



CHIR20010 *Advanced Clinical Development 1*

Term 1 - 2022

Profile information current as at 09/12/2022 10:00 pm

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 - 2022

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

Weighting: 50%

3. **Online Quiz(zes)**

Weighting: 30%

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 Have Your Say

Feedback

Some students felt that the content was overwhelming during a COVID impacted year.

Recommendation

It is recommended that the UC review the content before the next offering to explore whether there is opportunity to streamline the content.

Feedback from Have Your Say

Feedback

Some students felt that additional time would have helped them score higher grades on the quiz assessment.

Recommendation

It is recommended that the UC review the timing of the assessments to ensure that the time provided is adequate for all students to complete.

Feedback from Have Your Say

Feedback

Some students would have liked additional guidance on the requirements of the reflective assessment task.

Recommendation

It is recommended that the UC review the guidance provided and if required provide additional detail for the reflective assessment task.

Feedback from Have Your Say

Feedback

Students appreciated the clinically relevant material and the integration of recent research to assist with management planning.

Recommendation

It is recommended that all new content generated continues to provide opportunity to integrate recent literature with management and care planning.

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: [Vancouver](#)
For further information, see the Assessment Tasks.

Teaching Contacts

Matt Fernandez Unit Coordinator
m.fernandez@cqu.edu.au

Schedule

Week 1 - 07 Mar 2022

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 11am - 12pm

Week 2 - 14 Mar 2022

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 11am - 12pm

Week 3 - 21 Mar 2022

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 11am - 12pm

Week 4 - 28 Mar 2022

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 11am - 12pm

Week 5 - 04 Apr 2022

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 11am - 12pm

Vacation Week - 11 Apr 2022

Module/Topic	Chapter	Events and Submissions/Topic
	Relevant reading and content will be available on Moodle	Tutorial: Discussion and scenario specific related to lecture. Zoom, Friday 11am - 12pm

Week 6 - 18 Apr 2022

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 11am - 12pm

Week 7 - 25 Apr 2022

Module/Topic	Chapter	Events and Submissions/Topic
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Lecture: Musculoskeletal paediatrics

Relevant reading and content will be available on Moodle

Tutorial: Discussion and scenario specific related to lecture.
Zoom, Friday 11am - 12pm
On-Line Quiz Due: Week 7 Friday (29 April 2022)

Online quiz Due: Week 7 Friday (29 Apr 2022) 12:00 pm AEST

Week 8 - 02 May 2022**Module/Topic****Chapter****Events and Submissions/Topic****Lecture 8: Plagiocephaly**

Relevant reading and content will be available on Moodle

Tutorial: Discussion and scenario specific related to lecture.
Zoom, Friday 11am - 12pm

Week 9 - 09 May 2022**Module/Topic****Chapter****Events and Submissions/Topic****Lecture 9: Torticollis and otitis media**

Relevant reading and content will be available on Moodle

Tutorial: Discussion and scenario specific related to lecture.
Zoom, Friday 11am - 12pm

Week 10 - 16 May 2022**Module/Topic****Chapter****Events and Submissions/Topic****Lecture 10: Colic**

Relevant reading and content will be available on Moodle

Tutorial: Discussion and scenario specific related to lecture.
Zoom, Friday 11am - 12pm
Practical on campus activity 1 x 4 hours

Week 11 - 23 May 2022**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 11am - 12pm
Practical on campus activity 1 x 4 hours

On-campus Activity Due: Week 11 Monday (23 May 2022) 11:59 pm AEST

Week 12 - 30 May 2022**Module/Topic****Chapter****Events and Submissions/Topic****Lecture 12: Paediatrics History & Examination**

Tutorial: Discussion and scenario specific related to lecture.
Zoom, Friday 11am - 12pm

Review/Exam Week/End of Term Test - 06 Jun 2022**Module/Topic****Chapter****Events and Submissions/Topic**

End of Term Test Due: Review/Exam Week Monday (6 June 2022) 9:00 am AEST

Review/Exam Week/End of Term Test - 13 Jun 2022**Module/Topic****Chapter****Events and Submissions/Topic**

Term Specific Information

There will be 2 x 4 hour practical residential days, scheduled with paediatric and pregnancy specialty chiropractors during the term.

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 in the session, creating an outline of an appropriate physical examination for a paediatric patient and a separate one for a pregnant patient (one for each session). The outline of an appropriate physical examination will demonstrate an understanding and accommodation of the patient being assessed with justification for decisions made. This task will be presented in small groups in the class and later submitted via Moodle. This submission should be referenced.

Part B

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. This 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) 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 reflection report. These practical's and reflection report 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.

Assessment Due Date

Week 11 Monday (23 May 2022) 11:59 pm AEST

Return Date to Students

Week 12 Friday (3 June 2022)

Weighting

20%

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

- [Vancouver](#)

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 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 Monday (6 June 2022) 9:00 am AEST

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

Return Date to Students

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

- [Vancouver](#)

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.

3 Online quiz

Assessment Type

Online Quiz(zes)

Task Description

Task Description The purpose of this MCQ quiz 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. 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 (29 Apr 2022) 12:00 pm AEST

Quiz open for 24 hours

Return Date to Students

Quiz closes Saturday 12pm

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

- [Vancouver](#)

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.

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