

MEDI 7043 DIABETES IN PAEDIATRICS, TRANSITION AND PREGNANCY

Credit Points 10

Legacy Code 401290

Coordinator Therese Fletcher ([https://directory.westernsydney.edu.au/search/name/Therese Fletcher/](https://directory.westernsydney.edu.au/search/name/Therese+Fletcher/))

Description The physical and psychosocial developmental stage and age of the person with diabetes directly impacts on diabetes self-management, diabetes care and quality of life. This specialised subject will explore diabetes in the context of physical, psychological and social development with a focus on children, young adults and pregnant women. Ongoing family, therapeutic and social relationships are central to optimising diabetes management. Family, friends, peers, healthcare providers/organisations role will be examined in the ongoing holistic care and self-management of diabetes and prevention of diabetes complications. Students will evaluate the physiological impact of diabetes, treatment and emerging technology in the management of diabetes such as insulin pump therapy and continuous blood glucose monitoring systems. Accessing and interpreting data for the overall management of diabetes will be undertaken in this subject.

School Medicine

Discipline General Medicine

Student Contribution Band HECS Band 3 10cp

Level Postgraduate Coursework Level 7 subject

Pre-requisite(s) MEDI 7039 AND

MEDI 7041 AND

MEDI 7040 AND

MEDI 7042

Restrictions

Students must be enrolled in the a postgraduate program with evidence of 12 month clinically relevant practice or substantial experience in working with people with diabetes.

Assumed Knowledge

Advanced knowledge in diabetes care and skills, Graduate Certificate in Diabetes.

Learning Outcomes

On successful completion of this subject, students should be able to:

1. Examine the aetiology, pathophysiology and clinical management of Diabetes in children, young adults and pregnant women.
2. Utilise current guidelines in balancing nutritional, physical activity and medication requirements for children, young adults and pregnant women with different types of diabetes in optimising their health status and support diabetes self-management.
3. Assess the impact on diabetes management in relation to the physiological, psychological and social/cultural developmental stages across the life span.
4. Formulate a person-centred approach in planning care taking into account the developmental and life stages of individuals and families.

5. Consider the implication of using emerging technology and devices for children in the management of diabetes.

Subject Content

- Diabetes in children and young adults
- Diabetes in pregnancy
- Psychological and social/cultural impact of diabetes on children, young adults and pregnant women
- Emerging technology in the management of diabetes

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Type	Length	Percent	Threshold	Individual/Group Task
Online quiz x3	20 mins x3	30	N	Individual
Presentation paediatrics	20 minutes	25	N	Individual
Case Study Transition	2,500 words	45	N	Individual

Teaching Periods