



Midwifery Clinical Elective Module

Bachelor of Science (Honours) in Nursing Degree
Department of Nursing and Midwifery
Faculty of Allied Health Sciences
University of Sri Jayewardenepura



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Published by Dept. of Nursing and Midwifery

Year 2022

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Midwifery Clinical Elective Module

Introduction

Midwifery for nurses is considered as a speciality in nursing. Midwifery module is offered to nursing students in their fourth year as an elective subject. The module will focus on the role of the Nurse-midwife as a health care professional providing care to the child bearing woman and family. It will provide a framework for midwifery practice to develop knowledge and skills in the care of women in normal and high risk pregnancy, child birth and early parenting.

The aim of the module is to prepare a nurse competent in caring for mother and baby during ante-partal, intra-partal and post-partal periods and to provide health education to the mother and family members in the care of mother and newborn. The students will achieve a level of competency in midwifery through a programme of integrated and clinically based learning strategies. Practice areas include antenatal clinics, antenatal, post-natal wards and labour room. Further, students will be able to utilize their knowledge of normal biological, psychological, social and cultural processes of childbirth and early life of the newborn from their prior learning under Maternal health and gynaecological nursing modules in their 3rd and fourth years and apply them into practice in providing care to normal mother and newborn.

It will further explore the role of the Nurse - Midwife in the care of the child-bearing family to detect deviations from normal and as a consequence, the areas where timely and appropriate interventions are required. During the course, students will have the opportunity to assess normal and high risk pregnant mothers in the hospital setting, provide direct care for normal and risk mothers throughout the labour process, perform deliveries, facilitate breast feeding, direct care to newborns and educate mothers and their families. Emphasis will be given to find out the ways and means of normalizing the child bearing experience for the women and their families by the Nurse-midwife.

Midwifery Clinical Elective Module

Credits: 06

Total hours: 315

Contact hours: Practical/theory- 01 credit (15hours)

Practice: 05 credits (300 hours)

Duration: Eight (08) weeks

Prerequisites: Knowledge and skills in Obstetric nursing

Teaching Unit: Department of Nursing and Midwifery, Faculty of Allied Health Sciences

Department of Obstetrics and Gynaecology, Faculty of Medical Sciences

Course objectives

At the end of this course, students will be able to;

1. understand the influence of socio cultural health practices and behaviours related to child bearing and caring the mother and infant.
2. identify the needs of a family for planned parenthood and family planning.
3. assess physical and emotional needs of the mother and the family during pregnancy, delivery and the puerperium.
4. develop skills to provide care for mother and infant during ante-partal, intra-partal and post-partal periods.
5. develop skills to detect high-risk pregnancies.
6. develop skills in management and care of women with major complications and problems in pregnancy, labour and puerparium.
7. develop positive attitudes towards emotional needs of mother and family during the stay in hospital.
8. apply ethical principles in providing care respecting socio-cultural health practices and behaviours related to child bearing and caring for the mother and the newborn
9. develop skills to provide health education to the mother and the family regarding the care of the mother and the newborn.
10. identify the role of the midwifery qualified nurse in the multi-professional maternity health care team.

Midwifery clinical Elective Module

Main content areas and student contact hours

S.No	Main content areas	Lecture /Small Group discussion/tutorial/practical session (Hours)
01.	Introduction to Midwifery	01
02.	Normal Labour	02
03.	High risk pregnancies	04
04.	Obstetric emergencies	03
05.	Basic skills for midwifery	05
Total hours		15

Midwifery Elective Module

1. Introduction to Midwifery

Intermediate objectives	Broad content areas	Activity	Duration (Hours)	Resource person
1.1.Outline key terminology related to Midwifery	<ul style="list-style-type: none"> • Midwifery • Midwife • Midwifery-led care 	Lecture discussion	01	Lecturer Department of Nursing and Midwifery
1.2. Identify ethical considerations in the practice of midwifery	<ul style="list-style-type: none"> • Code of Ethics for Midwives 			
1.3. Identify the role of the midwife in provision of care	<ul style="list-style-type: none"> • Role of the midwife in Antenatal care • Role of the midwife in intranatal care • Role of the midwife in postnatal care 	Self-directed learning Discussion		

2. Normal Labour

Intermediate objectives	Broad content areas	Activity	Duration (Hours)	Resource person
2.1.Describe normal labour	<ul style="list-style-type: none"> • Mechanism of labour • Stages of labour 	Tutorial	02	Lecturer Department of Nursing and Midwifery
2.2.Identify the role of the midwife throughout the labour process	<ul style="list-style-type: none"> • Role of the midwife during the first stage of labour • Second stage of labour • Third stage of labour 	Self -directed learning Tutorial		

	<ul style="list-style-type: none"> • Fourth stage of labour 			
2.3. Describe potential complications during the labour process	<ul style="list-style-type: none"> • Obstructed labour • Prolonged labour • Foetal distress • Retained placenta • Uterine rupture 	Case study/ Discussion		

3. High risk pregnancies

Intermediate objectives	Broad content areas	Activity	Duration (Hours)	Resource person
3.1. Identify high risk pregnancies	<ul style="list-style-type: none"> • Early pregnancy bleeding • Late pregnancy bleeding • Medical complications during pregnancy • Other risk conditions 	Group work Problem based learning	02	Lecturer from Department of Nursing and Midwifery
3.2. Identify general management for risk conditions during pregnancy	<ul style="list-style-type: none"> • General Management regarding miscarriages • Ectopic pregnancy • Antepartum haemorrhage • Pregnancy Induced Hypertension (PIH) • Gestational Diabetes 	Tutorials Case scenarios	02	Lecturer from Department of Nursing and Midwifery Department of Obstetrics and Gynecological Nursing

	Mellitus (GDM) <ul style="list-style-type: none"> • Anemia • Cardiac diseases • Multiple Pregnancy • Grand Multiparity • Pre labour rupture of Membranes (PROM) • Intra uterine Deaths(IUD) 			
3.3.Describe nursing management for each risk condition	<ul style="list-style-type: none"> • Assessment, Nursing diagnoses, planning, Nursing interventions 			Lecturer from Department of Nursing and Midwifery

4. Obstetric emergencies

Intermediate objectives	Broad content areas	Activity	Duration (Hours)	Resource person
4.1.Assess obstetric emergencies	<ul style="list-style-type: none"> • Ruptured ectopic pregnancy • Placental abruption • Post-partum heamorrhage • Cord prolapse • Foetal distress • Shoulder dystocia • Eclampsia • Uterine inversion • Uterine rupture 	Tutorials Problem based learning	01	Lecturer from Department of Nursing and Midwifery Department of Obstetrics and Gynecological Nursing
4.2.Describe management of each emergency	<ul style="list-style-type: none"> • Management of each emergency condition specified in 4.1 	Tutorials Case scenarios	02	

5. **Basic midwifery skills**

Intermediate objectives	Broad content areas	Activity	Duration (Hours)	Resource person
5.1.Demonstrate Practical skills on basic midwifery	<ul style="list-style-type: none"> • Assessment of the antenatal, intra natal and postnatal mother (History taking, general physical examination, abdominal examination) • Assessment of the foetus/newborn (Auscultation FHS, Applying CTG, Interpretation) • Maintain partograph • Preparation of oxytocin infusion • Assisting/performing deliveries • Assisting episiotomy suturing • Assessment of the newborn • Providing immediate newborn care • Assisting assisted deliveries • Preparation of mothers for obstetric procedures (LSCS, Induction) • Assisting IUCD insertion and removal • Conducting health education sessions 	<p>Clinical teaching/bed site teaching</p> <p>Practical laboratory sessions/ in the ward/Labour room</p>	05	<p>Lecturer from Department of Nursing and Midwifery</p> <p>Department of Obstetrics and Gynecological Nursing</p> <p>Nursing sister/nursing officer at CSTH</p>

Teaching / Learning Activities:

Lectures
Tutorials
Clinical practice with a mentor
Practical laboratory sessions
Problem-based learning
Case scenarios
Group work
Self -directed learning.
Learning log & Reflective diary

There will be a tutorial / clinical teaching session once a week, where practical aspects of giving nursing care to a mother and a new born are discussed. Further, the students will write a case study on a selected topic approved by the subject coordinator. A case study guide is provided.

Clinical Placement:

This is an eight-week clinical practice with mentor. Practice areas will include antenatal clinics, antenatal, post -natal wards and labour room.

Practical experience which are compulsory during the course will be gained in following areas.

- Conduct antenatal and post-natal examinations (10)
- Perform nursing assessment of a woman in labour (10)
Assist normal deliveries (10)
- Assist active management of third stage (10)
- Provide care for a mother during ante-partum, intra-partum and post-partum periods
- Perform immediate newborn care (10)
- Prepare a mother for vaginal delivery
- Prepare a mother for elective caesarean section
- Assist IUCD insertion and removal
- Conduct health education sessions (03)
- Complete attendance and Nursing clinical experience records.

Assessment:

BSc Nursing Part IV examination

Viva (15 minutes)	- 20%
Clinical case (20 minutes)	- 40%
Case study (Report)	- 40%

Recommended readings:

Marshall & Raynor, 2014. **Myle's Text Book for Midwives** (latest edition)

Olds, S.B., London, M.L., & Ladewig, P.W. (1999).

Marshall, J. & Raynor, M. 2009. **Advancing Skills in Midwifery Practice**, Churchill Livingstone

Annamma,J. 2008. A Comprehensive Textbook of Midwifery, 2nd ed. Jaypee Brothers Medical Publishers (P) Ltd.

Reference:

B.Sc. Nursing (Hons) Curriculum, 2018. Bachelor of Science Honours in Nursing Degree Programme, University of Sri Jayewardenepura.