CHIR8103
Clinical Chiropractic 3
Session 1, Special circumstances, 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

Credit points
10

Prerequisites
CHIR8102 or CHIR892

Corequisites

Co-badge 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 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

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Weighting</th>
<th>Hurdle</th>
<th>Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video Technique Assignment 2</td>
<td>5%</td>
<td>No</td>
<td>Week 5</td>
</tr>
<tr>
<td>Diversified &amp; sports medicine clinical performance test</td>
<td>20%</td>
<td>Yes</td>
<td>Week 11</td>
</tr>
<tr>
<td>Video Technique Assignment 3</td>
<td>5%</td>
<td>No</td>
<td>Week 8</td>
</tr>
<tr>
<td>Final theory examination</td>
<td>30%</td>
<td>No</td>
<td>University Exam Period</td>
</tr>
<tr>
<td>Gonstead Spot Test</td>
<td>10%</td>
<td>No</td>
<td>Week 6</td>
</tr>
<tr>
<td>Gonstead practical assessment</td>
<td>20%</td>
<td>Yes</td>
<td>Week 12</td>
</tr>
<tr>
<td>Video Technique Assignment 4</td>
<td>5%</td>
<td>No</td>
<td>Week 10</td>
</tr>
<tr>
<td>Video Technique Assignment 1</td>
<td>5%</td>
<td>No</td>
<td>Week 3</td>
</tr>
</tbody>
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Video Technique Assignment 2

Assessment Type: Clinical performance evaluation
Indicative Time on Task: 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 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

Diversified & sports medicine clinical performance test

Assessment Type 1: Clinical performance evaluation
Indicative Time on Task 2: 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 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.

**Video Technique Assignment 3**

Assessment Type 1: Clinical performance evaluation
Indicative Time on Task 2: 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 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

**Final theory examination**

Assessment Type 1: Examination
Indicative Time on Task 2: 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 1: Clinical performance evaluation
Indicative Time on Task 2: 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 1: Clinical performance evaluation
Indicative Time on Task 2: 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 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 

Video Technique Assignment 4 
Assessment Type 1: Clinical performance evaluation 
Indicative Time on Task 2: 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 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

Video Technique Assignment 1

Assessment Type 1: Clinical performance evaluation
Indicative Time on Task 2: 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 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

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 Learning Skills Unit 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:
Unit guide CHIR8103 Clinical Chiropractic 3

- 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://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). 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).

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

**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 Enquiry Service**

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

**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/

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.