



# CHIR8103

## Clinical Chiropractic 3

Session 1, Weekday attendance, North Ryde 2021

*Department of Chiropractic*

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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 activities on campus, and most will keep an online version available to those students unable to return or those who choose to continue their studies online.

To check the availability of face-to-face 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

Ben Brown

[benjamin.brown@mq.edu.au](mailto:benjamin.brown@mq.edu.au)

Credit points

10

Prerequisites

CHIR8102 or CHIR892

Corequisites

Co-badged status

Unit description

This unit has three aims:

1. The unit focuses on developing basic proficiency in Gonstead manual techniques and further developing proficiency in Diversified manual techniques. It covers indications and contraindications to manipulation and includes the clinical applications of these techniques.
2. The unit introduces students to the theoretical aspects of ancillary physiological therapeutics: biophysical principles, indications and contra-indications for use, potential adverse events/harms associated. A multidisciplinary and evidence-based approach to functional restoration and pain management will be emphasized.
3. The unit provides an introduction to the assessment and management of musculoskeletal sports injuries within a chiropractic setting in Australia. Students will learn the basic principles of sports medicine and the regulatory framework within which sports injury management operates. A multidisciplinary team-based approach to the management of sports injuries will be emphasized.

## Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at <https://students.mq.edu.au/important-dates>

## Learning Outcomes

On successful completion of this unit, you will be able to:

**ULO1:** Perform spinal adjustments and mobilisations with the appropriate psychomotor

skills at a clinically safe and competent level.

**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:** Apply a thorough knowledge of the clinical anatomy, biomechanics, and patho-mechanics for all joints of the body in order to: a) Understand the biomechanical effects of an adjustment or mobilisation and the indications for their use; b) Perform postural analysis in relation to dysfunction; c) Perform the relevant orthopaedic testing, motion palpation, static palpation, indications and contraindication testing for each technique and methods of modification to suit special populations/conditions

**ULO4:** Select appropriate ancillary care in a clinical context.

**ULO5:** Construct and apply an appropriate consultation, examination and management of acute musculoskeletal peripheral joint injuries commonly encountered by practitioners in the field.

## Assessment Tasks

Name	Weighting	Hurdle	Due
<a href="#"><u>Video Technique Assignment 2</u></a>	5%	No	Week 5
<a href="#"><u>Diversified &amp; sports medicine clinical performance test</u></a>	20%	Yes	Week 11
<a href="#"><u>Video Technique Assignment 3</u></a>	5%	No	Week 8
<a href="#"><u>Final theory examination</u></a>	30%	No	University Exam Period
<a href="#"><u>Gonstead Spot Test</u></a>	10%	No	Week 6
<a href="#"><u>Gonstead practical assessment</u></a>	20%	Yes	Week 12
<a href="#"><u>Video Technique Assignment 4</u></a>	5%	No	Week 10
<a href="#"><u>Video Technique Assignment 1</u></a>	5%	No	Week 3

### Video Technique Assignment 2

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

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

Due: **Week 5**

Weighting: **5%**

Using video capture, students will critically reflect on their ability to perform chiropractic techniques.

On successful completion you will be able to:

- Perform spinal adjustments and mobilisations with the appropriate psychomotor skills at a clinically safe and competent level.
- Control these procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive
- Apply a thorough knowledge of the clinical anatomy, biomechanics, and patho-mechanics for all joints of the body in order to: a) Understand the biomechanical effects of an adjustment or mobilisation and the indications for their use; b) Perform postural analysis in relation to dysfunction; c) Perform the relevant orthopaedic testing, motion palpation, static palpation, indications and contraindication testing for each technique and methods of modification to suit special populations/conditions

## Diversified & sports medicine clinical performance test

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

Indicative Time on Task <sup>2</sup>: 15 hours

Due: **Week 11**

Weighting: **20%**

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

Students will demonstrate their ability to apply chiropractic techniques

On successful completion you will be able to:

- Perform spinal adjustments and mobilisations with the appropriate psychomotor skills at a clinically safe and competent level.
- Control these procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive
- Apply a thorough knowledge of the clinical anatomy, biomechanics, and patho-mechanics for all joints of the body in order to: a) Understand the biomechanical effects of an adjustment or mobilisation and the indications for their use; b) Perform postural analysis in relation to dysfunction; c) Perform the relevant orthopaedic testing, motion palpation, static palpation, indications and contraindication testing for each technique

and methods of modification to suit special populations/conditions

- Select appropriate ancillary care in a clinical context.
- Construct and apply an appropriate consultation, examination and management of acute musculoskeletal peripheral joint injuries commonly encountered by practitioners in the field.

## Video Technique Assignment 3

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

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

Due: **Week 8**

Weighting: **5%**

Using video capture, students will critically reflect on their ability to perform chiropractic techniques.

On successful completion you will be able to:

- Perform spinal adjustments and mobilisations with the appropriate psychomotor skills at a clinically safe and competent level.
- Control these procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive
- Apply a thorough knowledge of the clinical anatomy, biomechanics, and patho-mechanics for all joints of the body in order to: a) Understand the biomechanical effects of an adjustment or mobilisation and the indications for their use; b) Perform postural analysis in relation to dysfunction; c) Perform the relevant orthopaedic testing, motion palpation, static palpation, indications and contraindication testing for each technique and methods of modification to suit special populations/conditions

## Final theory examination

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

Indicative Time on Task <sup>2</sup>: 22 hours

Due: **University Exam Period**

Weighting: **30%**

A written assessment consisting of multiple choice, short answer and long answer questions. This assessment will assess students development of theoretical knowledge in this unit.

On successful completion you will be able to:

- Apply a thorough knowledge of the clinical anatomy, biomechanics, and pathomechanics for all joints of the body in order to: a) Understand the biomechanical effects of an adjustment or mobilisation and the indications for their use; b) Perform postural analysis in relation to dysfunction; c) Perform the relevant orthopaedic testing, motion palpation, static palpation, indications and contraindication testing for each technique and methods of modification to suit special populations/conditions
- Select appropriate ancillary care in a clinical context.
- Construct and apply an appropriate consultation, examination and management of acute musculoskeletal peripheral joint injuries commonly encountered by practitioners in the field.

## Gonstead Spot Test

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

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

Due: **Week 6**

Weighting: **10%**

Students will demonstrate their ability to apply chiropractic techniques

On successful completion you will be able to:

- Perform spinal adjustments and mobilisations with the appropriate psychomotor skills at a clinically safe and competent level.
- Control these procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive
- Apply a thorough knowledge of the clinical anatomy, biomechanics, and pathomechanics for all joints of the body in order to: a) Understand the biomechanical effects of an adjustment or mobilisation and the indications for their use; b) Perform postural analysis in relation to dysfunction; c) Perform the relevant orthopaedic testing, motion palpation, static palpation, indications and contraindication testing for each technique and methods of modification to suit special populations/conditions

## Gonstead practical assessment

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

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

Due: **Week 12**

Weighting: **20%**

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

Students will demonstrate their ability to apply chiropractic techniques

On successful completion you will be able to:

- Perform spinal adjustments and mobilisations with the appropriate psychomotor skills at a clinically safe and competent level.
- Control these procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive
- Apply a thorough knowledge of the clinical anatomy, biomechanics, and patho-mechanics for all joints of the body in order to: a) Understand the biomechanical effects of an adjustment or mobilisation and the indications for their use; b) Perform postural analysis in relation to dysfunction; c) Perform the relevant orthopaedic testing, motion palpation, static palpation, indications and contraindication testing for each technique and methods of modification to suit special populations/conditions

## Video Technique Assignment 4

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

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

Due: **Week 10**

Weighting: **5%**

Using video capture, students will critically reflect on their ability to perform chiropractic techniques.

On successful completion you will be able to:

- Perform spinal adjustments and mobilisations with the appropriate psychomotor skills at a clinically safe and competent level.
- Control these procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive
- Apply a thorough knowledge of the clinical anatomy, biomechanics, and patho-mechanics for all joints of the body in order to: a) Understand the biomechanical effects

of an adjustment or mobilisation and the indications for their use; b) Perform postural analysis in relation to dysfunction; c) Perform the relevant orthopaedic testing, motion palpation, static palpation, indications and contraindication testing for each technique and methods of modification to suit special populations/conditions

## Video Technique Assignment 1

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

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

Due: **Week 3**

Weighting: **5%**

Using video capture, students will critically reflect on their ability to perform chiropractic techniques.

On successful completion you will be able to:

- Perform spinal adjustments and mobilisations with the appropriate psychomotor skills at a clinically safe and competent level.
- Control these procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive
- Apply a thorough knowledge of the clinical anatomy, biomechanics, and patho-mechanics for all joints of the body in order to: a) Understand the biomechanical effects of an adjustment or mobilisation and the indications for their use; b) Perform postural analysis in relation to dysfunction; c) Perform the relevant orthopaedic testing, motion palpation, static palpation, indications and contraindication testing for each technique and methods of modification to suit special populations/conditions

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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 [Learning Skills Unit](#) 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

- Number and length of classes per week:



- 3 x 1 hour [pre-recorded] lectures (Diversified, Gonstead, Ancillary therapies & Sports Medicine)
  - 1 x 1½ hour + 1 x 2 hour Gonstead technique tutorials
  - 2 x 1 hour Diversified technique tutorials
  - 1 x 1 hour Sports Medicine tutorials
- The timetable for classes can be found on the University web site at: <http://www.timetables.mq.edu.au/>
  - Tutorial attendance/participation is required.

## 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](#)
- [Grade Appeal Policy](#)
- [Complaint Management 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)

## 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](http://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 Enquiry Service

For all student enquiries, visit Student Connect at [ask.mq.edu.au](http://ask.mq.edu.au)

If you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto:globalmba.support@mq.edu.au)

## Equity 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.

## 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.