

# Syllabus / Curriculum for MS ( OBSTETRICS AND GYNAECOLOGY)

## GOAL

A postgraduate in obstetrics and gynaecology is expected to conduct normal deliveries and have a sufficient knowledge of treating the complications that arise out of deliveries in Obstetrics. He should be able to manage Obstetric and Gynaecological emergencies and carry out research and undergraduate medical teaching.

**OBJECTIVES:** To achieve the goal following objectives must be fulfilled:

### **A) COGNITIVE DOMAIN:**

1. Proper history, examination and diagnosis.
2. Relevant investigations, their interpretation with reasonable accuracy.
3. Appropriate treatment and early disposal.
4. Prompt diagnosis and management of emergencies.
5. Update knowledge
6. Teach and guide undergraduate (MBBS) students.
7. Carry out research and publication.

### **B) PSYCHOMOTOR DOMAIN:**

1. To perform diagnostic/ therapeutic procedures like Cervical biopsy, Colposcopy, Endocervical curettage, Endometrial biopsy, HSG ( Hysterosalpingography), Pelvic ultrasound, Assessment of Pelvis, Colporrhaphy, Adhesiolysis, Endometrial ablation, Hysterectomy, oophorectomy, Trachelectomy, Tubal ligation, Vulvectomy etc.,
2. To be familiar with complication of procedures and be equipped in their management.

### **C) AFFECTIVE DOMAIN:**

1. Ethical principles during work
2. Seek and give consultation when required.
3. Sympathetic behavior with patients and their relatives.
4. Respects patients' rights and privileges.
5. Supplement information about their illness.
6. Consider seeking second opinion when requested by patients.
7. Develop communication skills to interact with colleagues, senior and paramedical staff.
8. To realize that patient management is a team work

### **Post Graduate Training:-**

1. Based on the available facilities, department can prepare a list of postgraduate experiments pertaining to basic and applied Medicine.
2. The total duration of course will be three calendar years.

3. PG student should have a laptop, pen drive, an approved blazer, a full sleeve- knee-length apron, a half sleeve- knee-length apron, digital camera for scientific purpose and personal wire less internet connection **as early as possible**. (All the students of particular batch will have in common a power point presenter with lesser torch for their seminars presentation).
4. PG student should come to the department in black color shoes.
5. PG student should maintain student's logbook, preclinical research projects logbook, clinical research projects logbook, practical record book and take the signature of the PG teacher and Head of Department every 15 days.
6. PG student should apply for the **passport** within the six months of admission.
7. PG student should pass the **CCC+ examination** within a year of admission.
8. PG student should pass the **Gujarati / Hindi examination** conducted by Dept. of language, Govt. of Gujarat, Gandhinagar, as the case may be.
9. Before coming to the department in the morning at 8.45 am and while going back in the evening, student should **visit central animal house** and should actively help in proper care of the animals.
10. Active learning should form the mainstay of postgraduate training. There should be lectures for postgraduates (at least 20 per year) along with seminars, symposia, group discussions, journal clubs.
11. **While presenting** a seminar, Journal reading, case report or scientific news from daily news paper, student should wear the **blazer** with tie and black shoes.
12. Journal article and presentation of seminar, case report & daily newspaper scientific news should be circulated to all teaching staff and other PG students of the department by e-mail also one week before the date of presentation.
13. PG student should complete one preclinical (Dissertation) and one clinical research project within two years of admission. Dissertation work (preclinical work) should be submitted to university before six months of commencement of M.D. Medicine University examination as a partial fulfillment to get the degree.
14. PG student should know in details of the research projects of other residents going on in the department.
15. PG student should take care of the instruments used for research work in the department.
16. PG student should have to **fill up minimum 100 ADR forms** and should do its causality assessment. (30 in 1<sup>st</sup> year 40 in 2<sup>nd</sup> year and 30 in 3<sup>rd</sup> year – total 100).
17. PG student **should plant and grow a sapling** of medicinal plant in Govt. Medical College or Sir Takhtsinhji General Hospital, Bhavnagar or hostel premises of the college. At the beginning or end of the course a board with student's name, plant's name, it's medicinal use should be displayed on the tree (sapling) guard of tree.
18. PG student have to become **life member** of Indian OBGY Society within a year of joining the Obs & Gyn department.
19. **PG student should publish one or two original research article (one preclinical and one clinical), one case report, one review article and one letter to editor of the journal.**
20. PG student have to put up his laminated photograph in department's PG & Ph.D student photo gallery. After completion of M.S. Obs & Gyn, they have to put an another photograph with year of admission, marks in M.S. Examination, his dissertation topic and details of total published papers.

21. The PG student should attend national / regional conferences of the subject. Attendance at minimum three national conference during three years course is mandatory. **Credits will be given for attending more conferences, making poster / podium presentation at these conferences.**
22. The postgraduate students should regularly go on the **ward rounds** of various clinical departments and learn cases of interest for discussion with the Obs & Gyn faculty.
23. During the period of training candidate will be required to maintain a day to day **work log book**. Candidates will be required to produce performance record (log book) containing details of day to day work, seminars presented and attended, journal reading presented and attended, conferences, workshops, CME attended, UG Tutorials and practical taken, rotations in other departments and institutions and their published work (Original research article, review article, short communications, case reports, letter to editor, etc.) at the time of examination.
24. **Credits will be awarded on the log book.**
25. PG students are encouraged to largely carry out self learning. They are expected to actively seek knowledge and skills on their own initiative. Sound knowledge of systemic Medicine including pharmacodynamics, pharmacokinetics and therapeutics of post-graduate level is to be acquired entirely by self study and participating in various teaching activities in the department.
26. The PG student will be involved in various research projects being undertaken in the department. Each student is required to participate at least in one research project every year and try to publish it.