



# CHIR8101

## Clinical Chiropractic 1

Session 1, In person-scheduled-weekday, North Ryde 2024

*Department of Chiropractic*

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# General Information

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Credit points

10

Prerequisites

Admission to MChiroprac and (CHIR3106 or CHIR316) or ((CHIR6110 or CHIR602) and (CHIR6111 or CHIR603))

Corequisites

Co-badged status

### Unit description

This unit provides you with a thorough coverage of manual therapy techniques including spinal and extremity joint manipulative procedures. You will further develop physical assessment procedures such as static and motion palpation from previous units. In the unit, you will focus on Diversified chiropractic techniques applied to the spine and extremities. By the completion of this unit, you will be well-grounded in a range of spinal and extremity manipulative techniques. Evidence-based practice (EBP) and clinical chiropractic application will be developed in this unit.

## 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:** Perform clinical assessment of the musculoskeletal system to identify indications and contraindications for manual therapy, including manipulation and mobilisation of the spine and extremities.
- ULO2:** Perform manual therapy techniques, including manipulation and mobilisation of the spine and extremities, using a patient-centered approach to care.
- ULO3:** Demonstrate and discuss appropriate application of and modifications to manual therapy techniques in relation to different patient and case presentations.
- ULO4:** Apply knowledge of biomechanics, pathomechanics, and pathophysiology in a clinical context to inform patient management within an evidenced-based framework.
- ULO5:** Communicate clinical assessment findings and clinical management to a range of audiences within an evidence-based framework.

## 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 127-8).

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.

## 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
<a href="#"><u>iLearn Quiz 1</u></a>	5%	No	Week 7, 7 April 11:55pm
<a href="#"><u>Feedback on Chiropractic Application 1 (FoCA)</u></a>	10%	No	Week 8 (during tutorial time)
<a href="#"><u>iLearn Quiz 2</u></a>	5%	No	Week 12, 26 May 11:55pm
<a href="#"><u>Objective Structured Clinical Exam (OSCE)</u></a>	40%	Yes	Week 12
<a href="#"><u>End of semester written examination</u></a>	40%	No	During University Exam Period

## iLearn Quiz 1

Assessment Type <sup>1</sup>: Quiz/Test

Indicative Time on Task <sup>2</sup>: 3 hours

Due: **Week 7, 7 April 11:55pm**

Weighting: **5%**

Online quiz covering material from the first half of the unit

On successful completion you will be able to:

- Demonstrate and discuss appropriate application of and modifications to manual therapy techniques in relation to different patient and case presentations.
- Apply knowledge of biomechanics, pathomechanics, and pathophysiology in a clinical context to inform patient management within an evidenced-based framework.
- Communicate clinical assessment findings and clinical management to a range of audiences within an evidence-based framework.

## Feedback on Chiropractic Application 1 (FoCA)

Assessment Type <sup>1</sup>: Clinical performance evaluation

Indicative Time on Task <sup>2</sup>: 4 hours

Due: **Week 8 (during tutorial time)**

Weighting: **10%**

Feedback on Chiropractic Application (FoCA): You will perform a chiropractic practical exam within normal tutorial time. Immediately afterward (i.e. during the same class), you will be given feedback on your performance. The layout of the exam will help prepare you for the OSCE.

On successful completion you will be able to:

- Perform clinical assessment of the musculoskeletal system to identify indications and contraindications for manual therapy, including manipulation and mobilisation of the spine and extremities.
- Perform manual therapy techniques, including manipulation and mobilisation of the spine and extremities, using a patient-centered approach to care.
- Demonstrate and discuss appropriate application of and modifications to manual therapy techniques in relation to different patient and case presentations.

## iLearn Quiz 2

Assessment Type <sup>1</sup>: Quiz/Test

Indicative Time on Task <sup>2</sup>: 3 hours

Due: **Week 12, 26 May 11:55pm**

Weighting: **5%**

Online quiz covering material from the second half of the unit

On successful completion you will be able to:

- Demonstrate and discuss appropriate application of and modifications to manual therapy techniques in relation to different patient and case presentations.
- Apply knowledge of biomechanics, pathomechanics, and pathophysiology in a clinical context to inform patient management within an evidenced-based framework.
- Communicate clinical assessment findings and clinical management to a range of audiences within an evidence-based framework.

## Objective Structured Clinical Exam (OSCE)

Assessment Type <sup>1</sup>: Clinical performance evaluation

Indicative Time on Task <sup>2</sup>: 9 hours

Due: **Week 12**

Weighting: **40%**

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

Objective Structural Clinical Exam (OSCE): You will perform a practical exam over a number of stations during the end of semester practical examination period

On successful completion you will be able to:

- Perform clinical assessment of the musculoskeletal system to identify indications and contraindications for manual therapy, including manipulation and mobilisation of the spine and extremities.
- Perform manual therapy techniques, including manipulation and mobilisation of the spine and extremities, using a patient-centered approach to care.
- Demonstrate and discuss appropriate application of and modifications to manual therapy



techniques in relation to different patient and case presentations.

## End of semester written examination

Assessment Type <sup>1</sup>: Examination

Indicative Time on Task <sup>2</sup>: 10 hours

Due: **During University Exam Period**

Weighting: **40%**

The end of semester written exam will assess all the material covered in the unit.

On successful completion you will be able to:

- Demonstrate and discuss appropriate application of and modifications to manual therapy techniques in relation to different patient and case presentations.
- Apply knowledge of biomechanics, pathomechanics, and pathophysiology in a clinical context to inform patient management within an evidenced-based framework.
- Communicate clinical assessment findings and clinical management to a range of audiences within an evidence-based framework.

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<sup>1</sup> 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.

<sup>2</sup> 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

As a student enrolled in this unit, you will engage in a range of learning activities, including readings, online modules, videos, face-to-face technique tutorials, and lectures]. Details can be found on the iLearn site for this unit.

### Classes

- The timetable for classes can be found on the University website at:  
<http://www.timetables.mq.edu.au/>
- As this is a technique unit it is vital to maintain student:tutor ratios. You **MUST** attend your allocated tutorial time.

- **Tutorials begin on Monday of Week 2.**
- Tutorial attendance/participation is necessary to fulfill the learning objectives of this unit. 80% attendance is the minimum acceptable standard to ensure safe participation in practical assessments.
- 3 x 100-minute tutorials per week (2-hour time slot, minus time for lab cleaning and class changeover) Monday, Tuesday & Thursday.
- 2 x 1-hour lectures per week in a mix of pre-recorded lectures and live lectures delivered in the theatre.

## Unit Schedule

See iLearn page for detailed unit schedule

## 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](http://ask.mq.edu.au) or if you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto: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/](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 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 at all learning activities on time, and if you are unavoidably detained, please join the activity as quietly as possible to minimise disruption. Phones and other electronic devices that produce noise and other distractions must be turned off before 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.

## Changes since First Published

Date	Description
12/02/2024	Added professionalism and diversity and inclusion sections

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Unit information based on version 2024.02 of the [Handbook](#)