

PEOPLE'S COLLEGE OF MEDICAL SCIENCES & RESEARCH CENTRE, BHANPUR, BHOPAL

UNDERGRADUATE COURSE--

MBBS: OBSTETRICS & GYNECOLOGY

PROGRAM OUTCOMES—

At the end of the course the student shall be competent:

- **Identify various gynecological reproductive disorders concerned with women**
- **To offer preventive obstetric and gynaec services**
- **Comprehend the basic principles of women centered care and informed decision making -- Antenatal, intra partum and postpartum obstetric care in all types of resource settings .**
- **Demonstrate knowledge as regards the health check up of ante partum and intra partum and post partum ,new born for risk assessment .**
- **Cancer cervix related preventive measures.**
- **Prevention of mother to child infections .**
- **Understand the background and measures of Family planning and fertility regulation and counseling services.**
- **Understand clinical basis of minor & major procedures, record keeping & documentation.**

PROGRAM SPECIFIC OUTCOMES—

- **Measures for prevention and diagnosis of PIH—by recording BP ,clinical examination and urine examination .**
- **Identify the high risk pregnancy cases with clinical history and examination with basic investigation -- Anemia, IUGR,APH,recurrent pregnancy loss and intrapartum ,post partum, neonatal risk assessment.**
- **Understand the methods for prevention of prolong labor , still birth, abortions, LSCS . Day to day documentation of treatment plan .**
- **Identify and able to offer prompt treatment or referral for prolonged labor to prevent its consequences**
- **Demonstrate knowledge about delivery , Partogramme, new born examination care , vaccination and referrals.**
- **Identify Provisional Diagnosis and document final diagnosis on discharge .**
- **Understand principle of admissions for routine gynecological problems or documentation and proper referral.**
- **Understand methods of Health check up of all women above thirty years for cervical cytology and colposcopy ,acetic acid test and USG .**
- **Identify STD, including AIDS and have knowledge of Syndromic approach for prevention of PID. Competent to conduct health education for HIV and STD.**
- **Demonstrate knowledge of the basic principles Universal precautions & Managerial skills in Prevention of mother to child transmission of infections .**
- **Develop communication skills & Understand clinical basis of some common --- Minor procedures like episiotomy ,stitch removal , dressing of operations , vaginal packing , removal of drains , starting IV lines , catheterization of patient , cervical cytology ,cervix biopsy ,HSG .Pitocin drip monitoring , induction of labour . CTG monitoring , neonatal resuscitation ,umbilical cord dressing ,immunization of neonate .**
- **Competant to motivate a couple for temporary or permanent contraception practice.**
- **Understand proper audit of birth , deaths related to child birth and gynecological malignancy .**

3 COURSE OUTCOMES---

- At the end of the course the student should have a comprehensive basic & clinical **knowledge related to Female Genito Urinary Tract.**
- **Efficient clinician to deal with normal and abnormal pregnancy and delivery and newborn .**
- **Knowledgeable about practical and operative skills in Obstetrics and Gynaecology**
- **Clinician offering best postpartum care and care of the newborn**
- **Efficient clinician in Investigation selection and interpretation in Obst & Gynae related conditions**
- **Expert in implementation of National Health Programs in team work and offering preventive obstetric services.**

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PEOPLE'S COLLEGE OF MEDICAL SCIENCES & RESEARCH CENTRE, BHANPUR, BHOPAL
MS --OBSTETRICS & GYNECOLOGY

1 PROGRAM OUTCOMES— At the end of the course the student shall be competent:

1. Demonstrate the knowledge of basic principles of antenatal, intra partum and postpartum obstetric care. Referral and rehabilitative services.
2. Comprehend the clinical application of knowledge for diagnosis and management of normal and abnormal pregnancy, labor and new born .Medical record keeping ,audits ,delivery and labor progress documentation.
3. To demonstrate communication and counseling skills, problem solving ability and emergency obstetric care (EMOC), professional etiquette & ethics.
4. To adopt art of practice based learning, research methods ,exploratory thinking (research aptitude),independent study and self improvement ,
5. To adopt medical education teaching learning skills.
6. Should have leadership quality for family planning and fertility regulation counseling and service and preventive oncology services.

2 PROGRAM SPECIFIC OUTCOMES—

- 1 TO CONDUCT HEALTH CHECK up of pregnant cases for risks with clinical history and examination with basic investigations .Understand diagnosis and management of normal and abnormal pregnancy and delivery. Should deliver postpartum and new born care . Should conduct clinical examination . Practice case documentation of ANC ,PNC, Menopause ,Infertility ,adolescent clinic ,Family welfare clinics and also Inter departmental referrals and expert opinion documentation .
- 2 ACQUIRE PRACTICAL AND OPERATIVE SKILLS AND KNOWLEDGE of investigation selection and interpretation in Obst & Gynae. Prevention of PIH , Anemia, IUGR ,Health check up of all women above thirty years for precancerous conditions and its treatment
- 3 ACQUIRE COMMUNICATION SKILLS while preparing patient for laprotomy, LSCS, MTP, Instrumental delivery, excision biopsies.
 - Arranging blood donation for emergency cases .Encouraging mother for breast feeding
 - Convincing the cases for temporary or permanent contraception .
 - Declaration of complications in the fetus, mother or gynecology operative cases.
 - Referrals / management --in obstetric complications like PPH, Obstructed labour, shock, rupture uterus, perforation of uterus, ruptured ectopic, eclampsia, accidental deaths .
 - Team work within department &coordination with other departments
 - To provide joint care for patients such as PIH , Eclampsia , GDM ,heart disease , jaundice pulmonary problems ,uro gynaecological problems and other medical diseases.

PROFESSIONAL ETHICS, PNMT MTP ,Tubectomy

- *Examination of case by practicing aseptic precautions*
- *Vaccination--- in pregnancy , puberty age , epidemics .*

- Avoid unnecessary procedures like unwarranted hysterectomy or LSCS MTP, Forced vasectomy or tubectomy .
- *Following Universal precautions & Managerial skills in Prevention of mother to child infections from the parents like HIV by retroviral treatment .*
- **Regular intradepartmental audits and maternal and neonatal mortality meetings .Clinicopathology and radiology meetings .**

WILL DEMONSTRATE ADEQUATE MANAGEMENT SKILLS WITH QUALITIES OF EXPLORATIVE THINKING –

- **Day to day daily documentation of treatment plan , provisional diagnosis final diagnosis on discharge. Document probable differential diagnosis ,to Investigate the lady from differential diagnosis point of view ,to document the history as regards the complications.**
- *Planning alternative treatment strategies for special cases like Menorrhagia ,post menopausal bleeding , anaemia ,eclampsia , PIH,SHOCK DIC,Multiorgan failure .*
- *Offering DAY CARE SERVICES –endoscopic procedures and investigations and therapies.*

PROBLEM SOLVING ABILITY AND EMERGENCY SKILLS

- Sudden infant death .Eclampsia ,Maternal table death
- Intraoperative complications like injury to ureter , intestine haemorrhage , PPH
- Shoulder dystocia ,Inversion of uterus ,Breech labour , retained placenta and fresh still births , cord prolapsed .
- Accidental injuries in the indoor cases ,MLC ,Minor complains of the relatives and para medicals

LEADERSHIP QUALITY –

- *Arrange and work in cervical and breast cancer , ovarian malignancies ,diagnostic camps in the rural set up &OPD .*
- *Planning for home visits to drop outs for ANC check up or follow up for high risk cases.*
- *Arranging for transfer of cases from one health care centre to better one with the availability of facility . Documentation of condition of the critical case examination findings as regards to date and time .*
- *Arranging for adolescent health screening programmes for anaemia , menstrual problems congenital defects of uterus , HPV vaccination against cervical cancer , or rubella vaccination*

PRACTICE BASED LEARNING –

- *Under graduate teaching ,Conducting normal and instrumental delivery LSCS , MTP , Hysterectomy ,Exploratory laparotomy , endoscopic surgery ,plastic surgery and repairs*
- Allotting a short research question study .Learning the biostatistics and analisation of data .Short presentations of research work in the conferences or CME

INDEPENDENT LEARNING --Under graduate teaching.

- Scientific presentations ,Poster presentations ,Group discussions,Case presentations
- Journal reading ,Exploring Research question ,Mounting of specimens
- Use of different aids or instruments for management of cases
- Work shops for ambulant health care services like cryocauterisation , diagnosis of HPV infections by colposcopy and its treatment by cauterization .Cervical cancer screening camps ,
- Tubal ligation , no scalpel vasectomy camps ,Operative work shops for gynaecological conditions

COURSE OUTCOME

- Student upon successfully qualifying the MS examination should be a competent gynecologist and obstetrician offering women centered care and informed decision making in all types of resource settings. *While dealing with patients will follow principles of primary health care.*
- Expert in preventive obstetric services individualization and application ,
- Best health care provider organizing team work with vertical and horizontal integration so as to provide holistic care to women during pregnancy and otherwise. Best councilor for Family planning practices and Preventive oncology services.
- Considerate and kind physician to understand health needs of the community and the national priorities in the health . Good clinician providing preventive and rehabilitative services .
- Will have management skills to function as an effective leader of the team engaged in teaching , research will recognize continuing education needs.

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