



# PHTY815

## Physiotherapy, Healthcare and Society

S1 Day 2014

*Department of Health Professions*

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## General Information

### Unit convenor and teaching staff

Unit Convenor

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Lecturer and tutor

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Credit points

4

Prerequisites

PHTY808 and PHTY809 and PHTY810 and PHTY811

Corequisites

Co-badged status

Unit description

This unit includes two modules: an advanced musculoskeletal physiotherapy module and an advanced clinical reasoning module addressing complex patient-centred health care in society. In the musculoskeletal module, students will develop advanced manual therapy skills. In the advanced clinical reasoning module, students will develop skills in the assessment and management planning for patients with multisystem or complex problems. In this unit students will build on and integrate material from their clinical placements, the core areas of musculoskeletal, cardiorespiratory and neurological physiotherapy as well as foundation sciences. Additionally, students will identify their dissertation topic for the final two semesters of the program.

## Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are

available at <https://www.mq.edu.au/study/calendar-of-dates>

## Learning Outcomes

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

Design and conduct an assessment of people with complex musculoskeletal problems or people with problems across multiple systems.

Demonstrate advanced clinical reasoning to interpret and analyse complex assessment findings to form a diagnosis and prioritised list of problems in impairments, activity limitations and participation restriction.

Demonstrate advanced clinical reasoning abilities to develop a physiotherapy intervention plan for complex musculoskeletal and/or multisystem problems that addresses the individual's goals and is based on best evidence.

Demonstrate safe and effective physiotherapy interventions used to treat complex musculoskeletal problems or people with problems across multiple systems.

Perform advanced manual therapy techniques with safety and competence.

Determine a plan of monitoring and evaluation that uses appropriate outcome measures during the assessment and treatment of complex musculoskeletal problems or people with problems across multiple systems.

Identify and justify an individual dissertation topic that will be further developed in PHTY 819 Advanced Research Training and completed in PHTY821 Dissertation and Seminar.

## Assessment Tasks

Name	Weighting	Due
<a href="#">Practical exam</a>	30%	Week starting 5th May
<a href="#">Written report</a>	30%	Friday 23rd May
<a href="#">Viva exam</a>	40%	End of semester exam period

### Practical exam

Due: **Week starting 5th May**

Weighting: **30%**

Skills based practical exam on advanced manual therapy techniques

On successful completion you will be able to:

- Demonstrate advanced clinical reasoning abilities to develop a physiotherapy intervention plan for complex musculoskeletal and/or multisystem problems that addresses the individual's goals and is based on best evidence.
- Demonstrate safe and effective physiotherapy interventions used to treat complex musculoskeletal problems or people with problems across multiple systems.
- Perform advanced manual therapy techniques with safety and competence.

## Written report

Due: **Friday 23rd May**

Weighting: **30%**

Report requires students to reflect, identify and justify their selection of dissertation topic area

On successful completion you will be able to:

- Identify and justify an individual dissertation topic that will be further developed in PHTY 819 Advanced Research Training and completed in PHTY821 Dissertation and Seminar.

## Viva exam

Due: **End of semester exam period**

Weighting: **40%**

Based on complex cases provided prior to the viva exam, students will be required to describe and justify evidence based assessment and treatment choices at an advanced level

On successful completion you will be able to:

- Design and conduct an assessment of people with complex musculoskeletal problems or people with problems across multiple systems.
- Demonstrate advanced clinical reasoning to interpret and analyse complex assessment findings to form a diagnosis and prioritised list of problems in impairments, activity limitations and participation restriction.
- Demonstrate advanced clinical reasoning abilities to develop a physiotherapy intervention plan for complex musculoskeletal and/or multisystem problems that addresses the individual's goals and is based on best evidence.
- Demonstrate safe and effective physiotherapy interventions used to treat complex musculoskeletal problems or people with problems across multiple systems.
- Determine a plan of monitoring and evaluation that uses appropriate outcome measures

during the assessment and treatment of complex musculoskeletal problems or people with problems across multiple systems.

## Delivery and Resources

### Technology and equipment

Teaching rooms are equipped with state of art audio-visual and ICT equipment including 1 laptop per 2 students, ipads, internet connection, high quality video cameras and multiple LCD screens.

Videos of many of the assessment and treatment skills will be available on the ilearn site.

### Assessment/Standards

Details for each assessment task will be available on ilearn.

Marking rubrix for all 3 pieces of assessment will be available on ilearn.

To pass this unit students must complete all assessments and receive a total mark of 50% or more.

**Consultation with staff:** All staff will be available for individual consultation. See ilearn for contact details and times.

**Teaching and Learning strategy:** Lectures will provide foundation knowledge and also use large group demonstrations and discussion. Tutorials will focus on developing technical skills and clinical decision making.

**Ilearn:** Important materials for preparation and consolidation of lecture and tutorial content will be available on ilearn

## Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](#). Students should be aware of the following policies in particular with regard to Learning and Teaching:

Academic Honesty Policy [http://mq.edu.au/policy/docs/academic\\_honesty/policy.html](http://mq.edu.au/policy/docs/academic_honesty/policy.html)

Assessment Policy <http://mq.edu.au/policy/docs/assessment/policy.html>

Grading Policy <http://mq.edu.au/policy/docs/grading/policy.html>

Grade Appeal Policy <http://mq.edu.au/policy/docs/gradeappeal/policy.html>

Grievance Management Policy [http://mq.edu.au/policy/docs/grievance\\_management/policy.html](http://mq.edu.au/policy/docs/grievance_management/policy.html)

Disruption to Studies Policy [http://www.mq.edu.au/policy/docs/disruption\\_studies/policy.html](http://www.mq.edu.au/policy/docs/disruption_studies/policy.html) *The Disruption to Studies Policy is effective from March 3 2014 and replaces the Special Consideration Policy.*

In addition, a number of other policies can be found in the [Learning and Teaching Category](#) of Policy Central.

## **Student Code of Conduct**

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: [https://students.mq.edu.au/support/student\\_conduct/](https://students.mq.edu.au/support/student_conduct/)

## **Student Support**

Macquarie University provides a range of support services for students. For details, visit <http://students.mq.edu.au/support/>

## **Learning Skills**

Learning Skills ([mq.edu.au/learningskills](http://mq.edu.au/learningskills)) provides academic writing resources and study strategies to improve your marks and take control of your study.

- [Workshops](#)
- [StudyWise](#)
- [Academic Integrity Module for Students](#)
- [Ask a Learning Adviser](#)

## **Student Services and Support**

Students with a disability are encouraged to contact the [Disability Service](#) who can provide appropriate help with any issues that arise during their studies.

## **Student Enquiries**

For all student enquiries, visit Student Connect at [ask.mq.edu.au](http://ask.mq.edu.au)

## **IT Help**

For help with University computer systems and technology, visit <http://informatics.mq.edu.au/help/>.

When using the University's IT, you must adhere to the [Acceptable Use Policy](#). The policy applies to all who connect to the MQ network including students.

## **Graduate Capabilities**

### **PG - Discipline Knowledge and Skills**

Our postgraduates will be able to demonstrate a significantly enhanced depth and breadth of knowledge, scholarly understanding, and specific subject content knowledge in their chosen fields.

This graduate capability is supported by:

## **Learning outcomes**

- Design and conduct an assessment of people with complex musculoskeletal problems or people with problems across multiple systems.
- Demonstrate advanced clinical reasoning to interpret and analyse complex assessment findings to form a diagnosis and prioritised list of problems in impairments, activity limitations and participation restriction.
- Demonstrate advanced clinical reasoning abilities to develop a physiotherapy intervention plan for complex musculoskeletal and/or multisystem problems that addresses the individual's goals and is based on best evidence.
- Demonstrate safe and effective physiotherapy interventions used to treat complex musculoskeletal problems or people with problems across multiple systems.
- Perform advanced manual therapy techniques with safety and competence.
- Determine a plan of monitoring and evaluation that uses appropriate outcome measures during the assessment and treatment of complex musculoskeletal problems or people with problems across multiple systems.

## **Assessment tasks**

- Practical exam
- Viva exam

## **PG - Critical, Analytical and Integrative Thinking**

Our postgraduates will be capable of utilising and reflecting on prior knowledge and experience, of applying higher level critical thinking skills, and of integrating and synthesising learning and knowledge from a range of sources and environments. A characteristic of this form of thinking is the generation of new, professionally oriented knowledge through personal or group-based critique of practice and theory.

This graduate capability is supported by:

## **Learning outcomes**

- Design and conduct an assessment of people with complex musculoskeletal problems or people with problems across multiple systems.
- Demonstrate advanced clinical reasoning to interpret and analyse complex assessment findings to form a diagnosis and prioritised list of problems in impairments, activity limitations and participation restriction.
- Demonstrate advanced clinical reasoning abilities to develop a physiotherapy intervention plan for complex musculoskeletal and/or multisystem problems that

addresses the individual's goals and is based on best evidence.

- Perform advanced manual therapy techniques with safety and competence.
- Determine a plan of monitoring and evaluation that uses appropriate outcome measures during the assessment and treatment of complex musculoskeletal problems or people with problems across multiple systems.
- Identify and justify an individual dissertation topic that will be further developed in PHTY 819 Advanced Research Training and completed in PHTY821 Dissertation and Seminar.

## **Assessment tasks**

- Practical exam
- Written report
- Viva exam

## **PG - Research and Problem Solving Capability**

Our postgraduates will be capable of systematic enquiry; able to use research skills to create new knowledge that can be applied to real world issues, or contribute to a field of study or practice to enhance society. They will be capable of creative questioning, problem finding and problem solving.

This graduate capability is supported by:

## **Learning outcomes**

- Demonstrate advanced clinical reasoning to interpret and analyse complex assessment findings to form a diagnosis and prioritised list of problems in impairments, activity limitations and participation restriction.
- Demonstrate advanced clinical reasoning abilities to develop a physiotherapy intervention plan for complex musculoskeletal and/or multisystem problems that addresses the individual's goals and is based on best evidence.
- Identify and justify an individual dissertation topic that will be further developed in PHTY 819 Advanced Research Training and completed in PHTY821 Dissertation and Seminar.

## **Assessment task**

- Written report

## **PG - Effective Communication**

Our postgraduates will be able to communicate effectively and convey their views to different social, cultural, and professional audiences. They will be able to use a variety of technologically supported media to communicate with empathy using a range of written, spoken or visual formats.

This graduate capability is supported by:



## Learning outcomes

- Design and conduct an assessment of people with complex musculoskeletal problems or people with problems across multiple systems.
- Identify and justify an individual dissertation topic that will be further developed in PHTY 819 Advanced Research Training and completed in PHTY821 Dissertation and Seminar.

## Assessment tasks

- Practical exam
- Written report
- Viva exam

## PG - Engaged and Responsible, Active and Ethical Citizens

Our postgraduates will be ethically aware and capable of confident transformative action in relation to their professional responsibilities and the wider community. They will have a sense of connectedness with others and country and have a sense of mutual obligation. They will be able to appreciate the impact of their professional roles for social justice and inclusion related to national and global issues

This graduate capability is supported by:

### Learning outcome

- Design and conduct an assessment of people with complex musculoskeletal problems or people with problems across multiple systems.

## PG - Capable of Professional and Personal Judgment and Initiative

Our postgraduates will demonstrate a high standard of discernment and common sense in their professional and personal judgment. They will have the ability to make informed choices and decisions that reflect both the nature of their professional work and their personal perspectives.

This graduate capability is supported by:

### Learning outcome

- Demonstrate safe and effective physiotherapy interventions used to treat complex musculoskeletal problems or people with problems across multiple systems.

### Assessment task

- Viva exam