



CHIR904

Clinical Chiropractic 4

S2 Day 2016

Dept of Chiropractic

Contents

| | |
|--------------------------------|----|
| <u>General Information</u> | 2 |
| <u>Learning Outcomes</u> | 5 |
| <u>Assessment Tasks</u> | 6 |
| <u>Delivery and Resources</u> | 9 |
| <u>Unit Schedule</u> | 10 |
| <u>Policies and Procedures</u> | 12 |
| <u>Graduate Capabilities</u> | 14 |

Disclaimer

Macquarie University has taken all reasonable measures to ensure the information in this publication is accurate and up-to-date. However, the information may change or become out-dated as a result of change in University policies, procedures or rules. The University reserves the right to make changes to any information in this publication without notice. Users of this publication are advised to check the website version of this publication [or the relevant faculty or department] before acting on any information in this publication.

General Information

Unit convenor and teaching staff

Unit Convenor

Roger Engel

roger.engel@mq.edu.au

Contact via roger.engel@mq.edu.au

Contract Lecturer & Tutor

Stephen Esposito

stephen.esposito@mq.edu.au

Contact via Email

N/A

By appointment

Contract Lecturer & Tutor

Andrew Stevenson

andrew.stevenson@mq.edu.au

Contact via Email

N/A

By appointment

Contract Lecturer

Mario Pribicevic

mario.pribicevic@mq.edu.au

Contact via Email

N/A

By appointment

Tutor

Angelo Angelopoulos

angelo.angelopoulos@mq.edu.au

Contact via Email

N/A

By appointment

Tutor

Dean Rhodes

dean.rhodes@mq.edu.au

Contact via Email

N/A

By appointment

Tutor

Katherine Bull

katherine.bull@mq.edu.au

Contact via Email

N/A

By appointment

Tutor

Stuart Knox

stuart.knox@mq.edu.au

Contact via Email

N/A

By appointment

Tutor

Mei Wong

mei.wong@mq.edu.au

Contact via Email

N/A

By appointment

Tutor

Christopher Burrell

christopher.burrell@mq.edu.au

Contact via Email

N/A

By appointment

Tutor

Aron Downie

aron.downie@mq.edu.au

Contact via Email

C5C 9west) Room 356

By appointment

Tutor

Steven Cannon

steven.cannon@mq.edu.au

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.

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.

Assessment Tasks

| Name | Weighting | Due |
|---------------------------------------|-----------|--------------------|
| <u>1 Diversified OSCE</u> | 15% | weeks 10/11 |
| <u>2 Gonstead OSCE</u> | 25% | Week 13 |
| <u>3 Gonstead in-class assessment</u> | 5% | Week 7 |
| <u>4 Video assignments</u> | 20% | Weeks 3, 5, 8 & 10 |
| <u>5 Written examination</u> | 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.
- 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.

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.
- 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.

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.
- 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.

4 Video assignments

Due: **Weeks 3, 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.
- 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.

5 Written examination

Due: **Examination period**

Weighting: **35%**

End of semester written examination

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.

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 2. Please check iLearn for announcements.**
- **Tutorial attendance/participation is required and will be factored into the final grade.**

Unit Schedule

CHIR 904 Syllabus – 2016

| Week | Day | Topic | Lecturer | Tutorial |
|------|-----------|------------------------|-------------------------|---------------------------|
| 1 | Tues 8-9 | Introduction | Roger Engel (RE) 1 | Tutorials start in week 2 |
| | Wed 8-9 | Gonstead | Andrew Stevenson (AS) 1 | Tutorials start in week 2 |
| | Thurs 8-9 | Hockey | RE 2 | |
| 2 | Tues 8-9 | Diversified | Stephen Esposito (SE) 1 | Gonstead |
| | Wed 8-9 | Gonstead | AS 2 | Gonstead |
| | Thurs 8-9 | Rowing | RE 3 | |
| 3 | Tues 8-9 | Falls prevention | RE 4 | Gonstead |
| | Wed 8-9 | Gonstead | AS 3 | Gonstead |
| | Thurs 8-9 | Football (soccer) | Mario Pribicevic (MP) 1 | |
| 4 | Tues 8-9 | Diversified | SE 2 | Gonstead |
| | Wed 8-9 | Gonstead | AS 4 | Gonstead |
| | Thurs 8-9 | Tennis & racket sports | MP 2 | |
| 5 | Tues 8-9 | Diversified | SE 3 | Gonstead |
| | Wed 8-9 | Gonstead | AS 5 | Gonstead |
| | Thurs 8-9 | Basketball/Netball | MP 3 | |
| 6 | Tues 8-9 | Diversified | SE 4 | Gonstead |
| | Wed 8-9 | Gonstead | AS 6 | Gonstead |
| | Thurs 8-9 | Surfing | MP 4 | |
| 7 | Tues 8-9 | Manual therapy & COPD | RE 5 | Gonstead |
| | Wed 8-9 | Gonstead | AS 7 | Gonstead |

| | | | | |
|------------|---------------|---------------------|---------------|-------------------------|
| | Thurs 8-9 | TBA | | |
| XXX | RECESS | XXXXXXXXXXXX | XXXXXX | XXXXXXXXXXXX |
| 8 | Tues 8-9 | Diversified | SE 5 | Gonstead |
| | Wed 8-9 | Gonstead | AS 8 | Gonstead |
| | Thurs 8-9 | TBA | | |
| 9 | Tues 8-9 | Diversified | SE 6 | Gonstead |
| | Wed 8-9 | Gonstead | AS 9 | Gonstead |
| | Thurs 8-9 | TBA | | |
| 10 | Tues 8-9 | Diversified | TBA | Gonstead |
| | Wed 8-9 | Gonstead | AS 10 | Gonstead |
| | Thurs 8-9 | TBA | | |
| 11 | Tues 8-9 | NO LECTURE | | Diversified OSCE |
| | Wed 8-9 | Gonstead | AS 11 | Gonstead |
| | Thurs 8-9 | TBA | | |
| 12 | Tues 8-9 | NO LECTURE | | Diversified OSCE |
| | Wed 8-9 | Gonstead | AS 12 | Gonstead |
| | Thurs 8-9 | TBA | | |
| 13 | Tues 8-9 | xxxxxxxxxxx | No lecture | Gonstead OSCE |
| | Wed 8-9 | xxxxxxxxxxx | No lecture | Gonstead OSCE |
| | 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

New Assessment Policy in effect from Session 2 2016 http://mq.edu.au/policy/docs/assessment/policy_2016.html. For more information visit http://students.mq.edu.au/events/2016/07/19/new_assessment_policy_in_place_from_session_2/

Assessment Policy prior to Session 2 2016 <http://mq.edu.au/policy/docs/assessment/policy.html>

Grading Policy prior to Session 2 2016 <http://mq.edu.au/policy/docs/grading/policy.html>

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

Complaint Management Procedure for Students and Members of the Public http://www.mq.edu.au/policy/docs/complaint_management/procedure.html

Disruption to Studies Policy 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/

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.

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 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

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.

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.
- 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.

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.
- 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.

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.
- 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.

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/palpation 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 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.