



CHIR8104

Clinical Chiropractic 4

Session 2, Weekday attendance, North Ryde 2020

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 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

Ben Brown

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Credit points

10

Prerequisites

CHIR8103 or CHIR903

Corequisites

Co-badged status

Unit description

This unit further develops both Gonstead and Diversified manual techniques and introduces the student to a broader range of techniques commonly used in the management of patients who attend a chiropractic clinic. The unit emphasises evidence-based practice. The unit facilitates the student's competency in the assessment and management of a wide range of sports injuries in the chiropractic setting in Australia. Students will use a multidisciplinary team-based approach to achieve this goal.

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: The ability 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.

ULO2: The ability to 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: Competency in performing static and motion palpation on all joints in the body.

ULO4: A comprehensive understanding of spinal joint mechanics.

ULO5: A thorough knowledge of the clinical anatomy of all joints of the body and the

biomechanics of these joints including: a) A thorough knowledge of the biomechanical effects of an adjustment or mobilisation and the indications for their use; b) A basic knowledge of structural analysis as it relates to posture and dysfunction; c) The ability to demonstrate an appropriate level of care in the handling of a patient; d) The ability to demonstrate orthopaedic testing, motion palpation and static palpation findings, indications and contraindication testing for each technique and methods of modification to suit special circumstances.

ULO6: The ability to 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

Assessment Structure - CHIR 8104

Assessment	Due Date (Week)	Weighting
Diversified Video Technique Assignment 1	3	5%
Diversified Video Technique Assignment 2	5	5%
Gonstead In-class Assessment	6	5%
Gonstead Video Technique Assignment 3	7	5%
Gonstead Video Technique Assignment 4	10	5%
Diversified OSCE	13	20%
Gonstead OSCE	13	20%
Final Theory Examination	Examination period	35%
Total		100%

Hurdle Requirements and Serious Attempt Defined

A hurdle is a passing requirement for the unit. A serious attempt is the threshold when a second chance will be provided as an opportunity to meet the hurdle requirement. CHIR 8104 has 1 hurdle.

Hurdle: To pass the unit a student must achieve clinical competency in manipulation across all three spinal regions. Clinical competency in a spinal region means a minimum aggregate mark

of 50% for the Gonstead and Diversified OSCEs for that spinal region i.e. cervical, thoracic and lumbar/SI.

The student may be offered a supplementary practical assessment if they have achieved clinical competency in manipulation in two out of three spinal regions.

Supplementary practical assessments will be held during the written examination period. If a student satisfies the other requirements to pass the unit but fails to achieve clinical competency in manipulation across more than one spinal region then the student will be considered not to have satisfied the minimum requirements to pass the unit and a Fail (F) grade will be awarded.

A student must obtain 50% of the combined available marks for each spinal region to pass the unit. A serious attempt is defined as gaining a mark of 40-49% of the available marks in this section.

Assessment Tasks

Name	Weighting	Hurdle	Due
<u>Final Written Examination</u>	35%	No	University Examination Period
<u>Gonstead In-class assessment</u>	5%	No	Week 6
<u>Diversified OSCE 1</u>	20%	No	Week 13
<u>Video Assignments</u>	20%	No	Weeks 3, 5, 7, 10
<u>Gonstead OSCE 1</u>	20%	No	Week 13

Final Written Examination

Assessment Type ¹: Examination

Indicative Time on Task ²: 35 hours

Due: **University 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:

- A comprehensive understanding of spinal joint mechanics.
- The ability to construct and apply an appropriate consultation, examination and management of acute musculoskeletal peripheral joint injuries commonly encountered by

practitioners in the field.

Gonstead In-class assessment

Assessment Type ¹: Clinical performance evaluation

Indicative Time on Task ²: 15 hours

Due: **Week 6**

Weighting: **5%**

An objective structured clinical examination (OSCE) designed to test clinical skill performance and competence in Gonstead Chiropractic Technique and related procedures.

On successful completion you will be able to:

- The ability 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.
- The ability to control these procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.
- Competency in performing static and motion palpation on all joints in the body.
- A comprehensive understanding of spinal joint mechanics.
- A thorough knowledge of the clinical anatomy of all joints of the body and the biomechanics of these joints including: a)A thorough knowledge of the biomechanical effects of an adjustment or mobilisation and the indications for their use; b)A basic knowledge of structural analysis as it relates to posture and dysfunction; c)The ability to demonstrate an appropriate level of care in the handling of a patient; d)The ability to demonstrate orthopaedic testing, motion palpation and static palpation findings, indications and contraindication testing for each technique and methods of modification to suit special circumstances.
- The ability to construct and apply an appropriate consultation, examination and management of acute musculoskeletal peripheral joint injuries commonly encountered by practitioners in the field.

Diversified OSCE 1

Assessment Type ¹: Clinical performance evaluation

Indicative Time on Task ²: 15 hours

Due: **Week 13**

Weighting: **20%**

An objective structured clinical examination (OSCE) designed to test clinical skill performance and competence in Diversified Chiropractic Technique and related procedures.

On successful completion you will be able to:

- The ability 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.
- The ability to control these procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.
- Competency in performing static and motion palpation on all joints in the body.
- A comprehensive understanding of spinal joint mechanics.
- A thorough knowledge of the clinical anatomy of all joints of the body and the biomechanics of these joints including: a)A thorough knowledge of the biomechanical effects of an adjustment or mobilisation and the indications for their use; b)A basic knowledge of structural analysis as it relates to posture and dysfunction; c)The ability to demonstrate an appropriate level of care in the handling of a patient; d)The ability to demonstrate orthopaedic testing, motion palpation and static palpation findings, indications and contraindication testing for each technique and methods of modification to suit special circumstances.
- The ability to construct and apply an appropriate consultation, examination and management of acute musculoskeletal peripheral joint injuries commonly encountered by practitioners in the field.

Video Assignments

Assessment Type ¹: Clinical performance evaluation

Indicative Time on Task ²: 10 hours

Due: **Weeks 3, 5, 7, 10**

Weighting: **20%**

Involves the video capture and critical appraisal of a personal performance of a Chiropractic technique/s and/or related procedure/s.

On successful completion you will be able to:

- The ability 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.
- The ability to control these procedures with regard to patient position, practitioner position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.
- Competency in performing static and motion palpation on all joints in the body.
- A comprehensive understanding of spinal joint mechanics.
- A thorough knowledge of the clinical anatomy of all joints of the body and the biomechanics of these joints including: a) A thorough knowledge of the biomechanical effects of an adjustment or mobilisation and the indications for their use; b) A basic knowledge of structural analysis as it relates to posture and dysfunction; c) The ability to demonstrate an appropriate level of care in the handling of a patient; d) The ability to demonstrate orthopaedic testing, motion palpation and static palpation findings, indications and contraindication testing for each technique and methods of modification to suit special circumstances.
- The ability to construct and apply an appropriate consultation, examination and management of acute musculoskeletal peripheral joint injuries commonly encountered by practitioners in the field.

Gonstead OSCE 1

Assessment Type ¹: Clinical performance evaluation

Indicative Time on Task ²: 15 hours

Due: **Week 13**

Weighting: **20%**

An objective structured clinical examination (OSCE) designed to test clinical skill performance and competence in Gonstead Chiropractic Technique and related procedures.

On successful completion you will be able to:

- The ability 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.
- The ability to control these procedures with regard to patient position, practitioner

position, primary contact, secondary contact, lock-up/set-up, speed, amplitude and line of drive.

- Competency in performing static and motion palpation on all joints in the body.
- A comprehensive understanding of spinal joint mechanics.
- A thorough knowledge of the clinical anatomy of all joints of the body and the biomechanics of these joints including: a) A thorough knowledge of the biomechanical effects of an adjustment or mobilisation and the indications for their use; b) A basic knowledge of structural analysis as it relates to posture and dysfunction; c) The ability to demonstrate an appropriate level of care in the handling of a patient; d) The ability to demonstrate orthopaedic testing, motion palpation and static palpation findings, indications and contraindication testing for each technique and methods of modification to suit special circumstances.
- The ability to 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
 - Sports Medicine
- 2 x 2 hour Gonstead tutorials
- 2 x 1 hour Diversified tutorial

The timetable for classes can be found on the University web site at: <http://www.timetables.mq.edu.au/>

Students are advised to check iLearn for announcements on a regular basis.

NOTE: Tutorial attendance/participation is required and will be factored into the final grade.

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](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>).

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.