

**Subject name:** Gynaecology and Obstetrics

**Subject code:** HomUG-ObGy-I

### **1. Preamble**

Obstetrics stands at the forefront of maternal health, emphasizing the care and well-being of expectant mothers throughout pregnancy, childbirth, and the postpartum period. From prenatal care to labour and delivery, obstetricians play a pivotal role in ensuring safe pregnancies and healthy births. Gynaecology encompasses the diagnosis and treatment of conditions affecting the female reproductive system, from adolescence through menopause, including menstrual disorders, fertility concerns, sexually transmitted infections, and gynecological cancers. Infant care extends beyond the moment of birth, encompassing the critical early stage of a newborn's life. From breastfeeding guidance to newborn screening and immunization.

The fields of Obstetrics, Infant care and Gynaecology intersect to provide holistic care to women across the reproductive lifespan. By addressing the physical, emotional and social aspects of women's health, healthcare providers empower individuals to make informed decisions about their bodies and well-being. In the realm of obstetrics and gynaecology, homoeopathy offers a holistic approach that seeks to address the physical, emotional and spiritual aspects of women's health.

Homoeopathy, a system of medicine based on the principle of "like cures like" and individualized treatment, can play a significant role in promoting well-being and managing various conditions in obstetrics and gynaecology. Homoeopathy offers safe and gentle remedies to support women throughout pregnancy. From alleviating common discomforts such as nausea, fatigue, and back pain to addressing emotional concerns like anxiety and mood swings, homoeopathic treatments can provide relief without adverse effects on the developing fetus. Additionally, homoeopathy can aid in preparing the mother's body for labor and delivery, promoting a smooth and natural

In the postpartum period, homeopathy offers support for new mothers as they navigate the physical and emotional changes following childbirth, and breastfeeding difficulties, promote lactation, and support the overall recovery of the mother. Homeopathy provides a holistic approach to managing various gynaecological conditions, including menstrual disorders, hormonal imbalances, polycystic ovarian syndrome (PCOS), endometriosis, and menopausal symptoms. Homeopathy considers the individual's unique constitution and emotional state.

In conclusion, homoeopathy offers a holistic and patient-centred approach to obstetrics and gynaecology, addressing the physical, emotional, and spiritual aspects of women's health.

## **2. Course outcomes**

At the end of BHMS II course, the students should be able to-

- i. Understand applied anatomy, endocrinology and physiology including abnormality of female reproductive system during puberty, menstruation, menopause and in different stages of womanhood.
- ii. Learn skills in case taking, physical examination, diagnostic procedures and managements of benign and malignant conditions, trauma, infections and inflammations related with female genitalia, and pre-malignancy screening procedures.
- iii. Integrate the various knowledges to get a holistic understanding of disease evolution and approach to disease diagnosis and management.
- iv. Understand developmental anomalies, uterine displacements and Sex and intersexuality
- v. Understand the causes related with male and female Infertility, their diagnosis, Artificial Reproductive Techniques and skill in Homoeopathic management along with population dynamics and control of Conception.
- vi. Know skills required in case taking, clinical examination and common diagnostic modalities in Gynecology and Obstetrics.
- vii. Understand the process of normal pregnancy and minor ailments during pregnancy
- viii. Comprehend the process of diagnosis of normal pregnancy, prenatal, antenatal, postnatal maternal and fetal surveillance, care of newborn, care of puerperium
- ix. Understanding common problems during abnormal pregnancy and labour to manage it through Homoeopathic perspective including scope, limitations and timely referral.
- x. Comprehending postnatal, puerperal care, diseases of fetus, new-born and medico legal aspects with Homoeopathic perspective.
- xi. Learning general and homoeopathic management of common Gynecological and Obstetric conditions

### **3. Learning objectives**

At the end of the II BHMS course the student shall able to:

1. Understand the applied anatomy, endocrinology and physiology including abnormality of female reproductive system during puberty, menstruation, menopause and in different stages womanhood.
2. Integrate the knowledge with Anatomy, Physiology, Organon of medicine, Practice of medicine and Homoeopathic materia medica to get a holisti
3. c understanding of disease evolution and approach to disease diagnosis and management.
4. Discuss the developmental anomalies, Uterine displacements and Sex and intersexuality to understand the Predisposition including fundamental miasm, personality type known to develop particular disease, causation and modifying factors like exciting and maintaining factors.
5. Acquire skill in case taking, clinical examination and common diagnostic modalities in Gynaecology and Obstetrics.
6. Describe anatomical, physiological, endocrinological changes and minor ailments during pregnancy
7. Understand prenatal, antenatal, postnatal maternal and foetal surveillance, care of new-born, care of puerperium
8. Integrate the knowledge with Organon of medicine and Homoeopathic Materia medica for eradicating genetic dyscrasias in the mother and foetus.
9. Describe the mechanism and stages of normal labour, and intra-partum management.
10. Discuss general and Homoeopathic management for the related conditions through integration with repertorisation and therapeutics.

#### 4. Course content and its term-wise distribution

##### 4.1 Unit 1: Gynaecology and Homoeopathic Therapeutics

Sl. No.	List of Topics	Term
1.a	Introduction to Gynaecology with Definition of Hahnemannian classification of disease. Importance in the review of the Homoeopathic literature, Therapeutics and Repertory source books	I
1.b	A review of the applied anatomy of female reproductive system, development and Developmental anomalies	I
1.c	A review of the applied physiology of female reproductive system - Puberty, Menstruation and its disorders including, amenorrhea, dysmenorrhea, menorrhagia, metrorrhagia, epimenorrhoea, AUB, Postmenopausal bleeding and menopause with related ailments and its scope and management in Homoeopathy and integrate wherever necessary with other disciplines	I
1.d	Gynaecological Case taking, physical examination, investigation and approach to clinical diagnosis and Differential diagnosis.	I
1.e	Epidemiology -Predisposition including fundamental miasm: personality type known to develop particular disease	I
1.f	Uterine displacements – Prolapse, Retroversion and inversion with its exciting and maintaining causes, disease manifestations, prognosis, management and scope in homoeopathic perspective.	II
1.g	Sex & Intersexuality- Knowledge and scope to eradicate genetic Dyscrasias, predisposition, miasm and personality types known to develop particular diseases through Homoeopathic outlook.	II
1.h	General and Homoeopathic Management, repertorisation, therapeutics, posology, Formulation of prognostic criteria and Prognosis of related topics in Gynecology.	II

#### 4.2 . Unit 2: Obstetrics, new born care & Homoeopathic therapeutics

Sl. No.	List of topics	Term
2.a	Introduction to Obstetrics and Newborn care related with Homoeopathic Philosophy, Therapeutics and Repertorisation.	I
2.b	Fundamentals of reproduction	I
2.c	Development of intra uterine pregnancy	I
2.d	Diagnosis of pregnancy, investigations & examinations, applied anatomy & physiology, Normal pregnancy – physiological changes	I
2.e	Antenatal care – aims, objectives, visits, advise, procedures, investigations, identifying high risk cases, scope and limitation of management in Homoeopathy	I
2.f	Common conditions such as Vomiting, backache, constipation in pregnancy and Homoeopathic management	I
2.g	Normal labour with its causes of onset, anatomy, physiology, mechanism, stages, events and clinical course in each stage, importance of Homoeopathic scope and management	II
2.h	Postnatal & puerperal cure - scope and limitation of management in Homoeopathy	II
2.i	Care of new born in homoeopathic point of view	II
2.j	General and Homoeopathic Management, repertorisation, therapeutics, posology, Formulation of prognostic criteria and Prognosis of related topics in Obstetrics and new-born care.	II
2.k	Important Investigations for diagnosis in Obstetrics	II

## 5. Teaching hours

### 5.1. Gross division of teaching hours

Gynaecology and Obstetrics		
Year	Teaching hours- Lectures	Teaching hours- Non-lectures
II BHMS	100	24

### 5.2. Teaching hours theory

#### 5.2.1 Unit 1: Gynaecology and Homoeopathic Therapeutics

Sl. No.	List of topics	Lecture hours
1.a	Introduction to Gynecology with definition of Hahnemannian classification of disease. Importance in the review of the Homoeopathic literature, Therapeutics and Repertory source books	02 hrs.
1.b	A review of the applied anatomy of the female reproductive system.	03 hrs.
	Developmental anomalies	03 hrs.
1.c	A review of the applied physiology of the female reproductive system HPO axis & Menstruation	02 hrs.
	Puberty	03 hrs.
	Disorders of Menstruation including – Amenorrhoea, Dysmenorrhoea, Menorrhagia, Metrorrhagia, Epimenorrhoea, AUB.	09 hrs.
	Post-Menopausal Bleeding & Menopause with related ailments	05 hrs.

1.d	Gynaecological case taking, Physical examination, investigation and approach to clinical diagnosis and differential diagnosis.	04 hrs.
1.e	Epidemiology – Predisposition including fundamental miasm; personality type known to develop particular disease.	04 hrs.
1.f	Uterine displacements- Prolapse, retroversion and inversion with its exciting and maintaining causes, disease manifestations, prognosis, management and scope in homoeopathic perspective	08 hrs.
1.g	Sex & Intersexuality – Knowledge and scope to eradicate genetic dyscrasians, predisposition, miasm and personality types known to develop particular diseases through Homoeopathic outlook	05 hrs.
1.h	Correlate homoeopathic remedies, Therapeutics, posology. Formulation of prognostic criteria and prognosis related to Gynaecological conditions.	02 hrs
<b>Total</b>		<b>50 hrs.</b>

#### **5.2.2. Unit 2: Obstetrics, new born care & Homoeopathic therapeutics**

<b>Sl. No.</b>	<b>List of topics</b>	<b>Teaching hours</b>
2.a	Introduction to Obstetrics and Newborn Care Related with Homoeopathic Philosophy. Therapeutics and Repertorisation.	02 hr.
2.b	Fundamentals of reproduction	04 hrs.
2.c	Development of intrauterine pregnancy- Placenta and foetus.	04 hrs.
2.d.	Diagnosis of pregnancy: Investigations & examinations, applied anatomy & physiology, Normal pregnancy – Physiological changes.	07 hrs.
2.e	Antenatal care – aims, objectives, visits, advice, procedures, investigations, identifying high-risk cases, scope and limitation of management in Homeopathy	06 hrs.

2.f	Vomiting in pregnancy	04 hrs.
2.g	Normal labour with its causes of onset, anatomy, physiology, mechanism, stages, events and clinical course in each stage and management	08 hrs.
2.h	Postnatal & puerperal cure – scope and limitation of management in Homoeopathy	06 hrs.
2.i	Care of New-born in a homoeopathic point of view	04 hrs.
2.j	Correlate homoeopathic remedies, Therapeutics, posology. formulation of prognostic criteria and prognosis related to Obstetrical conditions	02 hrs.
2.k	Important investigations for diagnosis in Obstetrics	03 hrs.
<b>Total</b>		<b>50 hrs.</b>

### 5.2.3. Teaching hours Non-lecture

S. No.	Non lecture activity	Hours
1.	<b>Clinical</b>	
a.	Gynaecological Case taking	04
b.	Obstetrical Case taking	04
c.	Gynaecological Examination	04
d.	Obstetrical Examination	04
e.	Investigations, Diagnosis , D/D	04
2.	<b>Demonstrative</b>	
a.	Problem based / Case based learning- Foetal skull & maternal pelvis Demonstration of labour in Mannequin - skill lab	04
	<b>Total</b>	<b>24</b>



