



CHIR3610

Foundations of Clinical Practice

Session 2, Weekday attendance, North Ryde 2020

Department of Chiropractic

Contents

<u>General Information</u>	2
<u>Learning Outcomes</u>	2
<u>Assessment Tasks</u>	3
<u>Delivery and Resources</u>	9
<u>Policies and Procedures</u>	9
<u>Changes since First Published</u>	11

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Notice

As part of [Phase 3 of our return to campus plan](#), most units will now run tutorials, seminars and other small group learning activities on campus for the second half-year, while keeping an online version available for those students unable to return or those who choose to continue their studies online.

To check the availability of face-to-face and online activities for your unit, please go to [timetable viewer](#). To check detailed information on unit assessments visit your unit's iLearn space or consult your unit convenor.

General Information

Unit convenor and teaching staff

Christopher Burrell

christopher.burrell@mq.edu.au

Credit points

10

Prerequisites

(CHIR315 or CHIR3105) and (HLTH316 or HLTH3302)

Corequisites

(CHIR316 or CHIR3106) and (HLTH317 or HLTH3303)

Co-badged status

Unit description

This PACE unit provides the student with foundations relevant for clinical practice. Students will be introduced to components of chiropractic clinical practice including: practice management, clinical information gathering and assessment (including history-taking and diagnostic imaging) and differential diagnosis. Further exploration of the relationship between health and disease will occur through the development of clinical problem solving skills crucial for chiropractors. An emphasis will be placed on the assessment of musculoskeletal conditions relevant to chiropractic practice and the recognition of conditions outside the scope of chiropractic care. The community engagement and practical components of this PACE unit will occur in the Macquarie University Chiropractic Clinics. Students will experience elements of clinical information gathering, patient-practitioner and inter-practitioner interactions and the management of a modern chiropractic facility.

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: Demonstrate a capacity to describe the principles and purpose of the diagnostic process based on real world experience

ULO2: Demonstrate practical knowledge on how to formulate a differential diagnosis, based on history, examination and investigation findings through professional and

community engagement with Macquarie University's Chiropractic Clinics.

ULO3: As part of a professional clinical setting, demonstrate skills in systematically critiquing and assessing radiographic images of the spine and extremities and be able to identify normal radiographic anatomy.

ULO4: Through practical experience, demonstrate an understanding of clinical skills including history taking, the use of outcome measures and the utilisation of radiographic software.

ULO5: Through practical experience, demonstrate awareness of the elements of chiropractic practice management and competently perform relevant management duties.

ULO6: Through practical experience, demonstrate an understanding of the inter-professional nature of health care, the scope of chiropractic care and the role of referral.

ULO7: Demonstrate an awareness of musculoskeletal and non-musculoskeletal conditions that most commonly present to chiropractic clinics.

Assessment Tasks

Name	Weighting	Hurdle	Due
Online Radiology Workbook	0%	Yes	Ongoing
Mid-Session Exam	20%	No	Week 8
Online quizzes	10%	No	Weeks 4, 6, 9, 11, 13
End-Session Exam	50%	No	University Examination Period
PACE Report	15%	No	Week 10
PACE Reflective Journal	5%	No	Weekly
PACE Chiropractic Clinic shift	0%	Yes	Ongoing

Online Radiology Workbook

Assessment Type ¹: Practice-based task

Indicative Time on Task ²: 5 hours

Due: **Ongoing**

Weighting: **0%**

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

The radiology workbook includes weekly tasks (starting week 1) to complement your learning. This includes home activities, activities within tutorials and within clinic shifts. Each week's tasks are to be completed by Sunday at 11pm, when formative feedback will be provided. Activities in the workbook will be marked, and an overall passing grade (50% or higher) will be required to meet the hurdle component of this assessment.

On successful completion you will be able to:

- Demonstrate a capacity to describe the principles and purpose of the diagnostic process based on real world experience
- Demonstrate practical knowledge on how to formulate a differential diagnosis, based on history, examination and investigation findings through professional and community engagement with Macquarie University's Chiropractic Clinics.
- As part of a professional clinical setting, demonstrate skills in systematically critiquing and assessing radiographic images of the spine and extremities and be able to identify normal radiographic anatomy.
- Through practical experience, demonstrate an understanding of clinical skills including history taking, the use of outcome measures and the utilisation of radiographic software.
- Through practical experience, demonstrate an understanding of the inter-professional nature of health care, the scope of chiropractic care and the role of referral.
- Demonstrate an awareness of musculoskeletal and non-musculoskeletal conditions that most commonly present to chiropractic clinics.

Mid-Session Exam

Assessment Type ¹: Examination

Indicative Time on Task ²: 10 hours

Due: **Week 8**

Weighting: **20%**

Mid-Session examination on materials Week 1-7.

On successful completion you will be able to:

- Demonstrate a capacity to describe the principles and purpose of the diagnostic process based on real world experience
- Demonstrate practical knowledge on how to formulate a differential diagnosis, based on history, examination and investigation findings through professional and community

engagement with Macquarie University's Chiropractic Clinics.

- As part of a professional clinical setting, demonstrate skills in systematically critiquing and assessing radiographic images of the spine and extremities and be able to identify normal radiographic anatomy.
- Through practical experience, demonstrate an understanding of clinical skills including history taking, the use of outcome measures and the utilisation of radiographic software.
- Through practical experience, demonstrate an understanding of the inter-professional nature of health care, the scope of chiropractic care and the role of referral.
- Demonstrate an awareness of musculoskeletal and non-musculoskeletal conditions that most commonly present to chiropractic clinics.

Online quizzes

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 4 hours

Due: **Weeks 4, 6, 9, 11, 13**

Weighting: **10%**

5 online quizzes worth 2% each. The quizzes will include questions on both your understanding of conditions that commonly present to chiropractic clinics AND radiology.

On successful completion you will be able to:

- Demonstrate a capacity to describe the principles and purpose of the diagnostic process based on real world experience
- Demonstrate practical knowledge on how to formulate a differential diagnosis, based on history, examination and investigation findings through professional and community engagement with Macquarie University's Chiropractic Clinics.
- As part of a professional clinical setting, demonstrate skills in systematically critiquing and assessing radiographic images of the spine and extremities and be able to identify normal radiographic anatomy.
- Through practical experience, demonstrate an understanding of clinical skills including history taking, the use of outcome measures and the utilisation of radiographic software.
- Through practical experience, demonstrate an understanding of the inter-professional nature of health care, the scope of chiropractic care and the role of referral.
- Demonstrate an awareness of musculoskeletal and non-musculoskeletal conditions that most commonly present to chiropractic clinics.

End-Session Exam

Assessment Type ¹: Examination

Indicative Time on Task ²: 25 hours

Due: **University Examination Period**

Weighting: **50%**

End of session examination on materials Week 1-13.

On successful completion you will be able to:

- Demonstrate a capacity to describe the principles and purpose of the diagnostic process based on real world experience
- Demonstrate practical knowledge on how to formulate a differential diagnosis, based on history, examination and investigation findings through professional and community engagement with Macquarie University's Chiropractic Clinics.
- As part of a professional clinical setting, demonstrate skills in systematically critiquing and assessing radiographic images of the spine and extremities and be able to identify normal radiographic anatomy.
- Through practical experience, demonstrate an understanding of clinical skills including history taking, the use of outcome measures and the utilisation of radiographic software.
- Through practical experience, demonstrate awareness of the elements of chiropractic practice management and competently perform relevant management duties.
- Through practical experience, demonstrate an understanding of the inter-professional nature of health care, the scope of chiropractic care and the role of referral.
- Demonstrate an awareness of musculoskeletal and non-musculoskeletal conditions that most commonly present to chiropractic clinics.

PACE Report

Assessment Type ¹: Report

Indicative Time on Task ²: 10 hours

Due: **Week 10**

Weighting: **15%**

Written assignment which asks students to research and report on a condition that may masquerade as back pain and present to a chiropractor in the first instance. This report will encourage students to appreciate the importance of differential diagnosis in chiropractic practice

and the vital role of referral to appropriate healthcare providers and services.

On successful completion you will be able to:

- Demonstrate a capacity to describe the principles and purpose of the diagnostic process based on real world experience
- Demonstrate practical knowledge on how to formulate a differential diagnosis, based on history, examination and investigation findings through professional and community engagement with Macquarie University's Chiropractic Clinics.
- Through practical experience, demonstrate an understanding of clinical skills including history taking, the use of outcome measures and the utilisation of radiographic software.
- Through practical experience, demonstrate an understanding of the inter-professional nature of health care, the scope of chiropractic care and the role of referral.
- Demonstrate an awareness of musculoskeletal and non-musculoskeletal conditions that most commonly present to chiropractic clinics.

PACE Reflective Journal

Assessment Type ¹: Reflective Writing

Indicative Time on Task ²: 6 hours

Due: **Weekly**

Weighting: **5%**

Students are required to make at least 11 entries in an online reflective journal about their PACE experience.

On successful completion you will be able to:

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- Demonstrate practical knowledge on how to formulate a differential diagnosis, based on history, examination and investigation findings through professional and community engagement with Macquarie University's Chiropractic Clinics.
- As part of a professional clinical setting, demonstrate skills in systematically critiquing and assessing radiographic images of the spine and extremities and be able to identify normal radiographic anatomy.
- Through practical experience, demonstrate an understanding of clinical skills including

history taking, the use of outcome measures and the utilisation of radiographic software.

- Through practical experience, demonstrate awareness of the elements of chiropractic practice management and competently perform relevant management duties.
- Through practical experience, demonstrate an understanding of the inter-professional nature of health care, the scope of chiropractic care and the role of referral.
- Demonstrate an awareness of musculoskeletal and non-musculoskeletal conditions that most commonly present to chiropractic clinics.

PACE Chiropractic Clinic shift

Assessment Type ¹: Work-integrated task

Indicative Time on Task ²: 44 hours

Due: **Ongoing**

Weighting: **0%**

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

PACE students will attend 11 PACE Chiropractic Clinic shifts throughout the session. Students will interact with Chiropractic Clinic shift supervisors and final-year chiropractic student interns. PACE students will engage with final-year chiropractic student interns through interviews for the written report assignment and reviewing radiographic norms. PACE students will engage with the community through being involved with the development of rehabilitation plans for patients and observing the delivery of these plans by the final-year chiropractic student interns.

On successful completion you will be able to:

- Demonstrate a capacity to describe the principles and purpose of the diagnostic process based on real world experience
- Demonstrate practical knowledge on how to formulate a differential diagnosis, based on history, examination and investigation findings through professional and community engagement with Macquarie University's Chiropractic Clinics.
- As part of a professional clinical setting, demonstrate skills in systematically critiquing and assessing radiographic images of the spine and extremities and be able to identify normal radiographic anatomy.
- Through practical experience, demonstrate an understanding of clinical skills including history taking, the use of outcome measures and the utilisation of radiographic software.
- Through practical experience, demonstrate awareness of the elements of chiropractic practice management and competently perform relevant management duties.

- Through practical experience, demonstrate an understanding of the inter-professional nature of health care, the scope of chiropractic care and the role of referral.
- Demonstrate an awareness of musculoskeletal and non-musculoskeletal conditions that most commonly present to chiropractic clinics.

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

Delivery and Resources

FOUNDATIONS OF CLINICAL PRACTICE LECTURES

Lecture - See iLearn for details

Tutorial - 1 2-hour tutorial per week (starting week 2), see iLearn for details

COMPULSORY - PACE clinic shifts. You will attend your designated PACE clinic shift ONLINE and interact with final year students and the community at one of the 3 University Teaching Clinics for 11 sessions.

RADIOLOGY LECTURES

The radiology lectures will be provided through online videos and powerpoint presentations available through iLearn. It is important that you watch these before attempting the workbook or attending tutorials.

The radiology workbook will be accessed through iLearn and is intended to form a resource for normal radiographic anatomy to reference in CHIR3610 and in radiology units in the Master of Chiropractic.

Access to radiographic images will also be provided through your clinic shifts and through the radiographic library, links to which will be provided on iLearn.

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central>). 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](#)
- [Grade Appeal Policy](#)
- [Complaint Management Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#) (**Note:** *The Special Consideration Policy is effective from 4 December 2017 and replaces the Disruption to Studies Policy.*)

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

If you would like to see all the policies relevant to Learning and Teaching visit [Policy Central](http://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<http://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/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/study/getting-started/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

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 help you improve your marks and take control of your study.

- [Getting help with your assignment](#)
- [Workshops](#)
- [StudyWise](#)
- [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

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

If you are a Global MBA student contact globalmba.support@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.

Changes since First Published

Date	Description
26/07/2020	Changed CHIR322(old code) to CHIR3610(new code)