



CHIR8104

Clinical Chiropractic 4

Session 2, In person-scheduled-weekday, North Ryde 2023

Department of Chiropractic

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General Information

Unit convenor and teaching staff Benjamin Brown benjamin.brown@mq.edu.au
Credit points 10
Prerequisites CHIR8103 or CHIR903
Corequisites
Co-badged status
Unit description In this unit you will further develop your manual technique skill development and be introduced to a broader range of techniques commonly used in the management of patients who attend a chiropractic clinic. You will further develop competency in the assessment and management of a wide range of sports injuries in the chiropractic setting in Australia. An evidenced based, multidisciplinary team-based approach will be emphasized 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 spinal adjustments and/or mobilisations with the appropriate psychomotor skills associated with these procedures i.e. tactile/palpatory skills and hand/body/eye co-ordination of practitioner movements.
- ULO2:** Control these procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.
- ULO3:** Perform static and motion palpation competently on all joints in the body.
- ULO4:** Apply knowledge of spinal joint mechanics to clinical scenarios, both theoretical and practical.
- ULO5:** Demonstrate a thorough knowledge of the clinical anatomy & biomechanics of all joints of the body, and be able to assess for and apply appropriate interventions for

common musculoskeletal conditions.

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.

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.

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

Assessment Tasks

Name	Weighting	Hurdle	Due
<u>Advanced Manipulative Technique I - OSCE</u>	20%	No	24/10/2023
<u>Advanced Manipulative Technique II - OSCE</u>	20%	No	31/10/2023
<u>Clinical Case Study</u>	20%	No	23/8/2023
<u>Final Written Examination</u>	35%	No	Examination Period
<u>Advanced Manipulative Technique II - Preliminary Skills Spot Test</u>	5%	No	5/9/2023

Advanced Manipulative Technique I - OSCE

Assessment Type ¹: Clinical performance evaluation

Indicative Time on Task ²: 15 hours

Due: **24/10/2023**

Weighting: **20%**

Students will demonstrate their ability to apply their understanding of the theory and psychomotor skills associated with an advanced chiropractic technique to a complex clinical scenario.

On successful completion you will be able to:

- Perform spinal adjustments and/or mobilisations with the appropriate psychomotor skills associated with these procedures i.e. tactile/palpatory skills and hand/body/eye co-ordination of practitioner movements.
- Control these procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.
- Perform static and motion palpation competently on all joints in the body.
- Apply knowledge of spinal joint mechanics to clinical scenarios, both theoretical and practical.
- Demonstrate a thorough knowledge of the clinical anatomy & biomechanics of all joints of the body, and be able to assess for and apply appropriate interventions for common musculoskeletal conditions.

Advanced Manipulative Technique II - OSCE

Assessment Type ¹: Clinical performance evaluation

Indicative Time on Task ²: 15 hours

Due: **31/10/2023**

Weighting: **20%**

Students will demonstrate their ability to apply their understanding of the theory, equipment and psychomotor skills associated with an advanced chiropractic technique to a complex clinical scenario.

On successful completion you will be able to:

- Perform spinal adjustments and/or mobilisations with the appropriate psychomotor skills associated with these procedures i.e. tactile/palpatory skills and hand/body/eye co-ordination of practitioner movements.
- Control these procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.
- Perform static and motion palpation competently on all joints in the body.
- Apply knowledge of spinal joint mechanics to clinical scenarios, both theoretical and practical.
- Demonstrate a thorough knowledge of the clinical anatomy & biomechanics of all joints of the body, and be able to assess for and apply appropriate interventions for common musculoskeletal conditions.

Clinical Case Study

Assessment Type ¹: Case study/analysis

Indicative Time on Task ²: 10 hours

Due: **23/8/2023**

Weighting: **20%**

Written case report designed to help students to understand and contextualise the role of spinal manipulative therapy in primary care settings.

On successful completion you will be able to:

- Perform spinal adjustments and/or mobilisations with the appropriate psychomotor skills

associated with these procedures i.e. tactile/palpatory skills and hand/body/eye co-ordination of practitioner movements.

- Control these procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.
- Perform static and motion palpation competently on all joints in the body.
- Apply knowledge of spinal joint mechanics to clinical scenarios, both theoretical and practical.
- Demonstrate a thorough knowledge of the clinical anatomy & biomechanics of all joints of the body, and be able to assess for and apply appropriate interventions for common musculoskeletal conditions.

Final Written Examination

Assessment Type ¹: Examination

Indicative Time on Task ²: 30 hours

Due: **Examination Period**

Weighting: **35%**

Written theory examination designed to test a student's grasp of, and ability to apply the higher level theoretical concepts presented in the various aspects of the unit to theoretical clinical situations.

On successful completion you will be able to:

- Apply knowledge of spinal joint mechanics to clinical scenarios, both theoretical and practical.
- Demonstrate a thorough knowledge of the clinical anatomy & biomechanics of all joints of the body, and be able to assess for and apply appropriate interventions for common musculoskeletal conditions.

Advanced Manipulative Technique II - Preliminary Skills Spot Test

Assessment Type ¹: Clinical performance evaluation

Indicative Time on Task ²: 10 hours

Due: **5/9/2023**

Weighting: **5%**

Students will demonstrate their ability to apply their understanding of the theory and psychomotor skills associated with an advanced chiropractic technique to a basic clinical scenario.

On successful completion you will be able to:

- Perform spinal adjustments and/or mobilisations with the appropriate psychomotor skills associated with these procedures i.e. tactile/palpatory skills and hand/body/eye co-ordination of practitioner movements.
- Control these procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.
- Perform static and motion palpation competently on all joints in the body.
- Apply knowledge of spinal joint mechanics to clinical scenarios, both theoretical and practical.
- Demonstrate a thorough knowledge of the clinical anatomy & biomechanics of all joints of the body, and be able to assess for and apply appropriate interventions for common musculoskeletal conditions.

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

As a student enrolled in this unit, you will engage in a range of online and face-to-face learning activities, including online modules, online discussion groups, and advanced spinal manipulative skills tutorials. Details can be found on the iLearn site for this unit.

Recommended Readings

Spinal Adjusting Technique: The Chiropractic Art by Scott Philipson & Stephen Esposito

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.

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.