



**Modular Integrated  
Curriculum 2K23**

*Final Version*

**REPRODUCTIVE AND  
CHILD HEALTH**



..... **MBBS Year-02**

..... Block-05

..... Module-08

..... (Endocrinology and  
..... reproduction-I)

..... **MBBS Year-04**

..... Block-12

..... Module-31

..... (Endocrinology and  
..... reproduction-II)



## UNIVERSITY OF HEALTH SCIENCES, LAHORE

### NOTIFICATION

The Academic Council, on recommendation of the Board of Studies (Medicine) and in exercise of its powers under section 31.(2)(ii) of UHS Ordinance 2002, approved inclusion of the maternal and child health related contents in Block-V (Endocrinology & Reproduction-I) and Block-XII (Endocrinology & Reproduction-II) in Modular integrated MBBS Curriculum 2K23, and three additional field visits in 4th year (Immunization Center, Ante-natal Care Center, Family Planning Centre).

No. UHS/REG-26/379

**REGISTRAR**

Dated: 16-04-2026

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- i. Principals of Constituent and Affiliated Medical Colleges
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**REGISTRAR**

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## MODULE RATIONALE

Endocrinology and Reproduction II builds upon the foundation laid in Endocrinology and Reproduction I (Block 5), in which the anatomy and physiology of the endocrine organs and the functional biochemistry of their hormones were taught in an integrated fashion with reference to common diseases occurring in the Pakistani community. This second module advances from normal physiology to the study of pathology, related pharmacology, and clinical aspects of endocrine, gynecological, and urological disorders along with public health perspectives. It emphasizes integration of basic sciences with clinical application and preventive approaches to strengthen diagnostic reasoning, therapeutic decision-making, and problem solving at community level.

In addition to patient-level care, the module incorporates community medicine and public health perspectives, focusing on prevention, early detection, and health promotion strategies for prevalent conditions such as diabetes, thyroid disorders, infertility, menstrual health problems, and reproductive cancers. Through this integration, students will develop a holistic understanding of endocrine and reproductive health, equipping them to address these issues both in clinical practice and at the population level.

### MODULE OUTCOMES

- Explain the pathophysiology of common endocrine, gynecological, and urological disorders.
- Correlate pathology, pharmacology, and clinical features of endocrine and reproductive system disorders to strengthen diagnostic reasoning.
- Demonstrate an understanding of pharmacological principles in the management of endocrine, gynecological, and urological conditions.
- Perform focused clinical assessments, including history taking and physical examination, to evaluate endocrine and reproductive health problems.
- Solve maternal and child health problems through community approaches and health programs related to reproductive health.
- Interpret essential laboratory and imaging investigations in the diagnosis of common conditions.
- Demonstrate professional communication and counseling skills by educating patients and families about disease, treatment options, and preventive measures.

### SUBJECTS INTEGRATED IN THE MODULE

- Endocrinology/Medicine

- Gynecology
- Community Medicine
- Pathology
- Pharmacology
- Urology

## REPRODUCTIVE AND CHILD HEALTH

MBBS Years / Blocks / Modules	Learning Outcomes	Subject	Topic
<b>MBBS Year-02 Block-05 Module-08 (Endocrinology and reproduction-I)</b>	<p>Identify the components of reproductive health</p> <p>Enlist the aims and objectives of reproductive health</p> <p>Define and discuss maternal health.</p>	Community Medicine	Maternal health
<b>MBBS Year-04 Block- 12 Module-31 (Endocrinology and Reproduction-II)</b>	<p>Enlist the promotive, preventive, curative, and rehabilitative service of maternal health.</p> <p>Describe safe motherhood strategy with the difference of basic and comprehensive 'essential obstetric and neonatal care'.</p>	Community Medicine	Antenatal, natal, and postnatal
	<p>Establish the concept of maternal mortality, its causes, measurement and prevention.</p>	Community Medicine	Maternal Mortality
	<p>Differentiate growth and development and identify role of breast feeding in infants.</p>	Community Medicine	Breastfee ding
	<p>Define infant care.</p> <p>Identify the components of infant care.</p> <p>Discuss the strategies and importance of IMNCI.</p>	Community Medicine	Infant care
	<p>List common causes of morbidity and mortality in infants and write down their prevention and control measures.</p> <p>Specify health promotion strategies for common ailments and home accidents in children.</p> <p>List common causes of mortality in children and its prevention.</p> <p>Differentiate child abuse and child labour.</p>	Community Medicine	Child health care
	<p>Describe the importance of adolescent health.</p> <p>Describe the guidelines for management of STDs.</p>	Community Medicine	Adolescen t health and STDs
	<p>Discuss contraception and its application according to the needs of Pakistan.</p>		Contracep tion and

	Explain effectiveness of contraceptive methods and failure rates.		population planning
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## COMMUNITY VISIT

**MBBS  
Year-04**

### **Immunization Centre:**

- Observe EPI facility and its working
- Observe how cold chain is maintained
- Differentiate vaccines, their route of administration, dosages etc
- Observe vaccines used during Antenatal among pregnant ladies
- Observe how vaccine wastage is avoided
- Discuss parameters for normal growth and development.
- List uses of growth chart.

### **Antenatal visit:**

- Observe MCH center facility and its working
- Identify staff and their role in this facility
- Differentiate services available at this center in particular to Antenatal, natal and postnatal care etc
- Identify MCH statistics and its tracking for the catchment population served.

### **Family Planning Centre:**

- Identify available family planning services
- Observe how counseling and screening is done for family planning methods