

Unit Outline (Higher Education)

Institute / School: Institute of Health and Wellbeing

Unit Title: Neonates Requiring Extra Care

Unit ID: MIDBM3107

Credit Points: 15.00

Prerequisite(s): (MIDBM3106)

Co-requisite(s): Nil

Exclusion(s): Nil

ASCED: 060303

Description of the Unit:

This unit will prepare students with the theoretical knowledge and skills to assess, examine and initiate emergency management on the newborn infant. Anatomy and physiology relating to the newborn infant, and infant nutrition will be explored. Students will develop an understanding of multidisciplinary care and collaborative practice in the management of unwell neonates in a Special Care Nursery. In addition, students will develop an understanding of the socio-cultural elements surrounding the care of the unwell newborn and their families.

Grade Scheme: Graded (HD, D, C, P, MF, F, XF)

Work Experience:

No work experience

Placement Component: Yes - days

Supplementary Assessment: Yes

Where supplementary assessment is available a student must have failed overall in the Unit but gained a final mark of 45 per cent or above, has completed all major assessment tasks (including all sub-components where a task has multiple parts) as specified in the Unit Description and is not eligible for any other form of supplementary assessment.

Course Level:

Level of Unit in Course	AQF Level of Course					
	5	6	7	8	9	10
Introductory	■	■	■	■	■	■
Intermediate	■	■	✓	■	■	■
Advanced	■	■	■	■	■	■

Learning Outcomes:

Knowledge:

- K1.** Explore the social-cultural context in the provision of care to babies and their families in Australia and globally
- K2.** Examine the changes in anatomy and physiology of the fetus and newborn infant and describe successful adaptation to the extrauterine environment
- K3.** Identify the circumstances and conditions that may necessitate admission of a baby to a Special Care Nursery
- K4.** Describe the principles of stabilisation and emergency transfer of a compromised neonate to a tertiary setting
- K5.** Explore infant nutrition including supporting breastfeeding in special circumstances and the use of specialised equipment and formulas

Skills:

- S1.** Conduct a comprehensive assessment of the neonate and provide appropriate care
- S2.** Demonstrate knowledge and skills in neonatal resuscitation and stabilisation
- S3.** Employ reflective practice strategies to develop understanding of diverse midwifery practice and appreciate the roles and scope of the interdisciplinary team

Application of knowledge and skills:

- A1.** Apply strategies which promote and protect breast feeding and explore other feeding methods to support the newborn baby, both sick and well
- A2.** Evaluate the Special Care Nursery environment and its impact upon the woman, her baby and family
- A3.** Utilise the clinical decision making process to demonstrate evidence-based knowledge and understanding of the care required by the baby and the family
- A4.** Explore strategies to support the neurological development of premature neonates
- A5.** Demonstrate an appreciation of the family's need for privacy, dignity and respect, as well as their right to be informed and to make decisions regarding care of their baby
- A6.** Demonstrate midwifery competency based upon the NMBA Midwife Standards for Practice

Unit Content:

The ANMAC National Accreditation Standards for the Midwife (2021); NMBA National Competency Standards for the Midwife (2018); NMBA Code of Professional Conduct for the Midwife (2018) and International Code of Ethics for the Midwife (2014) have substantially informed the syllabus/content of this unit. Pre-existing maternal disease and effects on the fetus/neonate Revision of transition to extra uterine life Assessment of the neonate Admission to the Special Care Nursery (SCN), Levels of care Family centered care, parenting for vulnerable families Identifying the deteriorating baby Thermoregulation & neutral thermal environment (NTE) Respiratory distress, oxygen therapy Hypoglycaemia and infant of the diabetic mother Jaundice Sepsis Birth trauma, seizures and pain. The small and premature infant Developmental care Pharmacology, IV therapy, drug and fluid calculation Infant nutrition: breastfeeding: promoting, protecting, expressing and storing breast milk, specialist

formula Counselling the BF mother Feeding difficulties - neonatal causes Neonatal Abstinence Syndrome (NAS)
Congenital disorders Legal and ethical considerations

Learning Task and Assessment:

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K1, K2, K3, K4, K5, S1, A1, A2, A3, A4, A5, A6	Theoretical concepts and skills required to recognise and care for the unwell neonate.	Online activities.	15-25%
K1, K2, K3, K4, K5, S1, S2, S3, A1, A2, A3, A4, A5, A6	Theoretical concepts and skills required for care of the neonate including emergency response.	Test Part A - Objective Structured Clinical Test (OSCE). Part B - Written test.	Part A: 10-20% Part B: 50-60%
K1, K2, K3, K4, K5, S1, S2, S3, A1, A2, A3, A4, A5, A6	Satisfactory achievement of identified NMBA Midwife Standards for Practice in midwifery practice experiences. Assessment of Midwifery Practice (Compulsory PASS required).	Midwifery Practice Portfolio 1. Completion of five (5) Clinical Assessment Tools (CAT) to 'assisted-proficient' level. 2. Completion of 96 practice hours. Submit completed AMSAT.	5-15%
K1, K2, K3, K4, K5, S1, S2, S3, A1, A2, A3, A4, A5, A6	Successful completion of Objective Structured Clinical Test (OSCE)	Objective Structured Clinical Test (OSCE)	S/U Hurdle
K1, K2, K3, K4, K5, S1, S2, S3, A1, A2, A3, A4, A5, A6	Successful completion Midwifery Practice Portfolio 1. Completion of five (5) Clinical Assessment Tools (CAT) to 'assisted-proficient' level. 2. Completion of 96 practice hours. Submit completed AMSAT.	Midwifery Practice Portfolio	S/U Hurdle

Adopted Reference Style:

APA ()

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