



# PHTY815

## Physiotherapy, Healthcare and Society

S1 Day 2015

*Department of Health Professions*

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## General Information

Unit convenor and teaching staff

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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 sessions 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.

## General Assessment Information

Grade descriptors and other information concerning grading are contained in the Macquarie University Grading Policy, which is available at: <http://www.mq.edu.au/policy/docs/grading/policy.html>

To pass this unit, students must demonstrate sufficient evidence of achievement of the learning outcomes.

Further details for each assessment task will be available on iLearn including marking rubrics.

All final grades in the Department of Health Professions are determined by a grading committee and are not the sole responsibility of the Unit Convenor.

Students will be awarded one of these grades plus a Standardised Numerical Grade (SNG). The SNG is not necessarily a summation of the individual assessment components. The final grade and SNG that are awarded reflect the corresponding grade descriptor in the Grading Policy.

### **Extensions for Assessment Tasks**

Applications for assessment task extensions must be submitted via [www.ask.mq.edu.au](http://www.ask.mq.edu.au). For further details please refer to the Disruption to Studies Policy available at [http://mq.edu.au/policy/docs/disruption\\_studies/policy.html](http://mq.edu.au/policy/docs/disruption_studies/policy.html)

### **Late Submission of Work**

All assignments which are officially received after the due date, and where no extension has been granted by the course convenor or tutor, will incur a deduction of 10% for the first day, and 10% for each subsequent day including the actual day on which the work is received. Weekends and public holidays are included. For example:

Due Date	Received	Days Late	Deduction	Raw Mark	Final Mark
Friday, 14th	Monday, 17 <sup>th</sup>	3	30%	75%	45%

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## **Assessment Tasks**

Name	Weighting	Due
<a href="#">Practical exam</a>	30%	Week 7
<a href="#">Written report</a>	30%	Friday 15th May
<a href="#">Viva exam</a>	40%	End of semester exam period

## Practical exam

Due: **Week 7**

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 15th 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**

### **Assumed knowledge**

This unit assumes that you have a good understanding of all content delivered in semester B across the core areas of physiotherapy practice. In particular the advanced manual therapy module draws strongly from PHTY805 and the research planning module draws strongly from PHTY804.

### **Teaching and Learning Strategy**

Lectures will provide foundation knowledge and also use large group demonstrations and discussion, enabling students to use tutorial time efficiently to develop technical skills and clinical reasoning. There are 3 key modules (research planning, advanced manual therapy and complex cases) all of which build on the skills and knowledge from semesters A, B and C with a focus now on increased complexity and integration of knowledge across core areas of physiotherapy.

### **Unit Organisation**

This is a four credit point unit run over a 13 week session. There is an average of one two hour lecture and two hour tutorial each week. Further information is available in iLearn.

### **Attendance**

All lectures and tutorials are scheduled in your individual timetable. You may make a request to your tutor to attend a different tutorial on a one-off basis for extenuating circumstances. In most cases lectures are recorded; however, attendance is expected at both lectures and tutorials, as this is where the majority of learning occurs. Failure to attend may impact your final results. It is the responsibility of the student to contact their tutor by email to inform tutors if they are going to be absent. The timetable for classes can be found on the University web site at: <http://www.timetables.mq.edu.au/>.

### **Unit materials and readings**

There is no compulsory textbook for this unit. Weekly readings will come from journal articles and a range of text book chapters. Most weekly readings will be available on e-reserve or as full text articles through the library. Where this is not possible a hard copy will be placed in the library reserve. Weekly readings will be listed on ilearn.

## Technology and equipment

### On-campus

Teaching rooms are equipped with state of art audio-visual and ICT equipment including ipads,laptops, internet connection, high quality video cameras and multiple LCD screens. Students will use a range of physiotherapy specific equipment typically used in the assessment and management of people with a range of health conditions.

### Off-campus

To study optimally when off campus you will need to have access to a reliable internet connection to retrieve unit information & at times to submit assessment tasks via iLearn.

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

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

## 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/)

## Results

Results shown in *iLearn*, or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in [eStudent](#). For more information visit [ask.mq.edu.au](http://ask.mq.edu.au).

## 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 - 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



## 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.

## Changes from Previous Offering

No substantial changes are planned for this unit in 2015