



PHTY807

Physiotherapy Practice C

S1 Day 2017

Department of Health Professions

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General Information

Unit convenor and teaching staff

Unit Convenor

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Available Wednesday, Thursday and Friday

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Lecturer/Tutor

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Lecturer/Tutor

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Available Tuesday and Friday

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Available Wednesday

Taryn Jones

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Credit points

4

Prerequisites

PHTY800 and PHTY801 and PHTY802 and PHTY803

Corequisites

PHTY804

Co-badged status

Unit description

This unit will focus on the development of knowledge, skills and attributes required by physiotherapists to assess and treat clients of all ages with disorders of the cardiorespiratory and neurological systems. This unit builds on knowledge and skill attained in session 1 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 next session.

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 disorders of the cardiorespiratory and neurological systems and understand the principles of medical and physiotherapy treatment of these conditions.

Describe the role of other health professionals in the treatment of individuals with cardiorespiratory and/or neurological conditions.

Plan and conduct an assessment of people with cardiorespiratory and neurological disorders including a comprehensive history and physical examination.

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

Demonstrate competency in communicating with people with cardiorespiratory and neurological disorders 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 physiotherapy treatments for cardiorespiratory and neurological disorders 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

General Assessment Information

Information concerning Macquarie University's assessment policy is available at <http://mq.edu.a>

[u/policy/docs/assessment/policy_2016.html](http://www.mq.edu.au/policy/docs/assessment/policy_2016.html). Grade descriptors and other information concerning grading requirements are contained in Schedule 1 of the Macquarie University Assessment Policy, which is available at: http://www.mq.edu.au/policy/docs/assessment/schedule_1.html

To pass this unit, students must demonstrate sufficient evidence of achievement of the learning outcomes and attempt all assessment tasks

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 Schedule 1 of the Assessment Policy.

This unit consists of two distinct modules: cardiorespiratory physiotherapy and neurological physiotherapy. To pass this unit, students must demonstrate sufficient evidence of achievement of learning outcomes for both the neurological physiotherapy and cardiorespiratory physiotherapy modules. Students who do not reach a satisfactory standard in one or both of the modules will achieve a Standardised Numerical Grade (SNG) of no more than 45 Fail for the unit.

Extensions for Assessment Tasks

Applications for assessment task extensions must be submitted via 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

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, 17th	3	30%	75%	45%

Assessment Tasks

Name	Weighting	Hurdle	Due
Clinical Simulation Exam 1	25%	No	5th or 7th April
Clinical Simulation Exam 2	25%	No	End of session exam period
Written Examination	45%	No	End of session exam period

Name	Weighting	Hurdle	Due
<u>Mastery of clinical skills</u>	5%	No	Friday 9th June

Clinical Simulation Exam 1

Due: **5th or 7th April**

Weighting: **25%**

Students will perform a practical examination which involves assessment and treatment of another student simulating a person with a neurological condition.

On successful completion you will be able to:

- Describe common disorders of the cardiorespiratory and neurological systems and understand the principles of medical and physiotherapy treatment of these conditions.
- Describe the role of other health professionals in the treatment of individuals with cardiorespiratory and/or neurological conditions.
- Plan and conduct an assessment of people with cardiorespiratory and neurological disorders including a comprehensive history and physical examination.
- Analyse assessment findings to form a diagnosis and a prioritised list of problems in impairments, activity limitations and participation restrictions.
- Demonstrate competency in communicating with people with cardiorespiratory and neurological disorders 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 physiotherapy treatments for cardiorespiratory and neurological disorders 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

Clinical Simulation Exam 2

Due: **End of session exam period**

Weighting: **25%**

Students will perform a practical examination which involves assessment and treatment of another student simulating a person with a cardiorespiratory condition.

On successful completion you will be able to:

- Describe common disorders of the cardiorespiratory and neurological systems and understand the principles of medical and physiotherapy treatment of these conditions.
- Describe the role of other health professionals in the treatment of individuals with cardiorespiratory and/or neurological conditions.
- Plan and conduct an assessment of people with cardiorespiratory and neurological disorders including a comprehensive history and physical examination.
- Analyse assessment findings to form a diagnosis and a prioritised list of problems in impairments, activity limitations and participation restrictions.
- Demonstrate competency in communicating with people with cardiorespiratory and neurological disorders 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 physiotherapy treatments for cardiorespiratory and neurological disorders 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

Written Examination

Due: **End of session exam period**

Weighting: **45%**

Final written examination covering all content from this unit. 22.5% of the exam will be devoted to cardiorespiratory physiotherapy and 22.5% to neurological physiotherapy.

On successful completion you will be able to:

- Describe common disorders of the cardiorespiratory and neurological systems and understand the principles of medical and physiotherapy treatment of these conditions.
- Describe the role of other health professionals in the treatment of individuals with cardiorespiratory and/or neurological conditions.
- Plan and conduct an assessment of people with cardiorespiratory and neurological disorders including a comprehensive history and physical examination.
- Analyse assessment findings to form a diagnosis and a prioritised list of problems in

impairments, activity limitations and participation restrictions.

- Demonstrate competency in communicating with people with cardiorespiratory and neurological disorders 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 physiotherapy treatments for cardiorespiratory and neurological disorders 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.

Mastery of clinical skills

Due: **Friday 9th June**

Weighting: **5%**

Students will be required to attempt mastery of 10 specified key clinical skills (5 neurological physiotherapy and 5 cardiorespiratory physiotherapy skills). Students will be responsible for ensuring that their tutor assesses their competence on 9 of the skills during the semester. When students demonstrate competency in a skill the tutor will sign their mastery registry using PebblePocket. One of the mastery skills will be assessed by completion of an independent learning module and the upload of a video demonstrating the students performance of the skill.

On successful completion you will be able to:

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

Delivery and Resources

Textbooks and Readings

The following texts are essential resources and available in the library reserve.

Recommendations about specific readings from these and other resources (such as research papers, books, websites and videos) will be listed on iLearn.

- Carr and Shepherd (2010) Neurological rehabilitation: Optimizing motor performance (2nd ed). Elsevier Health Sciences
- Main and Denehey (2016) Cardiorespiratory Physiotherapy: Adults and Paediatrics (5th

Edition). Elsevier Health Sciences

Technology and Equipment

Teaching rooms are equipped with state of art audio-visual and ICT equipment including iPads, 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 neurological and cardiorespiratory conditions. 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 consultations, please see iLearn site for information on staff availability for consultation.

Teaching and Learning Strategy

This unit will have 1 lecture and 2 tutorials per week. Lectures will provide foundation knowledge and also use large group demonstrations and discussion, enabling students to use tutorial time efficiently to develop technical clinical 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.

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/>.

iLearn

This unit's iLearn site will provide weekly resources for students, including:

- lecture notes
- tutorial worksheets
- preparation and consolidation material
- videos
- other teaching resources
- assessment details

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_2016.html

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

Complaint Management Procedure for Students and Members of the Public http://www.mq.edu.au/policy/docs/complaint_management/procedure.html

Disruption to Studies Policy (in effect until Dec 4th, 2017): http://www.mq.edu.au/policy/docs/disruption_studies/policy.html

Special Consideration Policy (in effect from Dec 4th, 2017): <https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policies/special-consideration>

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/

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.

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://www.mq.edu.au/about_us/

[offices_and_units/information_technology/help/](#).

When using the University's IT, you must adhere to the [Acceptable Use of IT Resources 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 outcomes

- Describe the role of other health professionals in the treatment of individuals with cardiorespiratory and/or neurological conditions.
- Plan and conduct an assessment of people with cardiorespiratory and neurological disorders including a comprehensive history and physical examination.
- Demonstrate competency in communicating with people with cardiorespiratory and neurological disorders 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 physiotherapy treatments for cardiorespiratory and neurological disorders 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.

Assessment tasks

- Clinical Simulation Exam 1
- Clinical Simulation Exam 2
- Written Examination
- Mastery of clinical skills

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 disorders of the cardiorespiratory and neurological systems and understand the principles of medical and physiotherapy treatment of these conditions.
- Describe the role of other health professionals in the treatment of individuals with cardiorespiratory and/or neurological conditions.
- Plan and conduct an assessment of people with cardiorespiratory and neurological disorders including a comprehensive history and physical examination.
- Analyse assessment findings to form a diagnosis and a prioritised list of problems in impairments, activity limitations and participation restrictions.
- Demonstrate competency in communicating with people with cardiorespiratory and neurological disorders 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 physiotherapy treatments for cardiorespiratory and neurological disorders 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

- Clinical Simulation Exam 1
- Clinical Simulation Exam 2
- Written Examination
- Mastery of clinical skills

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 disorders of the cardiorespiratory and neurological systems and understand the principles of medical and physiotherapy treatment of these conditions.
- Describe the role of other health professionals in the treatment of individuals with cardiorespiratory and/or neurological conditions.
- Plan and conduct an assessment of people with cardiorespiratory and neurological disorders including a comprehensive history and physical examination.
- Analyse assessment findings to form a diagnosis and a prioritised list of problems in impairments, activity limitations and participation restrictions.
- Demonstrate competency in communicating with people with cardiorespiratory and neurological disorders 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 physiotherapy treatments for cardiorespiratory and neurological disorders 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

- Clinical Simulation Exam 1
- Clinical Simulation Exam 2
- 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

- Plan and conduct an assessment of people with cardiorespiratory and neurological disorders including a comprehensive history and physical examination.

- Analyse assessment findings to form a diagnosis and a prioritised list of problems in impairments, activity limitations and participation restrictions.
- Demonstrate competency in communicating with people with cardiorespiratory and neurological disorders 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 physiotherapy treatments for cardiorespiratory and neurological disorders 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

- Clinical Simulation Exam 1
- Clinical Simulation Exam 2
- 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

- Describe the role of other health professionals in the treatment of individuals with cardiorespiratory and/or neurological conditions.
- Plan and conduct an assessment of people with cardiorespiratory and neurological disorders including a comprehensive history and physical examination.
- Demonstrate competency in communicating with people with cardiorespiratory and neurological disorders 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 physiotherapy treatments for cardiorespiratory and neurological

disorders 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

- Clinical Simulation Exam 1
- Clinical Simulation Exam 2
- Written Examination
- Mastery of clinical skills

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

- Describe the role of other health professionals in the treatment of individuals with cardiorespiratory and/or neurological conditions.
- Plan and conduct an assessment of people with cardiorespiratory and neurological disorders including a comprehensive history and physical examination.
- Demonstrate competency in communicating with people with cardiorespiratory and neurological disorders 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 physiotherapy treatments for cardiorespiratory and neurological disorders 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.

Assessment tasks

- Clinical Simulation Exam 1
- Clinical Simulation Exam 2
- Written Examination

Changes from Previous Offering

Two independent learning modules have been developed and will be included in the curriculum this semester.