



# MDWF14002 *Pharmacology for Midwifery Practice*

## Term 1 - 2024

Profile information current as at 05/05/2024 03:52 pm

All details in this unit profile for MDWF14002 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 have the opportunity to gain theoretical knowledge in pharmacology relating to maternal, fetal and neonatal physiology for midwifery practice. This will include the use and effect of over the counter and prescribed medications, and illicit substances upon the mother, placenta, fetus and neonate. You will develop your midwifery knowledge of pharmacotherapeutics and the quality use of medicines to inform effective care across the childbearing continuum.

### Details

Career Level: *Undergraduate*

Unit Level: *Level 4*

Credit Points: 6

Student Contribution Band: 7

Fraction of Full-Time Student Load: 0.125

### Pre-requisites or Co-requisites

Pre-requisites: MDWF13003 Midwifery Practice 3, and MDWF13008 Foundations of Midwifery 3 and MDWF13007 Midwifery Practice for Aboriginal and Torres Strait Islander Families

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 - 2024

- Online

### 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 Undergraduate 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. **Online Quiz(zes)**

Weighting: 40%

#### 2. **Case Study**

Weighting: 60%

### 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](#).

## Unit Learning Outcomes

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

1. Demonstrate a sound understanding of pharmacology, pharmacokinetics and pharmacodynamics, inclusive of over the counter and prescribed medications and illicit substances, as related to maternal, placental/fetal and neonatal physiology for midwifery practice
2. Demonstrate sound numeracy and mathematical calculation skills to correctly administer and critically evaluate medication orders for women and their infants
3. Critically evaluate the physiological and psychological effects of medication administration on the maternal, fetal or neonatal wellbeing to determine the effectiveness of treatment
4. Critically appraise the role of the midwife in the use of pharmacological therapies during the childbearing continuum.

### **Draft ANMAC Midwifery Education Standards.**

Standard 3: Program of study.

### **NMBA Code of Conduct.**

Principle 1: Legal compliance.

Principle 2: Woman centred practice.

Principle 3: Cultural practice and respectful relationships.

Principle 4: Professional behaviour.

Principle 6: Research in health.

Principle 7: Health and wellbeing.

### **NMBA Standards for Practice.**

Standard 1: Promotes health and wellbeing through evidence based midwifery practice.

Standard 2: Engages in professional relationships and respectful partnerships.

Standard 3: Demonstrates the capability and accountability for midwifery practice.

Standard 4: Undertakes comprehensive assessments.

Standard 5: Develops a plan for midwifery practice.

Standard 6: Provides safety and quality in midwifery practice.

Standard 7: Evaluates outcomes to improve midwifery practice.

### **ICM code of Ethics.**

1. Midwifery relationships

2. Practice of midwifery.

3. Professional responsibilities of midwives.

4. Advancement of midwifery knowledge and practice.

**NPS Competencies Required to Prescribe Medicines:** All competency areas apply.

**NSQHSS:** All standards apply.

**National Nursing and Midwifery Digital Health Capability Framework**

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Online Quiz(zes) - 40%	•	•	•	•
2 - Case Study - 60%	•	•	•	•

### Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	2	3	4
1 - Communication	•	•	•	•
2 - Problem Solving		•	•	•
3 - Critical Thinking	•	•	•	•
4 - Information Literacy	•	•	•	•
5 - Team Work			•	•
6 - Information Technology Competence	•	•	•	•
7 - Cross Cultural Competence		•	•	•
8 - Ethical practice	•	•	•	•
9 - Social Innovation				•
10 - Aboriginal and Torres Strait Islander Cultures				

## Textbooks and Resources

### Textbooks

MDWF14002

#### Prescribed

##### **Fundamentals of Pharmacology for Midwives**

Edition: 1st ed. (2022)

Authors: Ian Peate and Cathy Hamilton

Wiley Blackwell

Hoboken , NJ , USA

ISBN: 9781119649236

Binding: Paperback

MDWF14002

#### Prescribed

##### **Midwifery:Preparation for Practice**

Edition: 5th ed. (2023)

Authors: Pairman, S., Tracy, S., Dahlen, H., Dixon, L.

Elsevier Australia

Sydney , NSW , Australia

ISBN: 9780729597852

Binding: Paperback

#### Additional Textbook Information

Available as an e-copy from the CQU library

[View textbooks at the CQUniversity Bookshop](#)

### IT Resources

#### You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Computer - ability to access study materials, including instructional videos and scan and upload assessment.
- Headphones or speaker, a microphone
- Scanner and printer (Distance students only)

## 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

**Bridget Ferguson** Unit Coordinator

[b.ferguson@cqu.edu.au](mailto:b.ferguson@cqu.edu.au)

## Schedule

### Week 1 - 04 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
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Midwifery & medications - an overview

Chapter 33, pages 796-798 - 'Pharmacology and Prescribing' by M. Hunter and D. Davis, in *Midwifery Preparation for Practice*, edited by S. Pairman, S. K. Tracy, H. G. Dahlen and L. Dixon. Elsevier 2023.  
Chapters 1 & 4 - Peate, I., & Hamilton, C. (2022). *Fundamentals of Pharmacology for Midwives*. United Kingdom, Wiley.  
Study guide - week 1 readings

#### Week 2 - 11 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
Law, medicines, and the midwife	'Scope of Midwifery Prescribing' pages 796-797: in <i>Midwifery Preparation for Practice</i> , edited by S. Pairman, S. K. Tracy, H. G. Dahlen and L. Dixon. Elsevier 2023. Study guide - week 2 readings	

#### Week 3 - 18 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
What is Pharmacology?	Chapters 5 & 6 - Peate, I., & Hamilton, C. (2022). <i>Fundamentals of Pharmacology for Midwives</i> . United Kingdom, Wiley.  Study guide - week 3 readings	

#### Week 4 - 25 Mar 2024

Module/Topic	Chapter	Events and Submissions/Topic
Medicines during pregnancy	Chapters 9, 15, 16, & 19 - Peate, I., & Hamilton, C. (2022). <i>Fundamentals of Pharmacology for Midwives</i> . United Kingdom, Wiley. Please read pages 472-477 - 'Micronutrients' and pages 800-808 - 'Folic Acid' in <i>Midwifery Preparation for Practice</i> , edited by S. Pairman, S. K. Tracy, H. G. Dahlen and L. Dixon. Elsevier 2023. Study guide - week 4 readings	

#### Week 5 - 01 Apr 2024

Module/Topic	Chapter	Events and Submissions/Topic
Medicines during childbirth	Chapters 8, & 10 - Peate, I., & Hamilton, C. (2022). <i>Fundamentals of Pharmacology for Midwives</i> . United Kingdom, Wiley. Study guide - week 5 readings	Practice Quiz

#### Vacation Week - 08 Apr 2024

Module/Topic	Chapter	Events and Submissions/Topic
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#### Week 6 - 15 Apr 2024

Module/Topic	Chapter	Events and Submissions/Topic
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Chapters 20 & 24 - Peate, I., & Hamilton, C. (2022). *Fundamentals of Pharmacology for Midwives*. United Kingdom, Wiley.

Please read pages 775-776 - 'Lactation Insufficiency' in *Midwifery Preparation for Practice*, edited by S. Pairman, S. K. Tracy, H. G. Dahlen and L. Dixon. Elsevier 2023.

Please read Chapter 33, pages 813 - 814 'Postpartum Contraception' in *Midwifery Preparation for Practice*, edited by S. Pairman, S. K. Tracy, H. G. Dahlen and L. Dixon. Elsevier 2023.

Please read Pages 828-837, Chapter 34 'Contraception' by Foran in *Midwifery Preparation for Practice*, Vol. 2, (2023) edited by S. Pairman, S. K. Tracy, H. G. Dahlen and L. Dixon. Elsevier

Study guide - week 6 readings

### Week 7 - 22 Apr 2024

Module/Topic	Chapter	Events and Submissions/Topic
Medicines during pregnancy with a pre-existing disease	<p>Chapters - 13: pages 208-219, 14: pages 223-224, 232-234, &amp; 17: pages 277-284: Peate, I., &amp; Hamilton, C. (2022). <i>Fundamentals of Pharmacology for Midwives</i>. United Kingdom, Wiley.</p> <p>Pages 928-929 of Pairman et al.- <i>Midwifery Preparation for Practice</i> (2023) 'Thyroid Disease' in Chapter 37 Challenges in Pregnancy by Donaldson &amp; Dixon</p> <p>Pages 937-938 of Pairman et al.- <i>Midwifery Preparation for Practice</i> (2023) 'Epilepsy' in Chapter 37 Challenges in Pregnancy by Donaldson &amp; Dixon</p> <p>Study guide - week 7 readings</p>	Quiz 1

### Week 8 - 29 Apr 2024

Module/Topic	Chapter	Events and Submissions/Topic

Medicines for disordered physiology during the childbearing continuum

- Pages 163-180 Chapter 11 (Medications and the cardiovascular system) in: Fundamentals of Pharmacology for Midwives (2022).
- Pages 330-349 Chapter 21 (Medications and sexually transmitted infections) in: Fundamentals of Pharmacology for Midwives (2022).
- Pages 364-389 Chapter 23 (Medications used in emergency midwifery situations) in: Fundamentals of Pharmacology for Midwives (2022). Tweet, M. S., Lewey, J., Smilowitz, N. R., Rose, C. H., & Best, P. J. (2020). Pregnancy-associated myocardial infarction: prevalence, causes, and interventional management. *Circulation: Cardiovascular Interventions*, 13(11), e008687.

Beech, A., & Mangos, G. (2021). Management of hypertension in pregnancy. *Australian Prescriber*, 44(5), 148.

Regitz-Zagrosek, V., Roos-Hesselink, J. W., Bauersachs, J., Blomström-Lundqvist, C., Cifkova, R., De Bonis, M., ... & Warnes, C. A. (2018). 2018 ESC guidelines for the management of cardiovascular diseases during pregnancy: the task force for the management of cardiovascular diseases during pregnancy of the European Society of Cardiology (ESC). *European heart journal*, 39(34), 3165-3241.  
Study guide - week 8 readings

### Week 9 - 06 May 2024

Module/Topic	Chapter	Events and Submissions/Topic
Medicines and Perinatal Mental Health	Chapter 18, pages 289 - 297, 'Medications and Mental Health', in Fundamentals of Pharmacology for Midwives (2022). Pages: 849-852 'Perinatal Mental Health Issues' of Chapter 35 by Schmied and Dixon, in Pairman (2023). Study guide - week 9 readings	

### Week 10 - 13 May 2024

Module/Topic	Chapter	Events and Submissions/Topic
Complementary and Alternative Medicines (CAM), and Over-the-Counter Medications.	Pages 266 - 267 in Peate, I., & Hamilton, C. (2022). Fundamentals of Pharmacology for Midwives. United Kingdom, Wiley. Pages 797-798, Chapter 33: 'Medication History' & page 804, 'Non-Steroidal Anti-Inflammatory Drugs' by M. Hunter and D. Davis, in Midwifery Preparation for Practice, Vol. 2, (2023) edited by S. Pairman, S. K. Tracy, H. G. Dahlen and L. Dixon. Elsevier Study guide - week 10 readings	



## Week 11 - 20 May 2024

Module/Topic	Chapter	Events and Submissions/Topic
Illicit Substances	<p>Chapter 22 - Peate, I., &amp; Hamilton, C. (2022). Fundamentals of Pharmacology for Midwives. United Kingdom, Wiley.</p> <p>Page 853 – 857 of Chapter 35 by Schmied, V., &amp; Dixon, L. (2023). 'Alcohol &amp; substance misuse during pregnancy'. In S. Pairman, S. K. Tracy, H. Dahlen, &amp; L. Dixon (Eds.), Midwifery Preparation for Practice (5th ed., Vol. 2). Sydney Australia: Elsevier.</p> <p>Flykt, M. S., Salo, S., &amp; Pajulo, M. (2021). "A Window of Opportunity": Parenting and Addiction in the Context of Pregnancy. Current addiction reports 8(4), 578-594. doi:10.1007/s40429-021-00394-4</p> <p>Suchman, N. E., DeCoste, C. L., McMahon, T. J., Dalton, R., Mayes, L. C., &amp; Borelli, J. (2017). Mothering From the Inside Out: Results of a second randomised clinical trial testing a mentalization-based intervention for mothers in addiction treatment. Development and psychopathology, 29(2), 617-636. doi:10.1017/S0954579417000220</p> <p>Study guide - week 11 readings</p>	<p>Written Assessment - Case Study due</p> <p><b>Written Assessment - Case Study</b> Due: Week 11 Friday (24 May 2024) 6:00 pm AEST</p>

## Week 12 - 27 May 2024

Module/Topic	Chapter	Events and Submissions/Topic
Medication Administration for Neonates	<p>Please read pages 724-725 of Preparation for Midwifery Practice (2023) 'Clotting factors and vitamin K synthesis - Vitamin K deficiency bleeding' by Davies and Baddock.</p> <p>Study guide - week 12 readings</p>	

## Review/Exam Week - 03 Jun 2024

Module/Topic	Chapter	Events and Submissions/Topic
		Quiz 2

## Exam Week - 10 Jun 2024

Module/Topic	Chapter	Events and Submissions/Topic
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## Assessment Tasks

### 1 Online Quizzes

#### Assessment Type

Online Quiz(zes)

#### Task Description

#### Assessment 1 - Online Quizzes x 2

#### Number of Quizzes - 2.

To be held - After the first two and the last two modules.

#### Due dates:

- Quiz 1: opens 8 am (AEST) Monday 22nd of April 2024 (week 7). Closes Friday 26th of April at 5 pm AEST
- Quiz 2: opens 8 am (AEST) Monday 3rd of June 2024 (week 13). Closes Friday 7th of June at 5 pm AEST.

Unit Coordinator: Bridget Ferguson

#### Aim

The purpose of the online quizzes is to challenge your knowledge and understanding of the concepts that underpin pharmacology and midwifery practice. Each quiz will be available for one (1) week and must be completed by the closing date listed above.

**Instructions:**

You are completing two (2) online quizzes. Each quiz will assess your knowledge and understanding of the MDWF14002 unit topics.

Topics examined:

Quiz 1 -Modules 1 & 2 (weeks 1 to 6).

Quiz 2 - Modules 3 & 4 (weeks 7 to 12)

**Important Information:**

Please access the quiz via the Assessment portal on the Moodle site.

Each quiz is individually worth 20%.

The quiz consists of 20 multiple-choice and drug calculation questions. Each question is worth one (1) mark.

This is not an open-book quiz. You can use a calculator for the drug calculation questions during your attempt.

You have a maximum of 30 minutes to complete the quiz.

You must complete the quiz in one sitting.

Once you start the quiz, you must complete it in 30 minutes.

The quiz will automatically close at the end of 30 minutes and will submit your result even if you have not finished.

Students are allowed two attempts. The second attempt will open 60 minutes after the end of the first attempt.

The highest grade you achieve will serve as your final mark for the quiz.

A cumulative total of 50% across both quizzes is required to pass this assessment.

Without an approved extension, the task cannot be completed after the assigned date.

Marks will be available when the quiz closes.

**Number of Quizzes**

2

**Frequency of Quizzes**

Other

**Assessment Due Date**

Each quiz will open on the Monday of the associated week at 0800 hrs AEST.

**Return Date to Students**

Quiz marks will be available to students when the quiz closes.

**Weighting**

40%

**Minimum mark or grade**

50%

**Assessment Criteria**

NA

**Referencing Style**

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

**Submission**

Online

**Learning Outcomes Assessed**

- Demonstrate a sound understanding of pharmacology, pharmacokinetics and pharmacodynamics, inclusive of over the counter and prescribed medications and illicit substances, as related to maternal, placental/fetal and neonatal physiology for midwifery practice
- Analyse and understand the National Prescribing Service (NPS): Competencies Required to Prescribe Medicines within the midwifery scope of practice, and demonstrate the principles of safe and quality medication use
- Demonstrate sound numeracy and mathematical calculation skills to correctly administer and critically evaluate medication orders for women and their infants
- Critically evaluate the physiological and psychological effects of medication administration on the maternal, fetal or neonatal wellbeing to determine the effectiveness of treatment
- Critically appraise the role of the midwife in the use of pharmacological therapies during the childbearing continuum.

## Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice
- Social Innovation

## 2 Written Assessment - Case Study

### Assessment Type

Case Study

### Task Description

#### **Assessment 2 - Case Study**

Due date: week 11 – Friday the 24th of May 2024, 6 PM AEST

Weighting: 60%

Length: 2500 words (+/- 10%)

Unit Coordinator: Bridget Ferguson

### Learning Outcomes Assessed

- 1) Demonstrate a sound understanding of pharmacology, pharmacokinetics, and pharmacodynamics related to maternal, placental/fetal, and neonatal physiology for midwifery practice.
- 2) Demonstrate sound mathematical calculation skills to correctly administer and critically evaluate medication orders for women and their infants.
- 3) Critically evaluate the physiological and psychological effects of medication administration on maternal, fetal, or neonatal well-being to determine the effectiveness of treatment.
- 4) Critically appraise the midwife's role in using pharmacological therapies during the childbearing continuum.

### Aim

This assessment aims to demonstrate your knowledge and understanding of safe medication management in the Australian context across the childbearing continuum. You will understand the midwife's role in providing a woman-centred and multidisciplinary approach to ensuring safe outcomes for the pregnant woman and her baby.

### Instructions

Using a midwifery perspective, you will analyse the case study provided and write an academic paper answering all assessment components. Using this approach, you will demonstrate that you have read up-to-date evidence, including various Australian guidelines and the NMBA (2018) Midwife Standards of Practice, to support safe woman-centred midwifery practice.

### **Case Study: Jane's Pregnancy and Medication Management**

You are caring for Jane, a 30-year-old woman who is pregnant with her second child. She has a history of mild asthma and usually takes a salbutamol inhaler (short-acting beta-agonist) for symptom relief. At 26 weeks gestation, Jane was diagnosed with gestational diabetes and prescribed insulin therapy. Jane is now 32 weeks gestation and is experiencing a marked exacerbation of her Asthma. She has been prescribed oral Prednisolone, a corticosteroid, daily as a part of her medication regime to manage the Asthma. Jane is concerned about this as she has been experiencing higher than normal blood glucose levels since commencing the Prednisolone.

### **Assessment Questions:**

1. Critically evaluate the implications of gestational diabetes and the rationale behind insulin therapy for the mother and fetus.
2. Identify the potential risks and benefits of Jane's use of Prednisolone for asthma.
3. Critically discuss the implications of steroid use in pregnancy, its effects on gestational diabetes and the impacts on the mother, fetus, and neonate. Provide midwifery advice to Jane in preparation for a neonate born to a diabetic mother.
4. Complete Jane's medication calculations and show your mathematical work.

### **Drug Calculation One: Insulin Dosage Calculation**

Jane has been prescribed a Mixtard Insulin Flex pen. Jane's weight in kilograms is 70kg.

1. Calculate the Total Daily Insulin Dose (TDID) in units using the weight-based formula:

$TDID = \text{Weight in kg} \times 0.3 \text{ units/kg/day}$

2. Divide the TDID into basal (bedtime) and bolus (postprandial/three times per day) insulin doses based on the recommended ratio:

- Basal Insulin: 40% of TDID:

- Bolus Insulin: 60% of TDID:

3. Determine the amount of insulin administration per dose:

- Basal Insulin: Administered once daily (e.g., at bedtime). How many units are given at bedtime?
- Bolus Insulin: Administered before each meal (e.g., three times daily). How many units are given at each postprandial administration?

### **Drug Calculation Two: Salbutamol Inhaler Dosage Calculation**

The prescribed dose of salbutamol metered dose inhaler is 100 mcg/spray. The frequency of administration based on Jane's needs and the prescriber's instructions is two puffs every 4 hours.

1. Calculate the total daily dose based on the frequency of administration.
2. Convert the total daily dose to milligrams (mg) using the appropriate conversion factors.

### **Literature and references**

In this assessment, use at least ten contemporary references (<5 years) to support your discussion. You may also use seminal scholarly literature where relevant. Suitable references include peer-reviewed journal articles, textbooks, and credible websites. When sourcing information, consider the five elements of a quality reference: currency, authority, relevance, objectivity, and coverage. Grey literature from the internet must be from reputable websites such as government, university, or peak national bodies, such as the Australian College of Midwifery.

### **Requirements**

- Use a conventional and legible size 12 font, such as Times New Roman or Arial, with double line spacing and 2.54cm page margins (standard pre-set margin in Microsoft Word).
- Include page numbers on each page in a footer.
- Write in the third-person perspective.
- Use formal academic language.
- Use the seventh edition American Psychological Association (APA) referencing style. The CQUniversity Academic Learning Centre has an online APA Referencing Style Guide.
- The word count is considered from the introduction's first word to the conclusion's last word. The word count excludes the reference list but includes in-text references and direct quotations.

### **Resources**

- You can reference your argument using unit-provided materials and other credible sources (e.g., journal articles, books). The quality and credibility of your citations are essential.
- We recommend that you access your discipline-specific library guide: Nursing and Midwifery Resource Guide.
- We recommend you use EndNote to manage your citations and reference list. More information on how to use EndNote is available at the CQUniversity Library website.
- For information on academic communication, please go to the Academic Learning Centre Moodle site. The Academic Communication section has many helpful resources, including information for students with English as a second language.
- Submit a draft before the due date to review your Turnitin Similarity Score before making a final submission. Instructions are available here.

### **Submission**

Submit your assessment via the unit Moodle site in Microsoft Word format only. If you need help with submission, please contact the CQU helpdesk at (07) 49309090.

Support and Contact Details: Unit Coordinator – Bridget Ferguson - Phone number (07) 4930 9158 and e-mail b.ferguson@cqu.edu.au

### **Marking Criteria**

Refer to the marking rubric on the Moodle site for more details on how marks will be assigned.

### **Assessment Due Date**

Week 11 Friday (24 May 2024) 6:00 pm AEST

Please submit your assessment via the unit Moodle site in Microsoft Word format only.

### **Return Date to Students**

Exam Week Friday (14 June 2024)

Please allow for up to two weeks post the due date for the return of marked assessments.

### **Weighting**

60%

### **Assessment Criteria**

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<b>Structure &amp; Calculation (20%)</b>	<b>4.23-5.0%</b> Clear and succinct introduction that introduces the topic and outlines the direction of the paper. <b>(5%)</b>	<b>3.73-4.22%</b> Clear and appropriate introduction that introduces the topic and outlines the direction of the paper.	<b>3.23-3.72%</b> Appropriate introduction that introduces the topic and outlines the direction of the paper.	<b>2.48-3.22%</b> The introduction is apparent, and the topic is introduced but there is no clear direction to the paper.	<b>0.0-2.47%</b> No recognisable introduction to the topic is not introduced, and/or there is no direction for the paper.
	<b>4.23-5.0%</b> A clear and succinct conclusion that outlines the main points and brings the argument to a logical close. <b>(5%)</b>	<b>3.73-4.22%</b> A clear and appropriate conclusion that outlines the main points and draws the argument close.	<b>3.23-3.72%</b> The conclusion outlines most of the main points and brings some sense of closure.	<b>2.48-3.22%</b> The conclusion is apparent, outlines most of the main points, and endeavours to bring the argument to a close. There may be some incongruity.	<b>0.0-2.47%</b> No recognisable conclusion little reference to the main points and no clear conclusion to the paper.
	Excellent presentation of assignment double-spaced with 12-point font. Consistently accurate with spelling, grammar, and paragraph structure. The calculations are correct. <b>Content is students own work. (10%) 20-17</b>	A well-presented assignment that is double spaced with 12-point font. 1 or 2 errors in spelling, grammar, and paragraph structure. The calculations are correct. <b>Content is students own work. 16.8-15</b>	A well-presented assignment that is double spaced with 12-point font. 3 or 4 consistent errors with spelling, grammar, and paragraph structure. The calculations are correct. <b>Content is students own work.14.8-13</b>	An adequately presented assignment that is double spaced with 12-point font. 4 or 5 inconsistent errors in spelling, grammar, and paragraph structure. The calculations are correct. <b>Content is students own work. 12.9-10</b>	Poorly presented assignment. Double spacing is not used. 12point font not used. Many inaccuracies in spelling, grammar, and paragraph structure. (> 5 errors). The calculations are incorrect. <b>Content is not the students own work. 9-0</b>
<b>Approach &amp; Argument (70%)</b>	Content is clearly relevant to the topic; the approach comprehensively answers the questions, and the argument proceeds logically and is within the set word limit. <b>(10%) 10-8.5</b>	Content is relevant to the topic; the approach clearly answers the questions, and the argument proceeds logically and is within the set word limit. <b>8.4-7.5</b>	Content is appropriate and answers the questions, and the argument mainly proceeds logically and is within the set word limit. <b>7.4-6.6</b>	Content answers the questions; the argument is sometimes repetitive or lacks cohesion and is within the set word limit with a 10% allowance (under or over the set limit). 6.4-5	Content is irrelevant and does not answer the questions, and the argument lacks cohesion. The word limit has not been adhered to; the word limit is well over or under the 10% allowance. <b>4.9-0</b>
	A comprehensive exploration of the implications of gestational diabetes and a clear, evidence-based rationale and explanation for using insulin therapy in Jane's case. <b>(20%) 20-17</b>	An insightful exploration of the implications of gestational diabetes and a clear, evidence-based rationale and explanation for using insulin therapy in Jane's case. <b>16.8-15</b>	An appropriate and logical exploration of the implications of gestational diabetes and an evidence-based rationale and explanation for using insulin therapy in Jane's case. <b>14.8-13</b>	A basic exploration of the implications of gestational diabetes and an evidence-based rationale and explanation for using insulin therapy in Jane's case. <b>12.9-10</b>	A limited and irrelevant exploration of the implications of gestational diabetes and a clear, discerning, evidence-based rationale and explanation for using insulin therapy in Jane's case. <b>9-0</b>

Comprehensive identification and explanation of potential risks and benefits of Prednisolone use for asthma management **(20%) 20-17**

A well-developed and insightful identification and explanation of potential risks and benefits associated with Prednisolone use for asthma management. **16.8-15**

Appropriate and logical identification and explanation of potential risks and benefits associated with Prednisolone use for asthma management. **14.8-13**

Basic identification and explanation of potential risks and benefits of Prednisolone use for asthma management. **12.9-10**

Limited or irrelevant identification and explanation of potential risks and benefits associated with Prednisolone use for asthma management. **9-0**

A comprehensive analysis and thorough evaluation of the implications of steroid use in pregnancy, its effects on gestational diabetes and the impacts on the mother, fetus, and neonate. Comprehensive and appropriate midwifery advice is provided in preparation for the birth of a neonate to a diabetic mother. (20%) **20-17**

A well-developed evaluation of the implications of steroid use in pregnancy, its effects on gestational diabetes and the impacts on the mother, fetus, and neonate. Insightful and appropriate midwifery advice is provided in preparation for the birth of a neonate to a diabetic mother. **16.8-15**

An appropriate and logical evaluation of the implications of steroid use in pregnancy, its effects on gestational diabetes and the impacts on the mother, fetus, and neonate. Relevant and appropriate midwifery advice is provided in preparation for the birth of a neonate to a diabetic mother. **14.8-13**

A basic evaluation of implications of steroid use in pregnancy, its effects on gestational diabetes and the impacts on the mother, fetus, and neonate. Appropriate midwifery advice is provided in preparation for the birth of a neonate to a diabetic mother. **12.9-10**

A limited and irrelevant evaluation of the implications of steroid use in pregnancy, its effects on gestational diabetes and the impacts on the mother, fetus, and neonate. Inappropriate or limited midwifery advice is provided in preparation for the birth of a neonate to a diabetic mother. **9-0**

**Referencing (10%)**

Consistently integrates up-to-date references to support and reflect all ideas, factual information and quotations. **(5%) 5.00 - 4.23**

Generally, it integrates up-to-date references to support and reflect ideas, factual information and quotations, with 1 or 2 exceptions. **4.22 -3.73**

Frequently integrates up-to-date references to support and reflect ideas, factual information and quotations, with 3 or 4 exceptions. **3.72 - 3.23**

Occasionally integrates up-to-date references to support and reflect ideas, factual information and quotations, with 5 or 6 exceptions. **3.22 - 2.26**

Fails to or infrequent attempts (>7 errors) to integrate up-to-date references to support and reflect ideas, factual information and quotations. **2.25 - 0.00**

Consistently accurate with referencing. A minimum of 10 references were used, and relevant websites. **(5%) 5.00 - 4.23**

1 or 2 consistent referencing errors were identified. A minimum of 9 relevant websites. **4.22 -3.73**

3 or 4 constant referencing errors were identified. A minimum of 8 -7 references used and relevant websites. **3.72 - 3.23**

4 or 5 inconsistent referencing errors were identified. A minimum of 5 to 6 references were used, and relevant websites. **3.22 - 2.26**

Many inaccuracies with referencing (>5). Less than five references were used. Relevant websites are not included. **2.25 - 0.00**

**Referencing Style**

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

**Submission**

Online

**Submission Instructions**

Please submit via the assessment upload zone on the Moodle unit page in Microsoft Word format only

**Learning Outcomes Assessed**

- Demonstrate a sound understanding of pharmacology, pharmacokinetics and pharmacodynamics, inclusive of over the counter and prescribed medications and illicit substances, as related to maternal, placental/fetal and neonatal physiology for midwifery practice
- Analyse and understand the National Prescribing Service (NPS): Competencies Required to Prescribe Medicines within the midwifery scope of practice, and demonstrate the principles of safe and quality medication use
- Demonstrate sound numeracy and mathematical calculation skills to correctly administer and critically evaluate medication orders for women and their infants
- Critically evaluate the physiological and psychological effects of medication administration on the maternal, fetal or neonatal wellbeing to determine the effectiveness of treatment
- Critically appraise the role of the midwife in the use of pharmacological therapies during the childbearing continuum.

**Graduate Attributes**

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice
- Social Innovation

## 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