



CHIR8103

Clinical Chiropractic 3

Session 1, In person-scheduled-weekday, North Ryde 2022

Department of Chiropractic

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General Information

Unit convenor and teaching staff

Convener

Benjamin Brown

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Rm: 2231, Level 2, 75 Talavera Rd, Macquarie Park, NSW, 2113

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://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 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.

General Assessment Information

Grades

- HD High Distinction - Denotes work of outstanding quality
- D Distinction - Denotes work of superior quality
- Cr Credit - Denotes work of predominantly good quality
- P Pass - Denotes work of satisfactory quality
- F Fail - Denotes a candidate has failed to complete the unit satisfactorily

Achievement of grades will be based on the following criteria:

Grade	
Pass (P)	A minimum raw overall mark of 50% AND a passing grade in EACH of the final technique (Gonstead/Diversified) OSCE's
Credit (Cr)	A minimum raw overall mark of 65% AND a passing grade in EACH of the final technique (Gonstead/Diversified) OSCE's

Distinction (D)	A minimum raw overall mark of 75% AND a passing grade in EACH of the final technique (Gonstead/Diversified) OSCE's
High Distinction (HD)	A minimum raw overall mark of 85% AND a passing grade in EACH of the final technique (Gonstead/Diversified) OSCE's

Assessment Marks and Feedback

Marks for each assessment task (including the week 12 & 13 OSCE's and end of semester written exam) will be provided as soon as is practically possible after the assessment task is undertaken. For the 'Spot Test' and 'Video Technique Assignments', feedback will be given as soon as possible after each assessment.

Attendance is expected at lectures and tutorials.

85% attendance is the expected requirement for tutorials.

Hurdle Requirements and Serious Attempt Defined

A hurdle is a passing requirement for the unit. A serious attempt is a threshold when a second chance will be provided as an opportunity to meet the hurdle requirement.

CHIR 8103 has 2 hurdles. The hurdles, their serious attempt threshold, and the method of the second attempt are described below.

Hurdle 1 - Chiropractic Diversified Technique OSCE

- Serious attempt: defined as gaining 40-49% in the final chiropractic diversified OSCE.
- Second chance: a single supplementary chiropractic diversified OSCE - The highest grade achieved in this scenario will be a PASS grade regardless of the student's overall score in the supplementary assessment.

Hurdle 2 - Chiropractic Gonstead Technique OSCE

- Serious attempt: defined as gaining 40-49% in the final chiropractic Gonstead OSCE.
- Second chance: a single supplementary chiropractic Gonstead OSCE - The highest grade achieved in this scenario will be a PASS grade regardless of the student's overall score in the supplementary assessment.

Second-chance hurdle examinations will be offered after the 2022 semester 1 exam period. Students will be notified of their eligibility for a supplementary assessment and are required to make themselves available to take advantage of the second opportunity. Student performances for any supplementary OSCE's will be filmed and sent to examiners for marking.

Serious and Unavoidable Disruption

The University classifies a disruption as **serious and unavoidable** if it:

- could not have reasonably been anticipated, avoided or guarded against by the student; and
- was beyond the student's control; and
- caused substantial disruption to the student's capacity for effective study and/or completion of required work; and
- occurred during an event critical study period and was at least three (3) consecutive days duration, and/or
- prevented completion of a final examination.

Students with a pre-existing disability/health condition or prolonged adverse circumstances may be eligible for ongoing assistance and support. Such support is governed by other policies and may be sought and coordinated through [Campus Wellbeing and Support Services](#).

Examination(s)

The University Examination period for the First Half Year is from Monday the 6th of June through to Friday the 24th of June, 2022.

You are expected to present yourself for examination at the time and place designated in the University Examination timetable. The timetable will be available in *draft-form* approximately eight weeks before the commencement of the examinations and in *final-form* approximately four weeks before the commencement of the examinations. <https://iexams.mq.edu.au/timetable>

The only exception to not sitting an examination at the designated time is because of documented illness or unavoidable disruption. In these circumstances you may wish to submit a application for 'Special consideration'. Information about the special consideration process is available at **Policy Central**: <http://www.mq.edu.au/policy/>

If you receive [special consideration](#) for the final exam, a supplementary exam will be scheduled in the interval between the regular exam period and the start of the next session. By making a special consideration application for the final exam you are declaring yourself available for a resit during the supplementary examination period and will not be eligible for a second special consideration approval based on pre-existing commitments. Please ensure you are familiar with the [policy](#) prior to submitting an application. You can check the supplementary exam information page on FSE101 in iLearn (bit.ly/FSESup) for dates, and approved applicants will receive an individual notification one week prior to the exam with the exact date and time of their supplementary examination.

Assessment Tasks

Name	Weighting	Hurdle	Due
<u>Video Technique Assignment 1</u>	5%	No	9/3/22
<u>Video Technique Assignment 2</u>	5%	No	30/3/22
<u>Gonstead Spot Test</u>	10%	No	6/4/22
<u>Video Technique Assignment 3</u>	5%	No	28/4/22
<u>Video Technique Assignment 4</u>	5%	No	18/5/22
<u>Diversified & sports medicine clinical performance test</u>	20%	Yes	24/5/22
<u>Gonstead practical assessment</u>	20%	Yes	31/5/22
<u>Final theory examination</u>	30%	No	University Examination Period

Video Technique Assignment 1

Assessment Type ¹: Clinical performance evaluation

Indicative Time on Task ²: 2 hours

Due: **9/3/22**

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 2

Assessment Type ¹: Clinical performance evaluation

Indicative Time on Task ²: 2 hours

Due: **30/3/22**

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

Gonstead Spot Test

Assessment Type ¹: Clinical performance evaluation

Indicative Time on Task ²: 10 hours

Due: **6/4/22**

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 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 3

Assessment Type ¹: Clinical performance evaluation

Indicative Time on Task ²: 2 hours

Due: **28/4/22**

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 4

Assessment Type ¹: Clinical performance evaluation

Indicative Time on Task ²: 2 hours

Due: **18/5/22**

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 ¹: Clinical performance evaluation

Indicative Time on Task ²: 15 hours

Due: **24/5/22**

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.

Gonstead practical assessment

Assessment Type ¹: Clinical performance evaluation

Indicative Time on Task ²: 10 hours

Due: **31/5/22**

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

Final theory examination

Assessment Type ¹: Examination

Indicative Time on Task ²: 22 hours

Due: **University Examination 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.

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

- Number and length of classes per week:
 - 2 x 1 hour lectures (diversified & Gonstead)
 - 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](#)
- [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 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.