



# CHIR904

## Clinical Chiropractic 4

S2 Day 2015

*Dept of Chiropractic*

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# General Information

Unit convenor and teaching staff

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Unit convenor

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Credit points

4

Prerequisites

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:

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.

The ability to perform basic static and motion palpation on all joints in the body.

An 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.

## Assessment Tasks

Name	Weighting	Due
<a href="#"><u>1 Diversified OSCE</u></a>	15%	weeks 10/11
<a href="#"><u>2 Gonstead OSCE</u></a>	25%	Week 13
<a href="#"><u>3 Gonstead in-class assessment</u></a>	5%	Week 7
<a href="#"><u>4 Video assignments</u></a>	20%	Weeks 2, 5, 8 & 10
<a href="#"><u>5 Written examination</u></a>	35%	Examination period

### 1 Diversified OSCE

Due: **weeks 10/11**

Weighting: **15%**

Diversified OSCE

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.
- An 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.

## 2 Gonstead OSCE

Due: **Week 13**

Weighting: **25%**

Gonstead OSCE

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.
- An 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.

## 3 Gonstead in-class assessment

Due: **Week 7**

Weighting: **5%**

Gonstead in-class test

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.
- The ability to perform basic static and motion palpation on all joints in the body.
- An 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.

## 4 Video assignments

Due: **Weeks 2, 5, 8 & 10**

Weighting: **20%**

Technique video assignments (TAs)

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.



- An 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.

## 5 Written examination

Due: **Examination period**

Weighting: **35%**

End of semester written examination

On successful completion you will be able to:

- 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.

## Delivery and Resources

- Number and length of classes per week:
  - 3 x 1 hour lectures
  - 1 x 1 hour Diversified tutorial
  - 2 x 2 hour Gonstead tutorial
  - 1 x 1 hour Diversified tutorial (recommended students only)
- The timetable for classes can be found on the University web site at:

<http://www.timetables.mq.edu.au/>

- **SOME TUTORIALS START IN WEEK 1. Please check iLearn for announcements.**

- **Tutorial attendance/participation is required and will be factored into the final grade.**

## Unit Schedule

CHIR 904 Syllabus – 2014				
Week	Day	Topic	Lecturer	Tutorial
1	Tues 8-9	Introduction	Roger Engel (RE)	Tutorial allocation
	Wed 8-9	Gonstead	Andrew Stevenson (AS)	No tutorial
	Thurs 8-9	Hockey	RE	
2	Tues 8-9	Diversified	Stephen Esposito (SE)	Diversified
	Wed 8-9	Gonstead	AS	Gonstead
	Thurs 8-9	Rowing	RE	
3	Tues 8-9	Falls prevention	RE	Diversified
	Wed 8-9	Gonstead	AS	Gonstead
	Thurs 8-9	Football (soccer)	Mario Pribicevic (MP)	
4	Tues 8-9	Diversified	SE	Diversified
	Wed 8-9	Gonstead	AS	Gonstead
	Thurs 8-9	Tennis & racket sports	MP	
5	Tues 8-9	Diversified	SE	Diversified
	Wed 8-9	Gonstead	AS	Gonstead
	Thurs 8-9	Basketball/Netball	MP	
6	Tues 8-9	Diversified	SE	Diversified
	Wed 8-9	Gonstead	AS	Gonstead
	Thurs 8-9	Baseball/cricket	Brian Nook (BN)	

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7	Tues 8-9	Manual Therapy & COPD	RE	Diversified
	Wed 8-9	Gonstead	AS	Gonstead
	Thurs 8-9	Surfing	MP	
<b>XXX</b>	<b>RECESS</b>	<b>XXXXXXXXXXXX</b>	<b>XXXXXX</b>	<b>XXXXXXXXXXXX</b>
8	Tues 8-9	Diversified	SE	Diversified
	Wed 8-9	Gonstead	AS	Gonstead
	Thurs 8-9	Aerobics/gymnastics	BN	
9	Tues 8-9	Diversified	SE	Diversified
	Wed 8-9	Gonstead	AS	Gonstead
	Thurs 8-9	Swimming	George Dragasevich	
10	Tues 8-9	NO LECTURE		<b>Diversified OSCE</b>
	Wed 8-9	Gonstead	AS	Gonstead
	Thurs 8-9	Tae Kwon No	Reidar Lystad	
11	Tues 8-9	NO LECTURE		<b>Diversified OSCE</b>
	Wed 8-9	Gonstead	AS	Gonstead
	Thurs 8-9	Dry needling/Aeorbic training	Luke Khoury (LK)	
12	Tues 8-9	Diversified	SE	Gonstead
	Wed 8-9	Gonstead	AS	Gonstead
	Thurs 8-9	Vibration/Laser therapy	LK	
13	Tues 8-9	xxxxxxxxxxx	No lecture	<b>Gonstead OSCE</b>
	Wed 8-9	xxxxxxxxxxx	No lecture	<b>Gonstead OSCE</b>
	Thurs 8-9	xxxxxxxxxxx	No lecture	

## Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](#). Students should be aware of the following policies in particular with regard to Learning and Teaching:

Academic Honesty Policy [http://mq.edu.au/policy/docs/academic\\_honesty/policy.html](http://mq.edu.au/policy/docs/academic_honesty/policy.html)

Assessment Policy <http://mq.edu.au/policy/docs/assessment/policy.html>

Grading Policy <http://mq.edu.au/policy/docs/grading/policy.html>

Grade Appeal Policy <http://mq.edu.au/policy/docs/gradeappeal/policy.html>

Grievance Management Policy [http://mq.edu.au/policy/docs/grievance\\_management/policy.html](http://mq.edu.au/policy/docs/grievance_management/policy.html)

Disruption to Studies Policy [http://www.mq.edu.au/policy/docs/disruption\\_studies/policy.html](http://www.mq.edu.au/policy/docs/disruption_studies/policy.html) *The Disruption to Studies Policy is effective from March 3 2014 and replaces the Special Consideration Policy.*

In addition, a number of other policies can be found in the [Learning and Teaching Category](#) of 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/support/student\\_conduct/](https://students.mq.edu.au/support/student_conduct/)

## Results

Results shown in *iLearn*, 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).

## 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 improve your marks and take control of your study.

- [Workshops](#)
- [StudyWise](#)
- [Academic Integrity Module for Students](#)
- [Ask a Learning Adviser](#)

## 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](http://ask.mq.edu.au)

## IT Help

For help with University computer systems and technology, visit <http://informatics.mq.edu.au/help/>.

When using the University's IT, you must adhere to the [Acceptable Use Policy](#). The policy applies to all who connect to the MQ network including students.

## Graduate Capabilities

### PG - Capable of Professional and Personal Judgment and Initiative

Our postgraduates will demonstrate a high standard of discernment and common sense in their professional and personal judgment. They will have the ability to make informed choices and decisions that reflect both the nature of their professional work and their personal perspectives.

This graduate capability is supported by:

#### Learning outcomes

- 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.
- An 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.

## Assessment tasks

- 1 Diversified OSCE
- 2 Gonstead OSCE
- 4 Video assignments

## PG - Discipline Knowledge and Skills

Our postgraduates will be able to demonstrate a significantly enhanced depth and breadth of knowledge, scholarly understanding, and specific subject content knowledge in their chosen fields.

This graduate capability is supported by:

## Learning outcomes

- 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.
- The ability to perform basic static and motion palpation on all joints in the body.
- An understanding of spinal joint mechanics.
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- 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.

## Assessment tasks

- 1 Diversified OSCE
- 2 Gonstead OSCE
- 3 Gonstead in-class assessment
- 4 Video assignments

- 5 Written examination

## PG - Critical, Analytical and Integrative Thinking

Our postgraduates will be capable of utilising and reflecting on prior knowledge and experience, of applying higher level critical thinking skills, and of integrating and synthesising learning and knowledge from a range of sources and environments. A characteristic of this form of thinking is the generation of new, professionally oriented knowledge through personal or group-based critique of practice and theory.

This graduate capability is supported by:

### Learning outcomes

- 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.
- An understanding of spinal joint mechanics.
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- 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.

### Assessment tasks

- 1 Diversified OSCE
- 2 Gonstead OSCE
- 3 Gonstead in-class assessment
- 4 Video assignments
- 5 Written examination

## PG - Research and Problem Solving Capability

Our postgraduates will be capable of systematic enquiry; able to use research skills to create new knowledge that can be applied to real world issues, or contribute to a field of study or practice to enhance society. They will be capable of creative questioning, problem finding and problem solving.

This graduate capability is supported by:

### Learning outcome

- 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.

### Assessment task

- 5 Written examination

## PG - Effective Communication

Our postgraduates will be able to communicate effectively and convey their views to different social, cultural, and professional audiences. They will be able to use a variety of technologically supported media to communicate with empathy using a range of written, spoken or visual formats.

This graduate capability is supported by:

### Learning outcomes

- 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.
- The ability to perform basic static and motion palpation on all joints in the body.
- 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.

## **Assessment task**

- 4 Video assignments

## **PG - Engaged and Responsible, Active and Ethical Citizens**

Our postgraduates will be ethically aware and capable of confident transformative action in relation to their professional responsibilities and the wider community. They will have a sense of connectedness with others and country and have a sense of mutual obligation. They will be able to appreciate the impact of their professional roles for social justice and inclusion related to national and global issues

This graduate capability is supported by:

## **Learning outcome**

- 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.