Neonatal Nursing: Special Care - 6KNIN626

Level: 6
Credits: 15

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This handbook must be read in conjunction with module information provided on KEATS, the King’s E-Learning And Teaching Service. You will be given access to KEATS on enrolment. Important information relating to assessment and related regulations can be found in the Undergraduate Programme Handbook, available on KEATS and via the Student Services Centre.

This handbook can also be provided in alternative formats (such as large print) upon request to asc@kcl.ac.uk.


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**Module overview**

*This module forms part of the BSc Clinical Practice. The module contributes to your programme of study by developing your clinical and theoretical knowledge of neonatal nursing within the special care unit.*

**Module aim**

This course has been designed in partnership with NHS Trusts to enable nurses, nursery nurses and midwives working in neonatal units to provide safe, sensitive and effective care for infants and their families in special care areas.

**Learning outcomes**

At the end of the module the student will be able to:

- Discuss the role of the special care unit in relation to high dependency and intensive care units
- Evaluate current evidence based practice in the special care unit in relation to the infants who meet the criteria for level 1 admission
- Analyse the role of the nurse and the family as members of the multidisciplinary team in the special care unit
- Develop understanding of neonatal physiology and development
- Apply safe clinical skills to promote effective care of the neonatal and their family on the special care unit
- Evaluate current evidence based practice to underpin the application of family centred care within the special care unit
- Synthesise and evaluate evidence based information to underpin decision-making in the care of neonates and their families
- Analyse and evaluate communication skills which promote effective collaborative working between members of the team in the special care unit

**Teaching arrangements**

The module will be led by Lynne Wainwright along with input from expert colleagues from partner NHS Trusts.
**Submitting coursework**
For this module you are assessed by Lynne Wainwright.

**Assessment criteria**
There are 2 components to the assessment process: an essay (100%) and a Competency Assessment Document (CAD). Both components must be completed by the dates below. The essay will be graded in accordance with the post qualification marking criteria, and the CAD will be awarded a pass or fail. Failure to submit either component will result in a ‘fail’ grade. As per KCL regulations replacements must be requested through the mitigating circumstances request procedure (see post-registration handbook).

**Summative assessment**
A 2,500 word essay entitled:

“Critically analyse the evidence for an aspect care given to an infant and their family in SCBU”

The aim of the assignment is to enable you critically analyse, using evidence from the literature, the care that you provided to an infant receiving special care.

In planning the essay you will need to:
- Identify a baby you have cared for recently and demonstrate how they meet the criteria for special care
- Critically explore the chosen aspect of care and the evidence for / against the care that you provided for the infant and family (for example, receiving treatment for jaundice)
- Critically discuss how this episode impacted upon other aspects of their care
- Discuss the recommendations for practice / research
- Ensure that the episode of care is explored chronologically

Your essay must be appropriately structured and referenced using the JAN reference system (a guide can be found on the KCL website).
Coursework submission
Coursework submission are provided on the modules KEATS site. It is essential that you use your candidate number on all assignments/examinations. Your candidate number, which will begin with Y for the academic year 2017/18, will be available via Student Records on the King’s Intranet approximately one month after you enrol.

If you are unable to submit your work by the deadline please refer to the information in your programme handbook on “mitigating circumstances”. If you require further support in these circumstances you are advised to contact KCLSU.

Submission date for coursework: 10 April 2018; 11.59am

Submission date for competency document: 17 April 2018; 11.59am

Late submissions will be accepted for 24 hours following the submission date. All work submitted late will be marked as normal but will be capped at the pass mark for the module. If your assignment is a hard copy please ensure you date stamp it and submit it to the submission room G15 James Clerk Maxwell Building. If your assignment is submitted electronically through TurnItIn, information about how to submit late will be provided on KEATS module sites under assessment information. Please label the file with your candidate number and double-check you have submitted the correct file.

The external examiner for this module is Nathalie Turville. Students are not to make direct contact with external examiners, in particular regarding their individual performance in assessments.

The College and its Examination Boards in the ten Faculties (Institutes/Schools, King’s Learning Institute and the Association of King’s College (AKC), work with over 500 external examiners to ensure the quality and standard of our taught awards. Find the latest report on the External Examiners Report page, navigate to the Faculty of Nursing and Midwifery section.

Results and resubmissions for coursework
Students will receive a provisional (unratified) mark for their coursework 4 weeks following submission. According to the method of submission as detailed on your KEATS site, if your work was submitted online you will be able to download marked coursework from KEATS; alternatively, if you completed a hard copy submission you can collect your coursework and feedback from the Student Services Centre.

To collect a hard copy assignment, you must provide your candidate number. Alternatively, you may send a stamped addressed envelope to the Student Services Centre ensuring that this is large enough to accommodate your assignments and that you have applied sufficient postage. Hard copy assignments will be retained for four weeks; if you have not collected your assignment by then, it will be destroyed.

Feedback will include the award of a numerical grade which remains provisional until ratified by the examination boards. The dates for the examination boards are available on KEATS. Ratified marks can be viewed via Student Records on the King’s Intranet, the Monday following the relevant examination board.

The marking criteria by which your work is judged are provided in full in your programme handbook. Please also refer to the section in your programme handbook on plagiarism and how to avoid it. If you have a query about how to refer to a specific piece of work please ask your module leader, your group leader or a member of library staff for guidance or please use King’s Libguides site.
The feedback you receive on your assignment will guide you towards how to do better next time or how to maintain your existing high standard!

If you do not understand your mark or the feedback you receive please contact Lynne Wainwright

If you are unsuccessful, it is recommended that you contact the module leader before submitting your second attempt. This will enable the module leader to provide you with an appropriate level of support as you prepare to resubmit your work.

**Resubmission date for coursework: 17 July 2018; 11.59am**

**Resubmission date for competency document: 17 July 2018; 11.59am**
Learning resources

Session 1 – The Context of Neonatal Care

By the end of the session you will be able to:

- Understand the expectations and requirements for successful completion of the course
- Identify the study support facilities offered by the University along with the fire procedures
- Discussed the role of managed networks and policy influencing neonatal care
- Explore the role of the neonatal nurse within the multi-disciplinary team

Indicative reading


Bliss (2007). Special delivery or second class: Are we failing special care babies in the UK? www.bliss.org.uk


Session 2 – Newborn Respiratory Assessment

By the end of the session you will be able to:

- Identify the stages of lung development
- Explore lung development in relation to respiratory disorders of the newborn neonate of varying gestations
- Identify the components of respiratory assessment
- Discuss the principles behind continuous respiratory, cardiac and pulse oximetry monitoring

Indicative reading


http://embryology.med.unsw.edu.au/.

**Session 3 – Thermoregulation**

By the end of the session you will be able to:

- Discuss the rationale for thermoregulation in the neonate
- Identify the consequences of a neonate who is thermoregulatory compromised and identify those at risk
- Explore thermoregulatory practices in neonatal units

**Indicative reading**


**Session 4 – Jaundice**

By the end of the session you will be able to:

- Discuss the normal physiological process of the breakdown of haemoglobin  • Identify the causes of jaundice and at risk infants
- Explore the different treatments of jaundice in relation to severity of the disease

**Indicative reading**


Session 5 – Neonatal Skin Care

By the end of the session you will be able to:
- Describe the development of the neonate’s skin at varying gestations
- Explore the risks to the infant’s skin’s integrity
- Discuss strategies to maintain skin integrity in newborns

Indicative reading


Session 6 – NAS

By the end of the session you will be able to:
- Discuss the effects of different drugs on fetal development
- Identify the different effects of drug withdrawal following birth on the newborn
- Explore the nurse’s role in caring for a newborn and their family with drug withdrawal issues

Indicative reading


Session 7 – Congenital Abnormalities

By the end of the session you will be able to:
- Identify the congenital abnormalities seen commonly in SCBU
- Discuss the management of babies who have congenital abnormalities
- Consider long term issues for these babies and families

Indicative reading


Session 8 – Developmental Care

By the end of the session you will be able to:

- Discuss the needs of the family on the neonatal unit
- Explore the reactions and expectations of nurses & parents
- Identify the developmental needs of the neonate
- Explore current practices in the neonatal unit to ensure optimal developmental care.

Indicative reading


Session 9 – Infant Nutrition

By the end of the session you will be able to:
- Identify how to assess the nutritional needs of a preterm infant
- Explore the use of additives and supplements
- Consider the use of formula milks

Indicative reading


Session 10 — Breastfeeding

By the end of the session you will be able to:
- Explore the practical and theoretical issues related to the promotion, establishment and support of breastfeeding in neonatal units
- Discuss the benefits of breast milk

Indicative Reading


**Session 11 – Newborn Screening Program**

By the end of the session you will be able to:

- Discuss the rationale for routine screening in the neonatal screening
- Identify the phases of ear development and hearing, and explore potential risks to hearing loss
- Discuss the correct procedure for capillary heel blood sampling.

**Indicative reading**

Newborn Screening Programme Centre (2005) Newborn blood spot screening in the UK: policies and standards. UK Newborn Screening Programme Centre, London


**Session 12 – Family Centred Care and Discharge Planning**

By the end of the session you will be able to:

- Discuss the importance of discharge planning from admission
- Identify the needs of parents in preparation for discharge

**Indicative reading**


Patel N., et al (2017) Family Integrated Care: changing the culture in the neonatal unit Arch Dis Child. Published online November 9, 2017


http://familyintegratedcare.com/
**Module evaluation**

As part of the university’s Student Voice Strategy, King’s uses an electronic module evaluation system known as EvaSys. This provides an opportunity for you to feedback on different aspects of the module through a series of pre-set questions and qualitative comments. At the end of the module you will receive an automated invitation via your KCL email account to complete your evaluation online.

Please take the time to complete as your feedback is important. It informs ongoing developments to individual modules to ensure that the learning needs and expectations of the Faculty’s student community are met to a high standard.

To strengthen the feedback cycle, a report summarizing the quantitative results for the module as a whole and the module lead’s reflections on your feedback will be sent to you after the online evaluation survey has closed.

**Action from previous evaluations**

No actions required.
**Timetable**
The timetable for this module will be available on KEATS by 5 Jan 2018.

### Neonatal Nursing: Special Care

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<th>Type of Session</th>
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<th>Time</th>
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**Location key:**
FWB – Franklin-Wilkins Building, Waterloo Campus
WBW – Waterloo Bridge Wing, Waterloo Campus