

# M.S. Ramaiah University of Applied Sciences

New BEL Road, MSR Nagar, Bangalore – 560054



**RAMAIAH  
UNIVERSITY**  
OF APPLIED SCIENCES

## **PO, PSO & CO**

**Programme: MS in OBG**

**Programme Code: 146**

**Programme Outcome (PO)**

**Programme Specific Outcome (PSO)**

**Course Outcomes (CO)**

*Shalini*

**Principal and Dean**

S. Ramaiah Medical College and Hospital

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# Ramaiah Medical College (RMC)

## Programme Outcomes

### Post Graduate Programme: MS in Obstetrics & Gynaecology

#### PROGRAM OUTCOMES (PO) FOR MS OBSTETRICS & GYNAECOLOGY AT THE END OF THE PROGRAM THE STUDENT SHOULD BE ABLE TO:

- PO1. Offer to the community the current quality of 'Standard care' in Obstetrics & Gynaecological diagnosis as well as therapeutics. Should be able to diagnose common Medical or surgical condition. (C, K, A)
- PO2. Periodically self-assess his or her performance and keep abreast with on-going advances in the field and apply the same in his/her practice. (K, S)
- PO3. Be aware of his or her own limitations to the application of the specialty in situations which warrant referral to major centres or individuals more qualified to treat. (K,A, C)
- PO4. Effectively communicate with colleagues. (C)
- PO5. Apply research and epidemiological methods during his/her practice. The candidate shall be able to present or publish work done by him/her. (K,C, A)
- PO6. Contribute as an individual or in a group or institution towards the fulfilment of national objectives with regard to prevention of maternal mortality and morbidity and improving the neonatal outcome. (C, K, A,S)
- PO7. Effectively communicate with patients or relatives so as to educate them sufficiently and give them full benefit of informed consent to treatment and ensure compliance. (K, C, A)

## Programme Specific Outcomes (PSOs)

### Programme specific outcome (PSO) for MS in OBG Postgraduate students

#### At the end of the Program, the students should be able

- PSO1. Perform the medical interview and physical examination of women incorporating ethical, social, and diversity perspectives to provide culturally competent health care (K,P,C). Apply recommended prevention strategies to women throughout the life span (K,A). To decide on laboratory tests and other relevant investigations like ultrasound and CTG interpretation (K)
- PSO2. To provide initial management of acute Obstetric and gynecological emergencies and decide on referring the patient in time for specialized care (K,C, A). To recognize and distinguish between

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normal and abnormal physiologic changes during pregnancy, diagnosis of early pregnancy and pathological conditions-such as abortion, ectopic, molar pregnancy and hyperemesis.(K,S)

**PSO3.** To acquire the skill to elicit clinical history and conduct a systematic physical examination in the diagnosis of common obstetric and gynaecological disorders.(K,S,C). To learn to integrate my knowledge in basic medical sciences like Anatomy, Physiology and Biochemistry with clinical data and its application in clinical practice.(K)

**PSO4.** To acquire the skill for diagnosis and management of high risk pregnancy, antenatal care, pelvic assessment ,diagnosis of CPD ,induction of labour, amniotomy, labour monitoring, partograph, conduction of delivery, suturing of episiotomy, assisting LSCS, forceps and vacuum delivery, apply knowledge of intra-partum and postpartum care ,lactational management.(K,A,S)

**PSO5.** To learn to perform simple routine procedures like per speculum, per vaginal examination and pap smear.(K,P) To acquire the skill to assist in gynaecological procedures such as colposcopy, hystero-laparoscopy using integrated knowledge of pre-operative care and procedures like MTP, tubectomy, major gynec surgeries-hysterectomy (K,S)

**PSO6.** To differentiate between normal and abnormal bleeding using knowledge of menstrual cycles physiology, puberty and menopause, outline the etiology and evaluation of infertility, have knowledge of contraception, sterilization and abortion.(K,C) To feel confident to communicate with patients and their attendants with due concern to empathy, ethics and professionalism. (K,C)

**PSO7.** To construct differential diagnosis of patients with common benign gynaecological conditions (K,C) To learn to prevent cancer cervix and HIV (K,C)

## Course Outcomes (COs)

**Course Title & Code: Basic Sciences Applied Basic sciences (MSC505A)**

**Subjects At the end of the course, the students should be able to:**

- CO-1.** Be well versed with the Anatomy and development of the female Reproductive tract. Development of fetus and placenta (K)
- CO-2.** Should know about the placental drug transfer and the effect of drugs on mother and fetus(K)
- CO-3.** Should know the structure synthesis, functions and metabolism of the Gynaecological hormones(K)

## Course Outcomes (COs)

**Course Title & Code: Obstetrics including social obstetrics and Diseases of New Born (MSC506A)**

**Subjects At the end of the course, the students should be able to:**

- CO-1.** Should be able to diagnose both low risk of high risk pregnancy. Should have a thorough knowledge about the labour and its monitoring and management (K.C.P.)
- CO-2.** Should be able to manage abnormal labour and its complications associated (K.C.P)



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- CO-3. To be well versed with all the MH related National programme and community based maternal health care (K,C)
- CO-4. To be able to diagnose common diseases of the newborn(K,C)

### Course Outcomes (COs)

Course Title & Code: Gynecology including fertility Regulation (MSC507A)

Subjects At the end of the course, the students should be able to:

- CO-1. Should be able to diagnose common gynecological problem by performing abdominal & pelvic examination (K,P,C)
- CO-2. Should be able to observe and assist in Gynecological surgeries (K,A)
- CO-3. Should be confident about all family welfare programmes including temporary and permanent methods(K,C)

### Course Outcomes (COs)

Course Title & Code: Recent advances in Obstetric & Gynaecology (MSC508A)

Subjects At the end of the course, the students should be able to:

- CO-1. Should be able to diagnose disorders of sexual differentiation (D & D) and plan for appropriate management (K,A)
- CO-2. Should be able to find the probable course of infertility and plan for ART (K,C)
- CO-3. Should be able to upgrade their knowledge about recent drugs, intervention and trials related to Obstetrics and gynecology(K,A)

### Course Outcomes (COs)

Course Title & Code: Thesis in Obstetrics & Gynaecology (MSP502A)

Subjects At the end of the course, the students should be able to:

- CO-1. Should be introduced to basic research methodology(K,C)
- CO-2. Should be able to independently write the thesis within the stipulated time (K,C,A,P)
- CO-3. Should follow ethical principles related to research (K,A)

  
Registrar  
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