

The Fetus and Newborn Infant

Module Information

2022.01, Approved

Summary Information

Module Code	4101MW
Formal Module Title	The Fetus and Newborn Infant
Owning School	Nursing and Allied Health
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 4
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Nursing and Allied Health

Learning Methods

Learning Method Type	Hours
Lecture	48
Tutorial	1
Workshop	12

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	12 Weeks

Aims and Outcomes

Aims	To enable the student to:1. Consider and support the health and wellbeing of the fetus and newborn infant in the context of maternity care. 2. Demonstrate an ability to evaluate and interpret evidence and information, including qualitative and quantitative data, regarding the wellbeing of the fetus and newborn infant.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Discuss a range of maternity care practices and public health interventions that can improve the health of the mother, fetus and newborn infant.
MLO2	2	Use of midwifery skills and knowledge of anatomy, physiology and epigenetics to support the transition of the fetus to extra-uterine life and demonstrate knowledge of optimal care of the newborn.
MLO3	3	Discuss the importance of human milk and breastfeeding to public health and well-being, and demonstrate how to protect, promote and enable breastfeeding with the woman, her partner and family as well as supporting safe and responsive alternative feeding methods.
MLO4	4	Explain the role of the midwife and of the multi professional team in the care of the fetus and neonate.

Module Content

Outline Syllabus	After completing the module the student should be able to: Discuss a range of maternity care practices and public health interventions that can improve the health of the mother, fetus and newborn infant. Use midwifery skills and knowledge of anatomy, physiology and epigenetics, support the transition of the fetus to extra-uterine life and demonstrate knowledge of optimal care of the newborn. Discuss the importance of human milk and breastfeeding to public health and well-being, and demonstrate how to protect, promote and enable breastfeeding with the woman, her partner and family as well as supporting safe and responsive alternative feeding methods. Explain the role of the midwife and of the multi professional team in the care of the fetus and neonate.
Module Overview	This module will enable you to consider and support the health and wellbeing of the foetus and new-born infant in the context of maternity care. You will learn to demonstrate an ability to evaluate and interpret evidence and information, including qualitative and quantitative data, regarding the wellbeing of the foetus and new-born infant.
Additional Information	This module is designed to introduce students to their role in supporting the family in caring for the fetus and the newborn infant. The module will explore the pathway the mother and family take in the first critical 1001 days. It will provide the student with knowledge and understanding of anatomy, physiology, and epigenetics of fetal development, adaptation to life, the newborn infant and very early child development. It will consider the intrauterine environment and how this, together with the transition to extra-uterine life can affect the individual, and as a consequence the public health of the nation. It will introduce the student to genetics, screening and diagnostic tools, and creating a healthy intrauterine environment to optimise pregnancy outcomes. It will explore how mode of birth can affect the newborn. It will equip the student to support fetal transition to extra-uterine life and provide the student with knowledge of practical newborn infant care. It will use evidence based knowledge to support student's understanding of the importance of human milk and breastfeeding to public health and well-being. It will support the application of this knowledge to breastfeeding, in how to responsively protect, promote and enable breastfeeding with the woman, her partner and family. It will also equip the student to safely and responsively support alternative feeding methods. The module will provide a foundation for development of knowledge relating to more complex and additional needs. It will link to knowledge gained from semester one modules. The module will use recognised resources to support learning such as 'E-learning for health' and other professional resources. The student will be encouraged and facilitated to reflect, challenge and evaluate the evidence base in relation to the care of the fetus and newborn infant from family members and from members of the multi-disciplinary maternity care team. Through formative and summative assessment and learning and teaching, students will be enabled to consider provision of maternity services for the fetus and newborn infant, and critically evaluate these.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Portfolio of evidence	100	0	MLO1, MLO2, MLO3, MLO4

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Michelle Beacock	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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