week 6 or Week 7 (Depending on your roster, details to follow)
Submission Method	In-class exam
Assessment Criteria	Assesses objectives 1 & 8
Return Method	This assessment will not be returned to you
Feedback Provided	Individual feedback can be provided by individual appointment with the course co-ordinator
Opportunity to Reattempt	Students WILL NOT be given the opportunity to reattempt this assessment.

Assessment 2 - Written Assignment - Journal Article Review

Assessment Type	Written Assignment
Description	Question sheet following review of provided journal articles
Weighting	10%
Due Date	Week 12, 5:00pm, Monday 27 th of May 2024
Submission Method	Online submission via Canvas
Assessment Criteria	Assesses objectives 4 & 8
Return Method	Marks posted on Canvas
Feedback Provided	Individual written feedback will be provided via Canvas
Opportunity to Reattempt	Students WILL NOT be given the opportunity to reattempt this assessment. Extension of time for this assessment item will only be provided if it is accompanied by an appropriate Adverse Circumstances application.

Assessment 3 - Class Exam Mid-semester

Assessment Type	In Term Test
Description	A mid-semester theory examination that will examine topics taught during the first 6 weeks of the semester. The format for this exam will be short answer questions
Weighting	30%
Due Date	Week 8 - Friday 3 rd of May, 1.30pm. Location to be advised
Submission Method	In-Class exam
Assessment Criteria	Assesses Objectives 1 – 4 & 8
Return Method	This assessment item will not be returned to you
Feedback Provided	Answers to this assessment item will be discussed in class time. You may view your paper on request.
Opportunity to Reattempt	Students WILL NOT be given the opportunity to reattempt this assessment.

Assessment 4 - Formal Examination

Assessment Type	Formal Examination
Description	Multiple choice examination
Weighting	50%
Due Date	Formal examination period
Submission Method	Formal exam – This is a closed book examination
Assessment Criteria	Assesses objectives 1 – 6 & 8
Return Method	This assessment item will not be returned to you
Feedback Provided	Individual feedback can be provided by individual appointment with the course co-ordinator
Opportunity to Reattempt	Students WILL NOT be given the opportunity to reattempt this assessment.

Assessment 5 - Clinic

Assessment Type	Professional Task
Description	The clinical competencies log book is an individual assessment item that demonstrates a student's knowledge and skill to practice safely, effectively and ethically on internal placement. It is also a record of your compulsory attendance and completion of appropriate professional behaviour during the clinics
Weighting	This is a formative assessment and will not contribute to your final grade
Compulsory Requirements	Pass requirement - Must pass this assessment item to pass the course
Due Date	All log book items must be signed off by the end of week 12 (Friday 31 st of May)
Submission Method	Log books must be submitted and signed in by a staff member at the student's final clinic
Assessment Criteria	Assesses objectives 7 & 8
Return Method	Completed log books will not be returned to students
Feedback Provided	Supervising clinicians provide feedback to students during clinical sessions. If a student wishes to receive feedback on a particular aspect of their clinical practice they should directly request this feedback from their supervisor
Opportunity to Reattempt	Students WILL NOT be given the opportunity to reattempt this assessment.

ADDITIONAL INFORMATION

Grading Scheme

This course is graded as follows:

Range of Marks	Grade	Description
85-100	High Distinction (HD)	Outstanding standard indicating comprehensive knowledge and understanding of the relevant materials; demonstration of an outstanding level of academic achievement; mastery of skills*; and achievement of all assessment objectives.
75-84	Distinction (D)	Excellent standard indicating a very high level of knowledge and understanding of the relevant materials; demonstration of a very high level of academic ability; sound development of skills*; and achievement of all assessment objectives.
65-74	Credit (C)	Good standard indicating a high level of knowledge and understanding of the relevant materials; demonstration of a high level of academic achievement; reasonable development of skills*; and achievement of all learning outcomes.
50-64	Pass (P)	Satisfactory standard indicating an adequate knowledge and understanding of the relevant materials; demonstration of an adequate level of academic achievement; satisfactory development of skills*; and achievement of all learning outcomes.
0-49	Fail (FF)	Failure to satisfactorily achieve learning outcomes. If all compulsory course components are not completed the mark will be zero. A fail grade may also be awarded following disciplinary action.

*Skills are those identified for the purposes of assessment task(s).

Communication Methods

Communication methods used in this course include:

Course Evaluation

Each year feedback is sought from students and other stakeholders about the courses offered in the University for the purposes of identifying areas of excellence and potential improvement.

Oral Interviews (Vivas)

As part of the evaluation process of any assessment item in this course an oral examination (viva) may be conducted. The purpose of the oral examination is to verify the authorship of the material submitted in response to the assessment task. The oral examination will be

conducted in accordance with the principles set out in the [Oral Examination \(viva\) Procedure](#). In cases where the oral examination reveals the assessment item may not be the student's own work the case will be dealt with under the [Student Conduct Rule](#).

Academic Misconduct

All students are required to meet the academic integrity standards of the University. These standards reinforce the importance of integrity and honesty in an academic environment. Academic Integrity policies apply to all students of the University in all modes of study and in all locations. For the Student Academic Integrity Policy, refer to <https://policies.newcastle.edu.au/document/view-current.php?id=35>.

Adverse Circumstances

The University acknowledges the right of students to seek consideration for the impact of allowable adverse circumstances that may affect their performance in assessment item(s). Applications for special consideration due to adverse circumstances will be made using the online Adverse Circumstances system where:

1. the assessment item is a major assessment item; or
2. the assessment item is a minor assessment item and the Course Co-ordinator has specified in the Course Outline that students may apply the online Adverse Circumstances system;
3. you are requesting a change of placement; or
4. the course has a compulsory attendance requirement.

Before applying you must refer to the Adverse Circumstance Affecting Assessment Items Procedure available at:

<https://policies.newcastle.edu.au/document/view-current.php?id=236>

Important Policy Information

The Help button in the Canvas Navigation menu contains helpful information for using the Learning Management System. Students should familiarise themselves with the policies and procedures at <https://www.newcastle.edu.au/current-students/respect-at-uni/policies-and-procedures> that support a safe and respectful environment at the University.

This course outline was approved by the Head of School. No alteration of this course outline is permitted without Head of School approval. If a change is approved, students will be notified and an amended course outline will be provided in the same manner as the original.

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SCHEDULE

WEEK	FRIDAY	LECTURE	CLINIC TUTORIALS	TUTORIALS ONLINE
1	1/3	Introduction to podiatric surgery Medico-legal requirements, bio safety/infection control	Foot anatomy review + digital block	Review infection control Patient consent
2	8/3	Pre-op reviews, Review LA Radiology for surgery	Foot anatomy review + digital block	Review local anaesthesia
3	15/3	Nail procedures (PNA, TNA, wedge resection)	Foot anatomy review + digital block	Patient selection & assessment
4	22/3	Hallux valgus and Hallux limitus surgery	Anatomy Test + PNA case studies + LA block	Ingrown toe nails, PNA procedure and nail matrix ablation
5	29/3	Self-guided lecture: Perineural fibroma (Morton's neuroma)	GOOD FRIDAY	Ingrown toe nails, PNA procedure and nail matrix ablation
6	5/4	Digital surgery and lesser metatarsal surgery	Anatomy Test + PNA case studies + LA block	Hallux valgus/hallux limitus
7	12/4	Curettage, skin biopsy and soft tissue procedures, plus Midfoot surgery	Anatomy Test + PNA case studies + LA block	Digital & lesser met surgery
MID-SEMESTER BREAK				
8	3/5	MID-SEMESTER EXAM	NO TUTORIAL	Morton's Neuroma
9	10/5	Post-operative management, complications and CRPS	Imaging review + Post-surgery orthoses + LA block	Midfoot surgery
10	17/5	Paediatric foot and ankle surgery	Imaging review + Post-surgery orthoses + LA block	Post-operative management
11	24/5	Surgery and the high risk foot	Imaging review + Post-surgery orthoses + LA block	Paediatric surgical case studies
12	31/5	Ankle and Rearfoot Surgery	NO TUTORIAL	The Critical Limb