

Macao Polytechnic Institute
School of Health Sciences and sports
Master of Science in Nursing

Module Outline

Learning Module	Obstetrics and Gynecology Care		Class Code	NURS6113
Pre-requisite(s)	Nil			
Medium of Instruction	Chinese / English		Credit	6
Lecture Hours	80 hrs	Lab/Practice Hours	10 hrs	Total Hours 90 hrs

Description

It trains candidates towards dealing with the reproductive organs and health of women. Women having issues with reproductive organs or having difficulty in conception, pregnancy and childbirth are taken care of by these specialists who help them throughout their journey right from conception to the birth of their baby. Furthermore, they educate women about birth control, how to maintain their physical and sexual health, and also information from child control to mammograms. The course is quite extensive, beginning from the menstruation cycle in women, through pregnancy, childbirth and then menopause. Nurses trained in this segment are even taught how to handle diseases and disorders of the reproductive system in women such as cancer, endometriosis, and other sexually transmitted diseases.

Learning Outcomes

After completing the learning module, students will be able to:

1. Apply principles and concepts of obstetric nursing to clinical practice;
2. Provide primary health care services and preventive health education in obstetrics and gynecology, taking into account the cultural/ethnic characteristics of clients and families;
3. Describe the epidemiology, pathophysiology, signs and symptoms of various gynecological disorders;
4. Identify the relevant differential diagnosis, laboratory analysis and imaging results of various gynecological diseases;
5. Describe nursing care for common gynecological conditions;
6. Analysis of nursing care for perinatal women and newborns, and their families;
7. Describe the health status and nursing care of women and fetuses in high-risk pregnancies;
8. Describe the nursing care of women and their families with abnormal childbirth and postpartum

period;

9. Analysis of common nursing ethical issues and decision-making principles in the field of obstetrics and gynecology nursing;
10. Critically analyze and apply current research findings and synthesize knowledge for evidence-based practice in obstetrics and gynecology nursing.

Content

1. The principles and paradoxes of contemporary obstetrics and gynaecology (3 hours)
(MASTER; apply knowledge, concepts, and analyze problems in different situations. Make valid judgement and solve problems.)
2. The role and function of obstetrics and gynaecology, and common gynecological diseases and gynecological tumours. (30 hours)
 - 2.1 The role and function of obstetrics and gynaecology
 - 2.2 Anatomy and physiology of male and female reproductive system
 - 2.3 Differential diagnosis and imaging basis of common gynecological diseases
 - 2.4 Differential diagnosis and imaging basis of common gynecological tumors(MASTER; apply knowledge, concepts, and analyze problems in different situations. Make valid judgement and solve problems.)
3. Nursing care for perinatal women and their families (12 hours)
 - 3.1 Antenatal care
 - 3.2 Abnormalities of early pregnancy(MASTER; apply knowledge, concepts, and analyze problems in different situations. Make valid judgement and solve problems.)
4. High-risk pregnant women, women during childbirth and postpartum abnormalities and their familie (30 hours)
 - 4.1 Identification of a high-risk pregnancy
 - 4.2 Labor and Birth Processes
 - 4.3 Nursing care of the family during labor and birth
 - 4.4 Obstetric Emergencies
 - 4.5 Family planning
 - 4.6 Breastfeeding
 - 4.7 Postnatal care(MASTER; apply knowledge, concepts, and analyze problems in different situations. Make valid judgement and solve problems.)
5. Normal newborns, high-risk fetuses and high-risk newborns 5 hours)
(MASTER; apply knowledge, concepts, and analyze problems in different situations. Make valid judgement and solve problems.)

Practice 1 (10 hours)

Class Practice

Practice Item	Title	Mode of Practice	Requirement
- Abdominal palpation - Newborn bath	Obstetrics specialist operation (1)	Demonstration and group practice	Master the process, key points of the skill.
- Normal vaginal delivery	Obstetrics specialist operation (2)	Demonstration and group practice	Master the process, key points of the skill.
- Perineal suture	Obstetrics specialist operation (3)	Demonstration and group practice	Master the process, key points of the skill.
- Immediate neonatal Care - Neonatal First Aid	Obstetrics specialist operation (4)	Demonstration and group practice	Master the process, key points of the skill.
- Breastfeeding education	Obstetrics specialist operation (5)	Demonstration and group practice	Master the process, key points of the skill.

Teaching Method

Lectures, videos, case studies, group discussion.

Attendance

Attendance requirements are governed by the “Academic Regulations Governing Master’s Degree Programmes of Macao Polytechnic Institute”.

Assessment

This learning module is graded on a 100-point scale, with 100 being the highest possible score and 50 being the passing score.

	Item	Description	Percentage
1.	Seminar presentation	Groups of students, presentation on the topics x 30 minutes.	50%
2.	Literature review written report	Individually selected obstetrics and gynecology topic for literature review.	50%

Total Percentage: 100%

Teaching Material(s)

Models, Teaching Resource Sites

Textbook(s)

1. 陸虹 (2017), 婦產科護理學, 第 6 版, 北京: 人民衛生出版社。

Reference book(s)

1. Davidson, M., London, M. & Ladewig, P. (2014). *Olds' Maternal-newborn nursing & women's health across the lifespan* (9th ed., international ed.). Harlow, England: Pearson Education Limited.
2. Ladewig, P., London, M. & Davidson, M. (2014). *Contemporary maternal-newborn nursing care* (8th ed., international ed.). Upper Saddle River, New Jersey: Pearson Education, Inc.
3. Murray, S. & McKinney, E. (2014). *Foundations of maternal-newborn and women's health nursing* (6th ed.). St. Louis, Missouri: Elsevier Saunders.
4. 盧碧瑛等 (2014), 婦科護理學 (二版), 臺北市: 華杏出版股份有限公司。
5. 曹澤毅主編, 2021, 中華婦產科學, 第 3 版, 人民衛生出版社。

Journal(s)

1. Birth
2. Midwifery
3. Journal of Perinatal and Neonatal Nursing
4. Maternal and Child Health Journal
5. Journal of Midwifery & Women's Health
6. Journal of Obstetrics, Gynaecological and Neonatal Nursing, JOGNN

Website(s)

PubMed

CINAHL Plus

MEDLINE

PsycINFO