



PHTY8204

Health and Wellbeing Across Lifespan A

Session 1, In person-scheduled-weekday, North Ryde 2023

Department of Health Sciences

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General Information

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Credit points

10

Prerequisites

(PHTY808 or PHTY8200) and (PHTY809 or PHTY8201) and (PHTY810 or PHTY8202) and (PHTY811 or PHTY8203)

Corequisites

Co-badged status

Unit description

This unit focuses on the delivery of physiotherapy services to promote and enhance health and wellbeing in paediatric populations. Within an integrated clinical component you will apply extended knowledge and skills to provide family and person centred care appropriate for infants, children and adolescents. You will also consider, and work within, contexts and settings specific to paediatric populations, such as the education sector and specialist healthcare settings.

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:

- ULO1:** Describe how biological processes during paediatric years impact on health and physiotherapy care. (Scientist and Scholar)
- ULO2:** Perform and analyse age and stage appropriate assessments of infants, children and adolescents with complex health conditions. (Clinical Practitioner)
- ULO3:** Develop, implement and evaluate safe and effective physiotherapy management strategies appropriate for an infant, child or adolescent that considers the individual's goals and preferences, as well as their family, social and cultural context, to optimise and enhance health and wellbeing across the lifespan. (Clinical Practitioner)
- ULO4:** Communicate effectively with infants, children, adolescents as well as their family/carers and other professionals, including teachers, to provide information about the individual's health status and to support optimal participation in age and stage appropriate activities. (Clinical Practitioner)
- ULO5:** Apply legal and ethical principles within professional practice to ensure the privacy, autonomy and safety of all children, whilst optimising health and wellbeing. (Professional)

General Assessment Information

Grade descriptors and other information concerning grading are contained in the [Macquarie University Assessment Policy](#).

All final grades are determined by a grading committee, in accordance with the Macquarie University Assessment Policy, and are not the sole responsibility of the Unit Convenor.

Students will be awarded a final grade and a mark which must correspond to the grade descriptors specified in the [Assessment Procedure](#) (clause 128).

To pass this unit, you must demonstrate sufficient evidence of achievement of the learning outcomes, meet any ungraded requirements, and achieve a final mark of 50 or better.

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

Grading of Assessments

You will receive a grade for each assessment within this unit. The grades awarded will reflect a holistic evaluation of the work against the criteria outlined within the corresponding assessment rubric. Course grading will be used for the HAWC assignment and Viva examination with the

calculation of numerical marks for these assessment tasks based on the following percentages, and rounded to the nearest full mark:

- High distinction (HD) – 95%
- Distinction (D) – 80%
- Credit (C) – 70%
- Pass (P) – 60%
- Pass threshold (P-) – 50%
- Fail (F) – 40%

Submission of an incomplete assessment task may result in the Fail (F) grade to be awarded a numerical grade below 40%.

Hurdle Assessment

Assessment task 4, the Clinical Placement Logbook, is a hurdle assessment. A hurdle assessment is defined as an assessment task mandating a minimum level of performance as a condition of passing the unit in which it occurs. You must obtain a pass grade in this assessment as a minimum requirement for passing the unit. Should you fail to obtain a pass grade upon your initial attempt, one supplementary opportunity will be provided to demonstrate that you meet the minimum requirements for this assessment. This supplementary opportunity may be in the form of additional time to complete the task. Should you still not meet a pass standard a Fail (Hurdle) grade will be awarded, as indicated by a FH grade upon your transcript.

Late Submissions

Unless a Special Consideration request has been submitted and approved, a 5% penalty (OF THE TOTAL POSSIBLE MARK) will be applied each day a written assessment is not submitted, up until the 7th day (including weekends). After the 7th day, a grade of '0' will be awarded even if the assessment is submitted. Submission time for all written assessments is set at 11.55pm. A 1-hour grace period is provided to students who experience a technical concern.

For example:

Number of days (hours) late	Total Possible Marks	Deduction	Raw mark	Final mark
1 day (1-24 hours)	100	5	75	70
2 days (24-48 hours)	100	10	75	65
3 days (48-72 hours)	100	15	75	60
7 days (144-168 hours)	100	35	75	40
>7 days (>168 hours)	100	-	75	0

For any late submissions of time-sensitive tasks, such as scheduled tests/exams, performance assessments/presentations, and/or scheduled practical assessments/labs, students need to submit an application for Special Consideration.

Assessment Tasks

Name	Weighting	Hurdle	Due
Objective Structured Clinical Examination (OSCE)	30%	No	Week 8
Viva examination	30%	No	Week 13
HAWC assignment	40%	No	Week 14
Clinical placement logbook	0%	Yes	Week 14

Objective Structured Clinical Examination (OSCE)

Assessment Type ¹: Clinical performance evaluation

Indicative Time on Task ²: 20 hours

Due: **Week 8**

Weighting: **30%**

This assessment will test your understanding of content delivered during online modules and tutorials through the application of skills and knowledge across a number of tasks.

On successful completion you will be able to:

- Describe how biological processes during paediatric years impact on health and physiotherapy care. (Scientist and Scholar)
- Perform and analyse age and stage appropriate assessments of infants, children and adolescents with complex health conditions. (Clinical Practitioner)
- Develop, implement and evaluate safe and effective physiotherapy management strategies appropriate for an infant, child or adolescent that considers the individual's goals and preferences, as well as their family, social and cultural context, to optimise and enhance health and wellbeing across the lifespan. (Clinical Practitioner)
- Communicate effectively with infants, children, adolescents as well as their family/carers and other professionals, including teachers, to provide information about the individual's health status and to support optimal participation in age and stage appropriate activities. (Clinical Practitioner)
- Apply legal and ethical principles within professional practice to ensure the privacy,

autonomy and safety of all children, whilst optimising health and wellbeing.

(Professional)

Viva examination

Assessment Type ¹: Viva/oral examination

Indicative Time on Task ²: 20 hours

Due: **Week 13**

Weighting: **30%**

You will be required to describe and justify evidence based assessment and treatment choices using advanced clinical reasoning related to a complex case during a viva examination. This exam will test your understanding of content covered during lectures and tutorials.

On successful completion you will be able to:

- Describe how biological processes during paediatric years impact on health and physiotherapy care. (Scientist and Scholar)
- Perform and analyse age and stage appropriate assessments of infants, children and adolescents with complex health conditions. (Clinical Practitioner)
- Develop, implement and evaluate safe and effective physiotherapy management strategies appropriate for an infant, child or adolescent that considers the individual's goals and preferences, as well as their family, social and cultural context, to optimise and enhance health and wellbeing across the lifespan. (Clinical Practitioner)
- Communicate effectively with infants, children, adolescents as well as their family/carers and other professionals, including teachers, to provide information about the individual's health status and to support optimal participation in age and stage appropriate activities. (Clinical Practitioner)
- Apply legal and ethical principles within professional practice to ensure the privacy, autonomy and safety of all children, whilst optimising health and wellbeing. (Professional)

HAWC assignment

Assessment Type ¹: Clinical performance evaluation

Indicative Time on Task ²: 24 hours

Due: **Week 14**

Weighting: **40%**

You will submit a video and a report that will relate to the Placement component of this unit and your paediatric HAWC volunteer. Your video will be based on a task involving your paediatric HAWC. Your report will involve providing recommendations to a specified target audience.

On successful completion you will be able to:

- Describe how biological processes during paediatric years impact on health and physiotherapy care. (Scientist and Scholar)
- Perform and analyse age and stage appropriate assessments of infants, children and adolescents with complex health conditions. (Clinical Practitioner)
- Communicate effectively with infants, children, adolescents as well as their family/carers and other professionals, including teachers, to provide information about the individual's health status and to support optimal participation in age and stage appropriate activities. (Clinical Practitioner)
- Apply legal and ethical principles within professional practice to ensure the privacy, autonomy and safety of all children, whilst optimising health and wellbeing. (Professional)

Clinical placement logbook

Assessment Type ¹: Log book

Indicative Time on Task ²: 3 hours

Due: **Week 14**

Weighting: **0%**

This is a hurdle assessment task (see [assessment policy](#) for more information on hurdle assessment tasks)

You will submit a logbook of briefly describing your experiences and hours accrued during your integrated clinical placement.

On successful completion you will be able to:

- Develop, implement and evaluate safe and effective physiotherapy management strategies appropriate for an infant, child or adolescent that considers the individual's goals and preferences, as well as their family, social and cultural context, to optimise and enhance health and wellbeing across the lifespan. (Clinical Practitioner)
- Communicate effectively with infants, children, adolescents as well as their family/carers and other professionals, including teachers, to provide information about the individual's

health status and to support optimal participation in age and stage appropriate activities.
(Clinical Practitioner)

- Apply legal and ethical principles within professional practice to ensure the privacy, autonomy and safety of all children, whilst optimising health and wellbeing.

(Professional)

¹ If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
- the [Writing Centre](#) for academic skills support.

² Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

Delivery and Resources

Assumed Knowledge

This unit assumes that you have a good understanding of all content delivered in Semesters A-C. This unit draws on knowledge related to musculoskeletal, cardiorespiratory and neurological physiotherapy, and then extends that knowledge to cover specific paediatric populations.

Unit Organisation

This is a ten credit point unit run over a 13 week session. Overall, it is anticipated that you will spend approximately 150 hours across the session on this unit. Within this session there will be approximately 24 hours of campus-based tutorials/workshops/seminars, 20 hours of clinical placement and 39 hours of online activities, including preparation for campus-based tutorials/workshops. You will also need to allow approximately 67 hours for assessment based work.

The clinical placement hours will involve you participating in the Health and Well-being Collaboration (HAWC) clinical program where you will follow the health care experience of a paediatric volunteer from the community, and their family. This will enable you to gain a much deeper understanding of the paediatric health care system and of the interactions with other sectors or organisations distinct to the paediatric population, such as the education sector. The assessments in this unit involve integration of experience gained during the HAWC clinical program.

Teaching and Learning strategy

This unit encompasses an active learning approach where you will be expected to actively engage in enhancing your own learning experience. A blended learning and teaching strategy is implemented within this unit with online resources providing content and interactive activities such as lectures, quizzes and forums, which is further built upon in campus-based tutorials and workshops. The teaching approach will be based on you developing a deep understanding of the principles and the ability to independently think critically and solve problems. The expectation is

therefore that you can translate this knowledge to different scenarios eg. children with slightly different presentations, ages or family conditions.

Recommended Readings

The following textbook is recommended but not essential. An electronic copy of this textbook is available through the library.

Palisano, R. J., Campbell, S. K., & Orlin, M. (2014). Physical Therapy for Children. Philadelphia: Elsevier.

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

Technology Used

Active participation in the learning activities throughout the unit will require students to have access to a tablet, laptop or similar device. Students who do not own their own laptop computer may borrow one from the university library.

Consultation with staff

All staff will be available for individual consultation. See iLearn for contact details.

Unit Schedule

Across the semester you will engage in the following modules:

- Typical development
- Kids are not little adults
- Birth and the early years
- Standardised assessments
- Normal variance
- Paediatric cardiorespiratory physiotherapy
- Paediatric neurological physiotherapy
- Paediatric musculoskeletal and orthopaedic physiotherapy
- Adolescent medicine

Detailed information pertaining to the unit schedule can be found on iLearn.

Policies and Procedures

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

- [Academic Appeals Policy](#)
- [Academic Integrity Policy](#)
- [Academic Progression Policy](#)

- [Assessment Policy](#)
- [Fitness to Practice Procedure](#)
- [Assessment Procedure](#)
- [Complaints Resolution Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#)

Students seeking more policy resources can visit [Student Policies](https://students.mq.edu.au/support/study/policies) (<https://students.mq.edu.au/support/study/policies>). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

To find other policies relating to Teaching and Learning, visit [Policy Central](https://policies.mq.edu.au) (<https://policies.mq.edu.au>) and use the [search tool](#).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/admin/other-resources/student-conduct>

Results

Results published on platform other than [eStudent](#), (eg. iLearn, Coursera etc.) 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 or if you are a Global MBA student contact globalmba.support@mq.edu.au

Academic Integrity

At Macquarie, we believe [academic integrity](#) – honesty, respect, trust, responsibility, fairness and courage – is at the core of learning, teaching and research. We recognise that meeting the expectations required to complete your assessments can be challenging. So, we offer you a range of resources and services to help you reach your potential, including free [online writing and maths support](#), [academic skills development](#) and [wellbeing consultations](#).

Student Support

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

The Writing Centre

[The Writing Centre](#) provides resources to develop your English language proficiency, academic writing, and communication skills.

- [Workshops](#)
- [Chat with a WriteWISE peer writing leader](#)
- [Access StudyWISE](#)
- [Upload an assignment to Studiosity](#)
- [Complete the Academic Integrity Module](#)

The Library provides online and face to face support to help you find and use relevant information resources.

- [Subject and Research Guides](#)
- [Ask a Librarian](#)

Student Services and Support

Macquarie University offers a range of [Student Support Services](#) including:

- [IT Support](#)
- [Accessibility and disability support](#) with study
- Mental health [support](#)
- [Safety support](#) to respond to bullying, harassment, sexual harassment and sexual assault
- [Social support including information about finances, tenancy and legal issues](#)
- [Student Advocacy](#) provides independent advice on MQ policies, procedures, and processes

Student Enquiries

Got a question? Ask us via [AskMQ](#), or contact [Service Connect](#).

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.

Inclusion and Diversity

Social inclusion at Macquarie University is about giving everyone who has the potential to benefit from higher education the opportunity to study at university, participate in campus life and flourish in their chosen field. The University has made significant moves to promote an equitable, diverse and exciting campus community for the benefit of staff and students. It is your responsibility to contribute towards the development of an inclusive culture and practice in the areas of learning and teaching, research, and service orientation and delivery. As a member of the Macquarie University community, you must not discriminate against or harass others based on their sex, gender, race, marital status, carers' responsibilities, disability, sexual orientation, age, political conviction or religious belief. All staff and students are expected to display appropriate behaviour that is conducive to a healthy learning environment for everyone.

Professionalism

In the Faculty of Medicine, Health and Human Sciences, professionalism is a key capability

embedded in all our courses.

As part of developing professionalism, students are expected to attend all small group interactive sessions including clinical, practical, laboratory, work-integrated learning (e.g., PACE placements), and team-based learning activities. Some learning activities are recorded (e.g., face-to-face lectures), however you are encouraged to avoid relying upon such material as they do not recreate the whole learning experience and technical issues can and do occur. As an adult learner, we respect your decision to choose how you engage with your learning, but we would remind you that the learning opportunities we create for you have been done so to enable your success, and that by not engaging you may impact your ability to successfully complete this unit. We equally expect that you show respect for the academic staff who have worked hard to develop meaningful activities and prioritise your learning by communicating with them in advance if you are unable to attend a small group interactive session.

Another dimension of professionalism is having respect for your peers. It is the right of every student to learn in an environment that is free of disruption and distraction. Please arrive to all learning activities on time, and if you are unavoidably detained, please join activity as quietly as possible to minimise disruption. Phones and other electronic devices that produce noise and other distractions must be turned off prior to entering class. Where your own device (e.g., laptop) is being used for class-related activities, you are asked to close down all other applications to avoid distraction to you and others. Please treat your fellow students with the utmost respect. If you are uncomfortable participating in any specific activity, please let the relevant academic know.