



PHTY805

Physiotherapy Practice A

S1 Day 2014

Department of Health Professions

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General Information

Unit convenor and teaching staff

Unit Convenor

Mark Hancock

mark.hancock@mq.edu.au

Contact via mark.hancock@mq.edu.au

See ilearn site

Tutor

Tamer Sabet

tamer.sabet@mq.edu.au

Contact via tamer.sabet@mq.edu.au

Tutor

Andrew Lawson

andrew.lawson@mq.edu.au

Contact via andrew.lawson@mq.edu.au

Credit points

4

Prerequisites

PHTY800 and PHTY801 and PHTY802 and PHTY803

Corequisites

PHTY804 and PHTY806

Co-badged status

Unit description

This is the first of two units to develop knowledge, skills and attributes required by physiotherapists to assess and treat clients of all ages with disorders of the musculoskeletal system. The focus of this unit is on common musculoskeletal conditions of the spine. This unit builds on knowledge and skill previously attained and integrates with the concurrent unit PHTY804. Students will develop the ability to select and implement interventions based on clinical reasoning, principles of evidence-based practice, and safety, in preparation for clinical placements.

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:

Describe common musculoskeletal conditions of the cervical, thoracic and lumbosacral spine and understand the principles of physiotherapy treatment of these conditions in primary care.

Demonstrate competency in screening for serious spinal pathologies and understand the appropriate course of action for those suspected of having such pathology.

Plan and conduct an assessment of people with musculoskeletal conditions of the spine, in the framework of the biopsychosocial model, including a comprehensive history and physical examination and screening for predictors of persistent pain and disability.

Analyse assessment findings to form a diagnosis using the model of diagnostic triage and a prioritised list of problems in impairments, activity limitations and participation restrictions.

Demonstrate competency in communicating with people with spinal pain to provide appropriate information about their diagnosis and prognosis and to select a treatment with consideration of the individual's preferences and expectations.

Describe the efficacy of treatments for musculoskeletal conditions of the spine based on current evidence and demonstrate competence in implementing these treatments with peers.

Develop and implement a person-centred physiotherapy plan that addresses the individual's goals, utilises evidence-based treatment and is evaluated using appropriate outcome measures.

Demonstrate competency in performing technical skills for both assessment and treatment

Assessment Tasks

Name	Weighting	Due
<u>Mastery of Clinical Skills</u>	10%	13th June
<u>Clinical simulation exam 1</u>	20%	Week starting 28th April
<u>Clinical simulation exam 2</u>	30%	End of semester exam period
<u>Written examination</u>	40%	End of semester exam period

Mastery of Clinical Skills

Due: **13th June**

Weighting: **10%**

The unit will have 10 key clinical skills. Students are responsible for getting the tutor to mark these off during the semester when they have achieved the standard required. Further details are available on ilearn.

On successful completion you will be able to:

- Describe the efficacy of treatments for musculoskeletal conditions of the spine based on current evidence and demonstrate competence in implementing these treatments with peers.
- Demonstrate competency in performing technical skills for both assessment and treatment

Clinical simulation exam 1

Due: **Week starting 28th April**

Weighting: **20%**

Students will perform a practical exam involving assessment of a person with spinal pain. Further details are available on ilearn.

On successful completion you will be able to:

- Demonstrate competency in screening for serious spinal pathologies and understand the appropriate course of action for those suspected of having such pathology.
- Plan and conduct an assessment of people with musculoskeletal conditions of the spine, in the framework of the biopsychosocial model, including a comprehensive history and physical examination and screening for predictors of persistent pain and disability.

Clinical simulation exam 2

Due: **End of semester exam period**

Weighting: **30%**

Students will perform a practical exam involving treatment of a person with spinal pain. Further details are available on ilearn.

On successful completion you will be able to:

- Demonstrate competency in communicating with people with spinal pain to provide appropriate information about their diagnosis and prognosis and to select a treatment with consideration of the individual's preferences and expectations.

- Describe the efficacy of treatments for musculoskeletal conditions of the spine based on current evidence and demonstrate competence in implementing these treatments with peers.
- Develop and implement a person-centred physiotherapy plan that addresses the individual's goals, utilises evidence-based treatment and is evaluated using appropriate outcome measures.

Written examination

Due: **End of semester exam period**

Weighting: **40%**

Final written examination covering all content from this unit. Sample questions will be available on ilearn at least 2 weeks prior to the exam.

On successful completion you will be able to:

- Describe common musculoskeletal conditions of the cervical, thoracic and lumbosacral spine and understand the principles of physiotherapy treatment of these conditions in primary care.
- Demonstrate competency in screening for serious spinal pathologies and understand the appropriate course of action for those suspected of having such pathology.
- Plan and conduct an assessment of people with musculoskeletal conditions of the spine, in the framework of the biopsychosocial model, including a comprehensive history and physical examination and screening for predictors of persistent pain and disability.
- Analyse assessment findings to form a diagnosis using the model of diagnostic triage and a prioritised list of problems in impairments, activity limitations and participation restrictions.
- Demonstrate competency in communicating with people with spinal pain to provide appropriate information about their diagnosis and prognosis and to select a treatment with consideration of the individual's preferences and expectations.
- Describe the efficacy of treatments for musculoskeletal conditions of the spine based on current evidence and demonstrate competence in implementing these treatments with peers.
- Develop and implement a person-centred physiotherapy plan that addresses the individual's goals, utilises evidence-based treatment and is evaluated using appropriate outcome measures.

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 the 2 clinical simulation (practical exams) 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. Tutorials will rely heavily on the use of case studies and authentic learning environments to assist student engagement and preparation for clinical placements in the following semester.

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

Unit Schedule

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

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

Disruption to Studies Policy 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/

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) 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

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

- Describe common musculoskeletal conditions of the cervical, thoracic and lumbosacral spine and understand the principles of physiotherapy treatment of these conditions in primary care.
- Demonstrate competency in screening for serious spinal pathologies and understand the appropriate course of action for those suspected of having such pathology.
- Plan and conduct an assessment of people with musculoskeletal conditions of the spine, in the framework of the biopsychosocial model, including a comprehensive history and physical examination and screening for predictors of persistent pain and disability.
- Analyse assessment findings to form a diagnosis using the model of diagnostic triage and a prioritised list of problems in impairments, activity limitations and participation restrictions.
- Describe the efficacy of treatments for musculoskeletal conditions of the spine based on current evidence and demonstrate competence in implementing these treatments with peers.
- Develop and implement a person-centred physiotherapy plan that addresses the individual's goals, utilises evidence-based treatment and is evaluated using appropriate outcome measures.
- Demonstrate competency in performing technical skills for both assessment and treatment

Assessment tasks

- Mastery of Clinical Skills
- Clinical simulation exam 1
- Clinical simulation exam 2
- Written examination

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

- Describe common musculoskeletal conditions of the cervical, thoracic and lumbosacral spine and understand the principles of physiotherapy treatment of these conditions in primary care.
- Demonstrate competency in screening for serious spinal pathologies and understand the appropriate course of action for those suspected of having such pathology.
- Plan and conduct an assessment of people with musculoskeletal conditions of the spine, in the framework of the biopsychosocial model, including a comprehensive history and physical examination and screening for predictors of persistent pain and disability.
- Analyse assessment findings to form a diagnosis using the model of diagnostic triage and a prioritised list of problems in impairments, activity limitations and participation restrictions.
- Develop and implement a person-centred physiotherapy plan that addresses the individual's goals, utilises evidence-based treatment and is evaluated using appropriate outcome measures.

Assessment task

- Written examination

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

- Describe common musculoskeletal conditions of the cervical, thoracic and lumbosacral spine and understand the principles of physiotherapy treatment of these conditions in primary care.
- Demonstrate competency in screening for serious spinal pathologies and understand the appropriate course of action for those suspected of having such pathology.
- Plan and conduct an assessment of people with musculoskeletal conditions of the spine,

in the framework of the biopsychosocial model, including a comprehensive history and physical examination and screening for predictors of persistent pain and disability.

- Analyse assessment findings to form a diagnosis using the model of diagnostic triage and a prioritised list of problems in impairments, activity limitations and participation restrictions.
- Develop and implement a person-centred physiotherapy plan that addresses the individual's goals, utilises evidence-based treatment and is evaluated using appropriate outcome measures.

Assessment task

- Written examination

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

- Demonstrate competency in communicating with people with spinal pain to provide appropriate information about their diagnosis and prognosis and to select a treatment with consideration of the individual's preferences and expectations.
- Describe the efficacy of treatments for musculoskeletal conditions of the spine based on current evidence and demonstrate competence in implementing these treatments with peers.

Assessment tasks

- Clinical simulation exam 1
- Clinical simulation exam 2

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 outcomes

- Demonstrate competency in screening for serious spinal pathologies and understand the appropriate course of action for those suspected of having such pathology.
- Demonstrate competency in communicating with people with spinal pain to provide appropriate information about their diagnosis and prognosis and to select a treatment with consideration of the individual's preferences and expectations.
- Develop and implement a person-centred physiotherapy plan that addresses the individual's goals, utilises evidence-based treatment and is evaluated using appropriate outcome measures.

Assessment task

- Written examination

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 outcomes

- Demonstrate competency in screening for serious spinal pathologies and understand the appropriate course of action for those suspected of having such pathology.
- Demonstrate competency in communicating with people with spinal pain to provide appropriate information about their diagnosis and prognosis and to select a treatment with consideration of the individual's preferences and expectations.
- Develop and implement a person-centred physiotherapy plan that addresses the individual's goals, utilises evidence-based treatment and is evaluated using appropriate outcome measures.

Assessment tasks

- Clinical simulation exam 1
- Clinical simulation exam 2
- Written examination