

Unit Outline (Higher Education)

Institute / School: Institute of Health and Wellbeing

Unit Title: Complex Neonatal Care

Unit ID: HEALN6103

Credit Points: 30.00

Prerequisite(s): (HEALN6108)

Co-requisite(s): Nil

Exclusion(s): Nil

ASCED: 060303

Description of the Unit:

This unit requires Registered Nurses and Registered Midwives to further develop their knowledge, skills, critical thinking and leadership in the level 3-5 special care nursery (SCN) setting (Department of Health Victoria SCN levels, or equivalent in other states), with consideration given to family-centred and culturally safe care. This unit engages students to reflect and think critically to enhance, shape and build on their current neonatal knowledge and skills in the SCN. Students will develop a comprehensive understanding of high-quality evidence-based neonatal care to support their participation in education, leadership and research in improving neonatal outcomes. The level 3-5 SCN requires specialised nursing/midwifery, medical and interdisciplinary clinicians to care for neonates (and their families) with complex medical conditions. This includes sepsis, congenital conditions, respiratory support and advanced resuscitation; including short term management and stabilisation of critically ill neonates in preparation for transfer to a neonatal intensive care unit in the tertiary setting.

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

Work Experience:

No work experience

Placement Component: No

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.** Recognise the culturally rich diverse Australian community to enable safe, legal, ethical and respectful care to all peoples, especially Aboriginal and Torres Strait Islander people and communities
- K2.** Classify the aetiology and pathophysiology of complex neonatal conditions, related to unwell term infants and preterm neonates
- K3.** Anticipate circumstances and conditions where the neonate requires admission to the special care nursery including escalation of care and transfer to a tertiary setting
- K4.** Analyse rationale for advanced practice skills in managing complex neonatal conditions

Skills:

- S1.** Conduct comprehensive, systematic and holistic assessments of the neonate in developing plan of care in partnership with families, colleagues and local resources to achieve optimal outcomes
- S2.** Provide clear and consistent information and communicate effectively with families and colleagues
- S3.** Determine the need for advanced clinical skills and use of technology in the care of the neonate with complex needs
- S4.** Initiates advanced resuscitation measures and stabilisation of the neonate in emergency or time critical instances

Application of knowledge and skills:

- A1.** Formulate planned safe, quality and evidence-based care to the neonate which integrates clinical reasoning and collaboration with families
- A2.** Evaluate the special care nursery environment to reduce stress and discomfort, ensuring the promotion of individualised family-centred and developmentally supportive care which provides opportunities for early bonding/attachment and breastfeeding
- A3.** Engages in ongoing process of self-assessment through critical reflection and identification of learning needs to enhance, shape and improve clinical practice

Unit Content:

The ACNN Australian College of Neonatal Nurses Standards for Practice (2019); ANMAC Midwife Accreditation Standards (2021); NMBA Midwife Standards for Practice (2018); NMBA Code of Conduct for the Midwife (2018), Code of Ethics for the Midwife (2014), NMBA Registered Nurse Standards for Practice (2016); NMBA Code of Conduct for Nurses (2018) and Code of Ethics for Nurses (2012) have substantially informed the syllabus/content of this unit. Topics may be included Care of the small, preterm and complex neonate Respiratory conditions Non-invasive respiratory support Invasive respiratory support Cardiac conditions Neurological conditions Gastrointestinal conditions Advanced resuscitation skills Congenital Birth Defects Genetic and metabolic conditions Developmental care Complex Neonatal Medications Ethical considerations in neonatal care, including end of life care

Learning Task and Assessment:

| Learning Outcomes Assessed | Assessment Tasks | Assessment Type | Weighting |
|----------------------------|---|-----------------------------------|-----------|
| K2, K3, K4, S1, S3, S4 | Identification, analysis and care planning for a clinical scenario of the complex neonate, including aetiology, pathophysiology and management within a family centred care framework using current literature. | Written task - Complex case study | 30-50% |
| K1, S1, S2, A1, A2, A3 | Provide an explanation and education to family about a neonatal condition and associated management | Video Presentation | 20-40% |
| K2, K4, S3, A2 | Theoretical concepts and knowledge required in caring for the complex neonate | Online end of semester test | 30-40% |

Adopted Reference Style:

APA ()

Refer to the [library website](#) for more information

Fed Cite - [referencing tool](#)