



CHIR20010 *Advanced Clinical Development 1*

Term 1 - 2023

Profile information current as at 25/04/2024 09:24 am

All details in this unit profile for CHIR20010 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

General Information

Overview

In this unit, you will focus on examining, diagnosing and managing common paediatric and pregnancy related conditions. You will advance your understanding of a range of management topics related to the paediatric and pregnant population including injury prevention, advice on healthy lifestyles, self-managed care, rehabilitation, and treatment options. This unit will assist you with your clinical development in the student clinic by addressing the importance of integrating knowledge and skills to support clinical decision-making for this special population.

Details

Career Level: *Postgraduate*

Unit Level: *Level 9*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Pre-requisite: CHIR20006 Clinical Practice 3 and CHIR20007 Diagnostic Imaging 2 Co-requisite: CHIR20009 Clinical Practice 4

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the [Assessment Policy and Procedure \(Higher Education Coursework\)](#).

Offerings For Term 1 - 2023

- Brisbane
- Mackay

Attendance Requirements

All on-campus students are expected to attend scheduled classes – in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

Website

[This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.](#)

Class and Assessment Overview

Recommended Student Time Commitment

Each 6-credit Postgraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

Class Timetable

[Regional Campuses](#)

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

[Metropolitan Campuses](#)

Adelaide, Brisbane, Melbourne, Perth, Sydney

Assessment Overview

1. **On-campus Activity**

Weighting: 20%

2. **Online Quiz(zes)**

Weighting: 30%

3. **In-class Test(s)**

Weighting: 50%

Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the [University's Grades and Results Policy](#) for more details of interim results and final grades.

CQUniversity Policies

All University policies are available on the [CQUniversity Policy site](#).

You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure – Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure – International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback – Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the [CQUniversity Policy site](#).

Previous Student Feedback

Feedback, Recommendations and Responses

Every unit is reviewed for enhancement each year. At the most recent review, the following staff and student feedback items were identified and recommendations were made.

Feedback from SUTE

Feedback

Quizzes could be geared towards more clinical or practical use. For example 'how would you treat', this would help reinforce learning material.

Recommendation

It is recommended that the Unit Coordinator focus more on translating research to practice, especially when presenting the literature throughout the unit.

Feedback from SUTE

Feedback

Students would appreciate conclusive dot points for research presented during the weekly lecture content, to help them translate it into practice.

Recommendation

It is recommended that conclusive dot points for research be created, to help translate it into practice.

Unit Learning Outcomes

On successful completion of this unit, you will be able to:

1. Explain the morphology of a clinical condition according to its anatomy, biomechanics, etiology, epidemiology, pathophysiology and prevalence
2. Interpret findings from a case history and physical assessment to formulate and develop a differential diagnosis or clinical impression in order to consider an appropriate management plan and prognosis, taking in consideration patient safety, absolute and relative contraindications
3. Apply the appropriate chiropractic approach to treatment (within the scope of practice) that includes technique/skills, exercises/rehabilitation, health promotion, prevention, lifestyle advice and self-managed care in a professional and ethical way, in accordance with the chiropractic code of conduct and professional standards.
4. Apply humanistic factors involving communication skills and bio-psychosocial awareness, relative to the patient-practitioner interface.

This is a specific preparatory unit to assist you to develop an individualised pathway towards strengthening the majority of elements and performance indicators of CCEA's Accreditation Standards. There is also a loose alignment with the Clinical Interest Groups of the Chiropractors Association of Australia (National).

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - On-campus Activity - 20%			●	●
2 - Online Quiz(zes) - 30%	●	●		●
3 - In-class Test(s) - 50%	●	●	●	

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	2	3	4
1 - Knowledge	○	○	○	
2 - Communication	○	○	○	○
3 - Cognitive, technical and creative skills		○	○	
4 - Research				
5 - Self-management				
6 - Ethical and Professional Responsibility		○	○	○
7 - Leadership			○	
8 - Aboriginal and Torres Strait Islander Cultures				

Textbooks and Resources

Textbooks

There are no required textbooks.

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)

Referencing Style

All submissions for this unit must use the referencing style: [American Psychological Association 7th Edition \(APA 7th edition\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Matt Fernandez Unit Coordinator

m.fernandez@cqu.edu.au

Schedule

Week 1 - 06 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lecture 1: Introduction to pregnancy with respect to pain	Relevant reading and content will be available on Moodle	Tutorial: Overview of the ACD2 unit and expectations Zoom, Friday 9am - 10am

Week 2 - 13 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Musculoskeletal conditions associated with pregnancy	Relevant reading and content will be available on Moodle	Tutorial: Discussion and scenario specific related to lecture. Zoom, Friday 9am - 10am

Week 3 - 20 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Pelvic floor incontinence and organ prolapse.	Relevant reading and content will be available on Moodle	Tutorial: Discussion and scenario specific related to lecture. Zoom, Friday 9am - 10am

Week 4 - 27 Mar 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Abdominal separation (diastasis recti)	Relevant reading and content will be available on Moodle	Tutorial: Discussion and scenario specific related to lecture. Zoom, Friday 9am - 10am

Week 5 - 03 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Pre and post pregnancy exercise	Relevant reading and content will be available on Moodle	Tutorial: Discussion and scenario specific related to lecture. Zoom, Friday 9am - 10am

Vacation Week - 10 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
	Relevant reading and content will be available on Moodle	

Week 6 - 17 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lecture: Intercourse and pain	Relevant reading and content will be available on Moodle	Tutorial: Discussion and scenario specific related to lecture. Zoom, Friday 9am - 10am

Week 7 - 24 Apr 2023

Module/Topic	Chapter	Events and Submissions/Topic
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On campus quiz Friday (28 April 2023)

9am-10am

Lecture: Musculoskeletal paediatrics

Relevant reading and content will be available on Moodle

Online quiz Due: Week 7 Friday (28 Apr 2023) 9:00 am AEST**Week 8 - 01 May 2023****Module/Topic****Chapter****Events and Submissions/Topic****Lecture 8: Plagiocephaly**

Relevant reading and content will be available on Moodle

Friday May 5th. Practical 1 on campus 830am - 1230pm Part A & B**Week 9 - 08 May 2023****Module/Topic****Chapter****Events and Submissions/Topic****Lecture 9: Torticollis and otitis media**

Relevant reading and content will be available on Moodle

Tutorial: on campus quiz Friday 9am-11am

Week 10 - 15 May 2023**Module/Topic****Chapter****Events and Submissions/Topic****Lecture 10: Colic**

Relevant reading and content will be available on Moodle

Friday May 19th. Practical 2 on campus 830am - 1230pm Part A & B**On-campus Activity** Due: Week 10 Friday (19 May 2023) 11:59 pm AEST**Week 11 - 22 May 2023****Module/Topic****Chapter****Events and Submissions/Topic****Lecture 11: Breastfeeding**

Relevant reading and content will be available on Moodle

Tutorial: Discussion and scenario specific related to lecture. Zoom, Friday 9am - 10am

Week 12 - 29 May 2023**Module/Topic****Chapter****Events and Submissions/Topic****Lecture 12: Paediatrics History & Examination**

Tutorial: Discussion and scenario specific related to lecture. Zoom, Friday 9am - 10am

Review/Exam Week/End of Term Test - 05 Jun 2023**Module/Topic****Chapter****Events and Submissions/Topic**

End of term test

6/6/23 test on campus

End of Term Test Due: Review/Exam Week Tuesday (6 June 2023) 9:00 am AEST**Review/Exam Week/End of Term Test - 12 Jun 2023****Module/Topic****Chapter****Events and Submissions/Topic**

Assessment Tasks

1 On-campus Activity

Assessment Type

On-campus Activity

Task Description**Part A**

You will be required to attend two 4-hour practical sessions that will include learning how to assess and manage

paediatric and pregnant patients. During each of the sessions you will be required to actively participate, and at the completion, you will be asked (in a small group) to demonstrate practical skills related to (i) a paediatric patient (i.e., demonstrating touch and hold palpation to the spine) and (ii) for a pregnant patient (i.e., demonstrating modified and safe adjustive procedures for the spine). Part A is a **Satisfactory/Unsatisfactory** task.

Part B

Following the first practical, you will be provided with 2 case studies, where you will choose only one for this assessment. Combing lecture, tutorial and the practical on-campus activity notes, you will need to spend some time reflecting on the management of this special population briefly exploring how and why it differs from the general population. Combined, this assignment should be no longer than 400 words and take into consideration the application of the following:

- 1) Manual therapy and instrument-assisted techniques including manipulation/adjustments, mobilization, and soft tissue therapies chosen with justification to address joint articulations and/or soft tissues.
- 2) Passive physical therapy modalities chosen such as electrical stimulation, heat, ice, laser etc. with justification.
- 3) Postural and rehabilitative exercises chosen with justification.
- 4) Nutrition advice and supplementation chosen with justification.
- 5) Lifestyle and public health advice with justification.
- 6) Integration and collaboration with other health care providers in the care of the pregnant or paediatric patient.

It is highly recommended you consult and reference the literature with respect to your justifications within your report. It is also recommended that you present each section with a new heading for all 6 points.

Part B is worth **20%** of the final grade. In the absence of an approved extension, there will be no opportunity to complete the task after the assigned date.

Rubric for Part A & B

Feature	0-3	3-7	7-9	Full marks. 10 marks each	Comments?
The components are placed in a logical and easy to understand manner	Poor with many errors	Several errors	A few errors	No repetition, logical flow to the presentation and easy to understand.	
Key manual therapy and soft tissue components are explored and explained	Demonstrates poor knowledge	Demonstrates some knowledge	Good knowledge	Demonstrates an excellent knowledge of key manual therapy and soft tissue components	
Physical therapy modalities explored and explained	Demonstrates poor knowledge	Demonstrates some knowledge	Good knowledge	Demonstrates an excellent knowledge of key physical therapy (passive) modalities	
Postural and rehabilitative exercises are explored and explained	Demonstrates poor knowledge	Demonstrates some knowledge	Good knowledge	Demonstrates excellent knowledge of postural and rehabilitative exercises	
Nutritional and supplementation explored and explained	Demonstrates poor knowledge	Demonstrates some knowledge	Good knowledge	Demonstrates excellent knowledge of nutritional and supplementation components	
Lifestyle and public health advice with justification	Demonstrates poor knowledge	Demonstrates some knowledge	Good knowledge	Demonstrates excellent knowledge of lifestyle and public health advice	
Integration / collaboration with other health care providers	Demonstrates poor knowledge	Demonstrates some knowledge	Good knowledge	Integration / collaboration with other health care providers demonstrated	
References current and relevant	No compliance	Little compliance	A few errors	Full compliance	
Overall professionalism of presentation	Poor	Several errors	A few errors	Professional level	

On campus practical activity	Unsatisfactory			Satisfactory
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Assessment Due Date

Week 10 Friday (19 May 2023) 11:59 pm AEST

Submitted into Moodle

Return Date to Students

2 weeks following submission.

Weighting

20%

Minimum mark or grade

Pass

Assessment Criteria

You should be able to demonstrate as specified in the learning outcomes:

1. understanding of the relationship between anatomy, aetiology, pathophysiology, diagnoses and treatment options of conditions seen in the paediatric population (neonate to adolescent).
2. understanding of the physiological processes associated with the pregnant patient and childbirth.
3. understanding of the relationship between anatomy, aetiology, pathophysiology, diagnoses and treatment options of conditions seen with the pregnant patient.
4. interpret findings from history and physical examination of paediatric and obstetrical patients.

Referencing Style

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

Submission

Online

Submission Instructions

Online

Learning Outcomes Assessed

- Apply the appropriate chiropractic approach to treatment (within the scope of practice) that includes technique/skills, exercises/rehabilitation, health promotion, prevention, lifestyle advice and self-managed care in a professional and ethical way, in accordance with the chiropractic code of conduct and professional standards.
- Apply humanistic factors involving communication skills and bio-psychosocial awareness, relative to the patient-practitioner interface.

2 Online quiz

Assessment Type

Online Quiz(zes)

Task Description

Task Description The purpose of this online quiz to be undertaken on campus is to assess your knowledge and understanding of the lecture and tutorial component of the paediatric and obstetrical material presented through weeks 1-6 inclusive. Students will be required to demonstrate this by selecting the one best answer for a mixture of multiple choice questions, short answer, true/false and matching correct statements. You will be allowed one attempt for the quiz, which will need to be completed within the allotted time frame. This quiz is worth **30%** of the final grade. In the absence of an approved extension, there will be no opportunity to complete the task after the assigned date.

Number of Quizzes

0

Frequency of Quizzes

Other

Assessment Due Date

Week 7 Friday (28 Apr 2023) 9:00 am AEST

On campus Quiz

Return Date to Students

Quiz closes at 10am on Friday week 7.

Weighting

30%

Assessment Criteria

The emphasis for the final examination will be on continued demonstration of the learning outcomes in this unit. You should be able to demonstrate:

1. understanding of the relationship between anatomy, aetiology, pathophysiology, diagnoses and treatment options of conditions seen in the paediatric population (neonate to adolescent).
2. understanding of the physiological processes associated with the pregnant patient and childbirth.
3. understanding of the relationship between anatomy, aetiology, pathophysiology, diagnoses and treatment options of conditions seen with the pregnant patient.
4. interpret findings from history and physical examination of paediatric and obstetrical patients

Referencing Style

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

Submission

Online

Submission Instructions

Online

Learning Outcomes Assessed

- Explain the morphology of a clinical condition according to its anatomy, biomechanics, etiology, epidemiology, pathophysiology and prevalence
- Interpret findings from a case history and physical assessment to formulate and develop a differential diagnosis or clinical impression in order to consider an appropriate management plan and prognosis, taking in consideration patient safety, absolute and relative contraindications
- Apply humanistic factors involving communication skills and bio-psychosocial awareness, relative to the patient-practitioner interface.

3 End of Term Test

Assessment Type

In-class Test(s)

Task Description

The final end of term (online) test will be in the format of an multiple choice questions, short answer, matching and true or false quiz to assess your knowledge and understanding of the lecture and tutorial components of paediatric and obstetrical conditions material presented through weeks 1-12 inclusive. Students will be required to demonstrate this by selecting the one best answer. You will be allowed one attempt for the quiz, which will need to be completed within the allotted time frame. This quiz is worth **50%** of the final grade. In the absence of an approved extension, there will be no opportunity to complete the task after the assigned date.

Assessment Due Date

Review/Exam Week Tuesday (6 June 2023) 9:00 am AEST

Exam Week: Monday June 6th, 9am to 11am

Return Date to Students

12/6/2023

Weighting

50%

Assessment Criteria

You should be able to demonstrate as specified in the learning outcomes:

1. understanding of the relationship between anatomy, aetiology, pathophysiology, diagnoses and treatment options of conditions seen in the paediatric population (neonate to adolescent).
2. understanding of the physiological processes associated with the pregnant patient and childbirth.
3. understanding of the relationship between anatomy, aetiology, pathophysiology, diagnoses and treatment options of conditions seen with the pregnant patient.
4. interpret findings from history and physical examination of paediatric and obstetrical patients.

Referencing Style

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

Submission

Online

Submission Instructions

Online

Learning Outcomes Assessed

- Explain the morphology of a clinical condition according to its anatomy, biomechanics, etiology, epidemiology, pathophysiology and prevalence
- Interpret findings from a case history and physical assessment to formulate and develop a differential diagnosis or clinical impression in order to consider an appropriate management plan and prognosis, taking in consideration patient safety, absolute and relative contraindications
- Apply the appropriate chiropractic approach to treatment (within the scope of practice) that includes technique/skills, exercises/rehabilitation, health promotion, prevention, lifestyle advice and self-managed care in a professional and ethical way, in accordance with the chiropractic code of conduct and professional standards.

Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the [Student Academic Integrity Policy and Procedure](#). This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

What is a breach of academic integrity?

A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

Why is academic integrity important?

A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

Where can I get assistance?

For academic advice and guidance, the [Academic Learning Centre \(ALC\)](#) can support you in becoming confident in completing assessments with integrity and of high standard.

What can you do to act with integrity?



Be Honest

If your assessment task is done by someone else, it would be dishonest of you to claim it as your own



Seek Help

If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)



Produce Original Work

Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem