



UNIVERSITY RESIDENCY PROGRAM 2019 LOG BOOK FOR OBSTETRICS AND GYNAECOLOGY RAWALPINDI MEDICAL UNIVERSITY





PREFACE

The horizons of *Medical Education* are widening & there has been a steady rise of global interest in *Post Graduate Medical Education*, an increased awareness of the necessity for experience in education skills for all healthcare professionals and the need for some formal recognition of postgraduate training in Gynaecology and Obstetrics.

We are seeing a rise in the uptake of places on postgraduate courses in medical education, more frequent issues of medical education journals and the further development of e-journals and other new online resources. There is therefore a need to provide active support in *Post Graduate Medical Education* for a larger, national group of colleagues in all specialties and at all stages of their personal professional development. If we were to formulate a statement of intent to explain the purpose of this log book, we might simply say that our aim is to help clinical colleagues to teach and to help students to learn in a better and advanced way. This book is a state of the art log book with representation of all activities of the **MD/MS Research Elective** program at RMU. A summary of the curriculum is incorporated in the logbook for convenience of supervisors and residents. It also allows the clinicians to gain an understanding of what goes into basic science discoveries and drug development. Translational **research** has an **important role** to play in **medical research**, and when used alongside basic science will lead to increased knowledge, discovery and treatment in **medicine**. A perfect monitoring system of a training program including monitoring of teaching and learning strategies, assessment and Research Activities cannot be denied so we at RMU have incorporated evaluation by **Quality Assurance Cell** and its comments in the logbook in addition to evaluation by **University Training Monitoring Cell (URTMC)**. Reflection of the supervisor in each and every section of the logbook has been made sure to ensure transparency in the training program. The mission of Rawalpindi Medical University is to improve the health of the communities and we serve through education, biomedical research and health care. As an integral part of this mission, importance of research culture and establishment of a comprehensive research structure and research curriculum for the residents has been formulated and a separate journal for research publications of residents is available.

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(MBBS, MCPS, FCPS, FACG, FRCP (Lon),
FRCP (Glasg), AGAF)
Vice Chancellor
Rawalpindi Medical University & Allied Hospitals
Rawalpindi

MOTTO OF RAWALPINDI MEDICAL UNIVERSITY

Truth, Wisdom & Service

MISSION STATEMENT

The mission of Residency Program of Obstetrics and Gynaecology of Rawalpindi Medical University is:

1. To promote the slogan of “healthy mother and healthy baby”
2. To provide best care for treating all patients of Obstetrics and Gynaecology with uncompromising dedication and skill.
3. To set and pursue the highest goals for ourselves as we learn the science, craft, and art of patient care in Obstetrics and Gynaecology.
4. To passionately teach our junior colleagues and students as we have been taught by those who preceded us.
5. To treat our colleagues and hospital staff with kindness, respect, generosity of spirit, and patience.
6. To foster the excellence and well-being of our residency program by generously offering our time, talent, and energy on its behalf.
7. To support and contribute to the research mission of our center, nation, and the world by pursuing new knowledge, whether at the bench or bedside.
8. To promote the translation of the latest scientific knowledge to the bedside to improve our understanding of disease pathogenesis and ensure that all patients receive the most scientifically appropriate and up to date care.
9. To promote responsible stewardship of Hospital resources by wisely selecting diagnostic tests and treatments, recognizing that our individual decisions impact not just our own patients, but patients everywhere.
10. To promote social justice by advocating for equitable health care, without regard to race, gender orientation, social status, or ability to pay.
11. To extend our talents outside the walls of our hospitals and clinics for community awareness as well as to promote the health and well-being of mother and baby, locally, nationally, and internationally.
12. To serve as proud ambassadors for the mission of the Rawalpindi Medical University MS Obstetrics and Gynaecology Residency Program for the remainder of our professional lives.
13. To understand significance of safe motherhood and to strive for the best to achieve sustainable developmental goals.

CONTRIBUTORS

ENROLMENT DETAILS

Program of Admission _____

Session _____

Registration / Training Number _____

Name of Candidate _____

Father's Name _____

Date of Birth ____ / ____ / ____ CNIC No. _____

Present Address _____

Permanent Address _____

E-mail Address _____

Cell Phone _____

Date of Start of Training _____

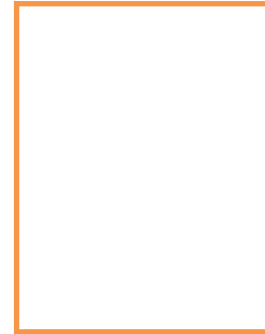
Date of Completion of Training _____

Name of Supervisor _____

Designation of Supervisor _____

Qualification of Supervisor _____

Title of department / Unit _____



Name of Training Institute / Hospital _____

- | Sr. No | Discipline |
|--------|---|
| 1. | OBSTETRICS & GYNAECOLOGY |
| 2. | SUB SPECIALTY:
UROGYNAECOLOGY

GYNAECOLOGICAL ONCOLOGY

ENDOCRINOLOGY AND SUBFERTILITY

ENDOSCOPIC GYNAECOLOGY

FETAL MEDICINE |

Please write your discipline on the line below:

INTRODUCTION

It is a structured book in which certain types of educational activities and patient related information is recorded, usually by hand. Logbooks are used all over the world from undergraduate to postgraduate training, in human, veterinary and dental medicine, nursing schools and pharmacy, either in paper or electronic format .

Logbooks provide a clear setting of learning objectives and give trainees and clinical teachers a quick overview of the requirements of training and an idea of the learning progress. Logbooks are especially useful if different sites are involved in the training to set a (minimum) standard of training. Logbooks assist supervisors and trainees to see at one glance which learning objectives have not yet been accomplished and to set a learning plan. The analysis of logbooks can reveal weak points of training and can evaluate whether trainees have fulfilled the minimum requirements of training.

Logbooks facilitate communication between the trainee and clinical teacher. Logbooks help to structure and standardize learning in clinical settings. In contrast to portfolios, which focus on students' documentation and self-reflection of their learning activities, logbooks set clear learning objectives and help to structure the learning process in clinical settings and to ease communication between trainee and clinical teacher. To implement logbooks in clinical training successfully, logbooks have to be an integrated part of the curriculum and the daily routine on the ward. Continuous measures of quality management are necessary.

Reference

Brauns KS, Narciss E, Schneyinck C, Böhme K, Brüstle P, Holzmann UM, et al. Twelve tips for successfully implementing logbooks in clinical training. Med Teach. 2016 Jun 2; 38(6): 564–569.

INDEX OF LOG:

- 1. MORNING REPORT PRESENTATION/CASE PRESENTATION**
- 2. TOPIC PRESENTATION/SEMINAR**
- 3. DIDACTIC LECTURES/INTERACTIVE LECTURES**
- 4. JOURNAL CLUB**
- 5. PROBLEM CASE DISCUSSION**
- 6. EMERGENCY CASES**
- 7. INDOOR PATIENTS**
- 8. OPD AND CLINICS**
- 9. PROCEDURES (OBSERVED, ASSISTED,PERFORMED UNDER SUPERVISION & PERFORMED INDEPENDENTLY)**
- 10. MULTIDISCIPLINARY MEETINGS**
- 11. CLINICOPATHOLOGICAL CONFERENCE**
- 12. MORBIDITY/MORTALITY MEETINGS**
- 13. HANDS ON TRAINING/WORKSHOPS**
- 14. PUBLICATIONS**
- 15. MAJOR RESEARCH PROJECT DURING MS TRAINING/ANY OTHER MAJOR RESEARCH PROJECT**
- 16. WRITTEN ASSESMENT RECORD**
- 17. CLINICAL ASSESMENT RECORD**
- 18. EVALUATION RECORD**
- 19. LEAVE RECORD**
- 20. RECORD SHEET OF ATTENDANCE/COUNCELLING SESSION/DOCUMENTATION QUALITY**
- 21. ANY OTHER IMPORTANT AND RELEVANT INFORMATION/DETAILS**

MINIMUM LOG BOOK ENTERIES PER MONTH IN GENERAL

(This minimum number is being provided for uniformity of the training and convenience for monitoring of the resident's performance by Quality Assurance Cell & University Research Training & Monitoring Cell of RMU but resident is encouraged to show performance above this minimum required number)

SR.NO	ENTRY	MINIMUM CASES /TIME DURATION
01	Case presentation	01 per month
02	Topic presentation	01 per month
03	Journal club	01 per month
04	Bed side teaching	10 per month
05	Large group teaching	04 per month
06	Emergency cases	10 per month
07	Outdoor and clinical	30 per month
08	Indoor (patients allotted)	10 per month plus participation in daily Morning & Evening rounds
09	Directly observed procedures	6 per month
10	CPC	02 per month
11	Mortality & Morbidity meetings	02 per month
12	Hands on Training	02 per month
13	Written assessment Test	02 per month
14	Case base learning / Problem base learning	02 per month

CLINICAL COMPETENCIES/SKILLS/PROCEDURES FOR 1st, 2nd, 3rd AND 4th YEAR MS TRAINEES OBSTETRICS AND GYNAECOLOGY

The clinical competencies, an obstetrician / gynaecologist must have, are varied and complex. A complete list of the skills necessary for trainees and trainers is given below. The level of competence to be achieved each year is specified according to the key, as follows:

1. **Observer status**

2. **Assistant status**

3. **Performed under supervision**

4. **Performed under indirect supervision**

5. **Performed independently**

Note: Levels 4 and 5 for practical purposes are almost synonymous

COMPETENCIES	First Year								
	3Months		6Months		9Months		12Months		Total Cases 1st Year
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	
OBSTETRICS ANTENATAL (OPD & WARD)									
Eliciting pertinent history	1	30	2	30	3	30	4	30	120
Performing physical examination	1	30	2	30	3	30	4	30	120
Requesting appropriate investigations	1	30	2	30	3	30	4	30	120
Interpreting the results of investigations	1	30	1	30	2	30	3	30	120
Deciding and implementing appropriate treatment	1	30	1	30	2	30	2	30	120
Initial management of obstetric complications	1	30	1	30	2	30	3	30	120
Maintaining follow up	1	30	2	30	3	30	4	30	120
Using ultrasound (basic)	1	30	1	30	2	30	3	30	120
Fetal monitoring (including CTG)	1	30	2	30	3	30	4	30	120
Amniocentesis									
Management of medical disorders in pregnancy	1	30	1	30	1	30	2	30	120
Nutrition and physical activity advice	1	30	2	30	3	30	4	30	120

COMPETENCIES	First Year								
	3Months		6Months		9Months		12Months		Total Cases 1st Year
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	
OBSTETRICS INTRAPARTUM (Labour Room)									
Assessment on admission/ Identification of high risk factors	1	30	2	30	3	30	4	30	120
Medical induction of labour/Termination of pregnancy	1	30	2	30	3	30	4	30	120
Surgical induction of labour	1	30	2	30	3	30	4	30	120
Management of normal labour	1	30	2	30	3	30	4	30	120
Performing and repairing episiotomy	1	30	1	30	2	30	3	30	120
Repair of vaginal and perineal tears (excluding third degree tears)	1	30	1	30	1	30	2	30	120
Repair of third degree	1		1		1		1		
Immediate management of postpartum haemorrhage	1	30	1	30	1	30	2	30	120
Uterine packing	1	10	1	10	1	10	1	20	50
Outlet forceps delivery	1	5	1	5	1	10	2	10	30
Vacuum extraction	1	5	1	5	1	10	2	10	30
Caesarean section	1	30	1	30	1	30	2	30	120
Repair of ruptured uterus	1		1		1		1		
Obstetric hysterectomy	1		1		1		1		
Breech,twin delivery, destructive operation,craniotomy etc	1	5	1	5	1	10	2	10	30

COMPETENCIES	First Year								
	3Months		6Months		9Months		12Months		Total Cases 1st Year
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	
OBSTETRICS POSTNATAL									
Resuscitation of neonate	1	30	1	30	2	30	3	30	120
Contraception counseling/advice	1	60	2	60	3	60	4	60	240
Insertion of IUCD	1	30	1	30	1	30	2	30	120
Insertion of implant	1	20	1	20	1	20	1	20	80
Lactation management	1	100	2	100	3	100	4	100	400
Nutritional management (Anaemia, obesity)	1	100	2	100	3	100	4	100	400

COMPETENCIES	First Year								
	3Months		6Months		9Months		12Months		Total Cases 1st Year
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	
GYNAECOLOGY (OPD & WARD)									
Eliciting pertinent history	1	30	2	30	3	30	4	30	120
Performing physical examination	1	30	2	30	3	30	4	30	120
Requesting appropriate investigations	1	30	2	30	3	30	4	30	120
Interpreting the results of investigations	1	30	1	30	2	30	3	30	120
Deciding and implementing appropriate treatment	1	30	1	30	1	30	2	30	120
Approach to a patient with menstrual irregularities	1	30	1	30	1	30	2	30	120
Approach to a patient with mass abdomen	1	30	1	30	1	30	2	30	120
Approach to a patient with pain abdomen	1	30	1	30	1	30	2	30	120
Management of early pregnancy loss	1	30	1	30	1	30	2	30	120
Managing immediate omplications	1	30	1	30	1	30	2	30	120
Maintaining follow up	1	30	1	30	2	30	3	30	120
Taking Pap smear	1	30	2	30	3	30	4	30	120
Taking high vaginal swabs	1	30	1	30	2	30	3	30	120
Arranging assesment by an anesthetist	1	30	1	30	2	30	3	30	120
Colposcopy	1	10	1	10	1	10	1	10	30
Hystero salpingography (injection of dye)	1	5	1	5	1	5	2	5	20
LLETZ /Cauterization of cervix /cryosurgery	1	2		4	1	2	1	2	10

COMPETENCIES	First Year								Total Cases 1st Year
	3Months		6Months		9Months		12Months		
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	
GYNAECOLOGY OPERATIVE SKILLS (B1 GENERAL SKILLS)									
Scrubbing, gowning and gloving	1	50	2	50	3	50	4	50	200
Scrubbing and draping of patients in various positions	1	50	2	50	3	50	4	50	200
Opening and closing abdomen	1	30	2	30	3	30	4	30	120
GYNAECOLOGY OPERATIVE SKILLS (B2 OPERATIONS)									
Evacuation of Retained products of conception	1	30	1	30	1	30	1	30	120
Dilatation and curettage	1	30	1	30	1	30	1	30	120
STOP	1	5	1	5	1	5	1	5	20
Pipelle biopsy	1	30	1	30	1	30	2	30	120
Cervical Biopsy	1	30	1	30	1	30	1	30	120
Polypectomy	1	30	1	30	1	30	1	30	120
Marsupialization of Bartholin,s Cyst	1	30	1	30	1	30	1	30	120
Minilaparotomy (for tubal ligation)	1	30	1	30	1	30	1	30	120
Drainage of abscess	1	30	1	30	1	30	1	30	120
Post-partum tubal ligation	1	10	1	10	1	10	1	20	50
Diagnostic laparoscopy	1	5	1	5	1	10	1	10	30
Diagnostic hysteroscopy	1	5	1	5	1	10	1	10	30
Ovarian Cystectomy	1	5	1	5	1	10	1	10	30
Laparotomy for ectopic pregnancy	1	10	1	10	1	20	1	20	60
Myomectomy	1	5	1	5	1	5	1	5	20
Abdominal hysterectomy	1	5	1	5	1	5	1	5	20
Vaginal hysterectomy	1	5	1	5	1	5	1	5	20
Anterior colporrhaphy	1	5	1	5	1	5	1	5	20
Posterior colpoperineorrhaphy	1	5	1	5	1	5	1	5	20
Sacrohysteropexy	1	1	1	1	1	1	1	2	5
Sacrocolpopexy	1	1	1	1	1	1	1	2	5
Vulvectomy	1	1	1	1	1	1	1	2	5
Staging Laparotomy	1	5	1	5	1	5	1	5	20

COMPETENCIES	Second Year								
	15Months		18Months		21Months		24Months		Total Cases 2nd Year
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	
OBSTETRICS ANTENATAL (OPD & WARD)									
Eliciting pertinent history	4	30	4	30	4	30	4	30	120
Performing physical examination	4	30	4	30	4	30	4	30	120
Requesting appropriate investigations	4	30	4	30	4	30	4	30	120
Interpreting the results of investigations	3	30	3	30	3	30	3	30	120
Deciding and implementing appropriate treatment	2	30	2	30	2	30	2	30	120
Initial management of obstetric complications	3	30	3	30	3	30	3	30	120
Maintaining follow up	4	30	4	30	4	30	4	30	120
Using ultrasound (basic)	3	30	3	30	3	30	3	30	120
Fetal monitoring (including CTG)	4	30	4	30	4	30	4	30	120
Amniocentesis Demonstration on videos									
Management of medical disorders in pregnancy	4	30	4	30	4	30	4	30	120
Nutrition and physical activity advice	3	30	3	30	3	30	3	30	120
Approach to a patient with abdominal pain in pregnancy	1	30	2	30	2	30	3	30	120
Management of medical disorders in pregnancy(diabetes, HTN, cardiac disease, epilepsy, renal diseases, thyroid disorders, liver disease, disorders of respiratory system)	1	30	2	30	2	30	3	30	120
Management of PPRM and preterm labour	1	30	2	30	2	30	3	30	120
Management of prolonged pregnancy	1	30	2	30	2	30	3	30	120
Management of IUGR and abnormalities of amniotic fluid.	1	30	2	30	2	30	3	30	120
Management of multiple pregnancy	1	30	2	30	2	30	3	30	120
Management of Malpresentations.	1	30	2	30	2	30	3	30	120
Management of Antepartum hemorrhage.	1	30	2	30	2	30	3	30	120
Nutrition and physical activity advice	1	30	2	30	2	30	4	30	120
Counseling of IUD	1	5	2	5	2	10	3	10	30
Counseling of congenitally abnormal fetus.	1	5	2	5	2	10	3	10	30

COMPETENCIES	Second Year								
	15Months		18Months		21Months		24Months		Total Cases 2nd Year
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	
OBSTETRICS INTERPARTUM									
Assessment on admission/ Identification of high risk factors	4	30	4	30	4	30	4	30	120
Induction of labour/ Medical Termination of pregnancy	4	30	4	30	4	30	4	30	120
Surgical induction of labour	4	30	4	30	4	30	4	30	120
Management of normal labour	4	30	4	30	4	30	4	30	120
Performing and repairing episiotomy	3	30	3	30	3	30	3	30	120
Repair of vaginal and perineal tears (excluding third degree tears)	2	30	2	30	2	30	2	30	120
Repair of third degree	1	2	1	2	1	2	1	4	10
Immediate management of postpartum haemorrhage	2	30	2	30	2	30	2	30	120
Uterine packing	2	10	2	10	2	10	2	20	50
Outlet forceps delivery	3	30	3	30	3	30	3	30	120
Vacuum extraction	3	30	3	30	3	30	3	30	120
Caesarean section	3	10	3	10	3	10	3	20	50
Repair of ruptured uterus (Cases distributed in 12 months)	1	5	1	5	1	5	1	5	20
Obstetric hysterectomy (Cases distributed in 12 months)	1	2	1	2	1	2	1	4	10
Breech,twin delivery, destructive operation,craniotomy etc	2	5	2	5	2	10	2	10	30

COMPETENCIES	Second Year								
	15Months		18Months		21Months		24Months		Total Cases 2 nd Year
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	
OBSTETRICS POSTNATAL									
Resuscitation of neonate	3	30	3	30	3	30	3	30	120
Contraception counseling/advice	4	60	4	60	4	60	4	60	240
Insertion of IUCD	2	30	2	30	2	30	2	30	120
Insertion of implant	2	20	2	20	2	20	2	20	80
Lactation management	4	100	4	100	4	100	4	100	400
Nutritional management (Anaemia, Obesity)	4	100	4	100	4	100	4	100	400

COMPETENCIES	Second Year								
	15Months		18Months		21Months		24Months		Total Cases 2 nd Year
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	
GYNAECOLOGY (OPD & WARD)									
Eliciting pertinent history	4	30	4	30	4	30	4	30	120
Performing physical examination	4	30	4	30	4	30	4	30	120
Requesting appropriate investigations	4	30	4	30	4	30	4	30	120
Interpreting the results of investigations	3	30	3	30	3	30	3	30	120
Deciding and implementing appropriate treatment	2	30	2	30	2	30	2	30	120
Approach to a patient with menstrual irregularities	2	30	2	30	2	30	2	30	120
Approach to a patient with mass abdomen	2	30	2	30	2	30	2	30	120
Approach to a patient with pain abdomen	2	30	2	30	2	30	2	30	120
Management of early pregnancy loss	3	30	3	30	3	30	3	30	120
Managing immediate complications	3	30	3	30	3	30	3	30	120
Maintaining follow up	4	30	4	30	4	30	4	30	120
Taking Pap smear	3	30	3	30	3	30	3	30	120
Taking high vaginal swabs	4	30	4	30	4	30	4	30	120
Arranging assessment by an anesthetist	4	30	4	30	4	30	4	30	120
Colposcopy	1	5	1	5	1	10	1	10	30
Hysterosalpingography (injection of dye)	2	30	2	30	2	30	2	30	120
LLETZ /Cauterization of cervix /cryosurgery	1	2	1	2	1	2	1	4	10
Management of infective causes of vaginal discharge	3	30	3	30	3	30	3	30	120

COMPETENCIES	Second Year								
	15Months		18Months		21Months		24 Months		Total Cases 2 nd Year
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	
GYNAECOLOGY OPERATIVE SKILLS (B1 GENERAL SKILLS)									
Scrubbing, gowning and gloving	4	50	4	50	4	50	4	50	200
Scrubbing and draping of patients in various positions	4	50	4	50	4	50	4	50	200
Opening and closing abdomen	4	30	4	30	4	30	4	30	120
GYNAECOLOGY OPERATIVE SKILLS (B2 OPERATIONS)									
Evacuation of Retained products of conception	1	30	1	30	1	30	1	30	120
Dilatation and curettage	1	30	1	30	1	30	1	30	120
STOP	1	5	1	5	1	5	1	5	20
Pipelle biopsy	2	30	2	30	2	30	2	30	120
Cervical Biopsy	1	30	1	30	1	30	1	30	120
Polypectomy	1	30	1	30	1	30	1	30	120
Marsupialization of Bartholin,s Cyst	1	30	1	30	1	30	1	30	120
Minilaparotomy (for tubal ligation)	1	30	1	30	1	30	1	30	120
Drainage of abscess	1	30	1	30	1	30	1	30	120
Post-partum tubal ligation	1	30	1	30	1	30	1	30	120
Diagnostic laparoscopy	1	5	1	5	1	10	1	10	30
Operative laparoscopy	1	5	1	5	1	5	1	5	20
Diagnostic hysteroscopy	1	5	1	5	1	10	1	10	30
Ovarian Cystectomy	1	5	1	5	1	10	1	10	30
Laparotomy for ectopic pregnancy	1	10	1	10	1	20	1	20	60
Myomectomy	1	5	1	5	1	5	1	5	20
Abdominal hysterectomy	1	5	1	5	1	5	1	5	20
Vaginal hysterectomy	1	5	1	5	1	5	1	5	20
Anterior colporrhaphy	1	5	1	5	1	5	1	5	20
Posterior colpoperineorrhaphy	1	5	1	5	1	5	1	5	20
Sacrohysteropexy	1	1	1	1	1	1	1	2	5
Sacrocolpopexy	1	1	1	1	1	1	1	2	5
Vulvectomy	1	1	1	1	1	1	1	2	5
Staging Laparotomy	1	5	1	5	1	5	1	5	20

COMPETENCIES	Third Year								Total Cases 3 rd Year
	27Months		30Months		33Months		36Months		
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	
OBSTETRICS ANTENATAL (OPD & WARD)									
Eliciting pertinent history	4	30	4	30	4	30	4	30	120
Performing physical examination	4	30	4	30	4	30	4	30	120
Requesting appropriate investigations	4	30	4	30	4	30	4	30	120
Interpreting the results of investigations	3	30	3	30	3	30	3	30	120
Deciding and implementing appropriate treatment	2	30	2	30	2	30	2	30	120
Initial management of obstetric complications	3	30	3	30	3	30	3	30	120
Maintaining follow up	4	30	4	30	4	30	4	30	120
Using ultrasound (basic)	3	30	3	30	3	30	3	30	120
Fetal monitoring (including CTG)	4	30	4	30	4	30	4	30	120
Amniocentesis									
Management of medical disorders in pregnancy	3	30	3	30	3	30	3	30	120
Nutrition and physical activity advice	3	30	3	30	3	30	3	30	120
Approach to a patient with abdominal pain in pregnancy	3	30	3	30	3	30	3	30	120
Management of medical disorders in pregnancy(diabetes, HTN, cardiac disease, epilepsy, renal diseases, thyroid disorders, liver disease, disorders of respiratory system)	3	30	3	30	3	30	3	30	120
Management of PPROM and preterm labour	3	30	3	30	3	30	3	30	120
Management of prolonged pregnancy	3	30	3	30	3	30	3	30	120
Management of IUGR and abnormalities of amniotic fluid.	3	30	3	30	3	30	3	30	120
Management of multiple pregnancy	3	30	3	30	3	30	3	30	120
Management of Malpresentations.	3	30	3	30	3	30	3	30	120
Management of Antepartum hemorrhage.	4	30	4	30	4	30	4	30	120
Nutrition and physical activity advice	4	30	4	30	4	30	4	30	120
Counseling of IUD	3	5	3	5	3	10	3	10	30
Counseling of congenitally abnormal fetus.	3	5	3	5	3	10	3	10	30
Prenatal diagnosis	1	5	2	5	2	10	3	10	30
Management of RH incompatibility	1	2	2	2	2	2	3	4	10
Management of VTE	1	2	2	2	2	2	3	4	10

COMPETENCIES	Third Year								
	27Months		30Months		33Months		36Months		Total Cases 3rd Year
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	
OBSTETRICS INTERPARTUM									
Assessment on admission/ Identification of high risk factors	4	30	4	30	4	30	4	30	120
Medical induction of labour/Termination of pregnancy	4	30	4	30	4	30	4	30	120
Surgical induction of labour	4	30	4	30	4	30	4	30	120
Management of normal labour	4	30	4	30	4	30	4	30	120
Performing and repairing episiotomy	4	30	4	30	4	30	4	30	120
Repair of vaginal and perineal tears (excluding third degree tears)	4	30	4	30	4	30	4	30	120
Repair of third degree	2	30	2	30	2	30	2	30	120
Immediate management of postpartum haemorrhage	3	30	3	30	3	30	3	30	120
Uterine packing	3	10	3	10	3	10	3	20	50
Outlet forceps delivery	3	5	3	5	3	10	3	10	30
Vacuum extraction	3	5	3	5	3	10	3	10	30
Caesarean section	4	30	4	30	4	30	4	30	120
Repair of ruptured uterus (Cases distributed in 12 months)	3		3		3		3		
Obstetric hysterectomy (Cases distributed in 12 months)	3	1	3	1	3	1	3	2	5
Breech,twin delivery, destructive operation,craniotomy etc	3	5	3	5	3	10	3	10	30

COMPETENCIES	Third Year								
	27Months		30Months		33Months		36Months		total Cases 3 rd Year
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	
OBSTETRICS POSTNATAL									
Resuscitation of neonate	3	30	3	30	3	30	3	30	120
Contraception counseling/advice	4	60	4	60	4	60	4	60	240
Insertion of IUCD	2	30	2	30	2	30	2	30	120
Insertion of Implant	2	30	2	30	2	30	2	30	120
Lactation management	4	100	4	100	4	100	4	100	400
Nutritional management (Anaemia, obesity)	4	100	4	100	4	100	4	100	400

COMPETENCIES	Third Year								
	27Months		30Months		33Months		36Months		Total Cases 3 rd Year
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	
GYNAECOLOGY (OPD & WARD)									
Eliciting pertinent history	4	30	4	30	4	30	4	30	120
Performing physical examination	4	30	4	30	4	30	4	30	120
Requesting appropriate investigations	4	30	4	30	4	30	4	30	120
Interpreting the results of investigations	3	30	3	30	3	30	3	30	120
Deciding and implementing appropriate treatment	4	30	4	30	4	30	4	30	120
Approach to a patient with menstrual irregularities	4	30	4	30	4	30	4	30	120
Approach to a patient with mass abdomen	4	30	4	30	4	30	4	30	120
Approach to a patient with pain abdomen	4	30	4	30	4	30	4	30	120
Management of early pregnancy loss	3	10	3	10	3	10	3	20	50
Managing immediate complications	4	5	4	5	4	10	4	10	30
Maintaining follow up	4	30	4	30	4	30	4	30	120
Taking Pap smear	4	30	4	30	4	30	4	30	120
Taking high vaginal swabs	4	30	4	30	4	30	4	30	120
Arranging assessment by an anesthetist	4	30	4	30	4	30	4	30	120
Colposcopy	2	5	2	5	2	10	2	10	30
Hystero salpingography (injection of dye)	2	5	2	5	2	5	2	5	20
LLETZ /Cauterization of cervix /cryosurgery	1	2	1	2	1	2	1	4	10
Management of infective causes of vaginal discharge	4	10	4	10	4	10	4	20	50
Approach to patient with disorder of sexual development	1	2	2	2	2	2	3	4	10
Management and follow up of molar pregnancy	1	10	3	10	3	10	4	20	50
Management of PID	1	10	3	10	3	10	4	20	50
Management of sub fertility/PCOS	1	5	2	5	2	10	3	10	30
Management of endometriosis	1	5	2	5	2	5	3	5	20
Management of adnexal mass	1	5	2	5	2	10	3	10	30
Management of Uterovaginal prolapsed	1	5	2	5	2	10	3	10	30
Management of benign and malignant tumors of genital tract	1	5	2	5	2	10	3	10	30
Urogynecology	1	5	2	5	2	10	3	10	30

COMPETENCIES	Third Year								Total Cases 3rd Year
	27Months		30Months		33Months		36 Months		
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	
GYNAECOLOGY OPERATIVE SKILLS (B1 GENERAL SKILLS)									
Scrubbing, gowning and gloving	5	50	5	50	5	50	5	50	200
Scrubbing and draping of patients in various positions	5	50	5	50	5	50	5	50	200
Opening and closing abdomen	5	30	5	30	5	30	5	30	120
GYNAECOLOGY OPERATIVE SKILLS (B2 OPERATIONS)									
Evacuation of Retained products of conception	5	10	5	10	5	10	5	20	50
Dilatation and curettage	5	5	5	5	5	10	5	10	30
STOP	4	30	4	30	4	30	4	30	120
Pipelle biopsy	5	2	5	2	5	2	5	4	10
Cervical Biopsy	4	5	4	5	4	10	4	10	30
Polypectomy	5	5	5	5	5	5	5	5	20
Marsupialization of Bartholin,s Cyst	5	5	5	5	5	10	5	10	30
Minilaparotomy (for tubal ligation)	3	5	3	5	3	10	3	10	30
Drainage of abscess	3	5	3	5	3	10	3	10	30
Post-partum tubal ligation	3	5	3	5	3	10	3	10	30
Diagnostic laparoscopy	5	5	5	5	5	10	5	10	30
Operative laparoscopy	1	5	1	5	1	5	1	5	20
Diagnostic hysteroscopy	2	5	2	5	2	10	2	10	30
Ovarian Cystectomy	3	5	3	5	3	10	3	10	30
Laparotomy for ectopic pregnancy	5	5	5	5	5	10	5	10	30
Myomectomy	2	5	2	5	2	5	2	5	20
Abdominal hysterectomy	3	5	3	5	3	5	3	5	20
Vaginal hysterectomy	3	5	3	5	3	5	3	5	20
Anterior colporrhaphy	3	5	3	5	3	5	3	5	20
Posterior colpoperineorrhaphy	3	5	3	5	3	5	3	5	20
Sacrohysteropexy	2	1	2	1	2	1	2	2	5
Sacrocolpopexy	2	1	2	1	2	1	2	2	5
Vulvectomy	2	1	2	1	2	1	2	2	5
Staging Laparotomy	2	5	2	5	2	5	2	5	20

COMPETENCIES	Fourth Year								
	39Months		42Months		45Months		48Months		Total Cases 4 th Year
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	
OBSTETRICS ANTENATAL (OPD & WARD)									
Eliciting pertinent history	5	30	5	30	5	30	5	30	120
Performing physical examination	5	30	5	30	5	30	5	30	120
Requesting appropriate investigations	5	30	5	30	5	30	5	30	120
Interpreting the results of investigations	5	30	5	30	5	30	5	30	120
Deciding and implementing appropriate treatment	5	30	5	30	5	30	5	30	120
Initial management of obstetric complications	5	30	5	30	5	30	5	30	120
Maintaining follow up	5	30	5	30	5	30	5	30	120
Using ultrasound (basic)	5	30	5	30	5	30	5	30	120
Fetal monitoring (including CTG)	5	30	5	30	5	30	5	30	120
Amniocentesis		30		30		30		30	
Management of medical disorders in pregnancy	5	30	5	30	5	30	5	30	120
Nutrition and physical activity advice	5	30	5	30	5	30	5	30	120
Approach to a patient with abdominal pain in pregnancy	5	30	5	30	5	30	5	30	120
Management of medical disorders in pregnancy(diabetes, HTN, cardiac disease, epilepsy, renal diseases, thyroid disorders, liver disease, disorders of respiratory system)	5	30	5	30	5	30	5	30	120
Management of PPRM and preterm labour	5	30	5	30	5	30	5	30	120
Management of prolonged pregnancy	5	30	5	30	5	30	5	30	120
Management of IUGR and abnormalities of amniotic fluid.	5	30	5	30	5	30	5	30	120
Management of multiple pregnancy	5	30	5	30	5	30	5	30	120
Management of Malpresentations.	5	30	5	30	5	30	5	30	120
Management of Antepartum hemorrhage.	5	30	5	30	5	30	5	30	120
Nutrition and physical activity advice	5	2	5	2	5	2	5	4	10
Counseling of IUD	5	5	5	5	5	10	5	10	30
Counseling of fetal congenital abnormalities	5	5	5	5	5	10	5	10	30
Prenatal diagnosis	4	2	4	2	4	2	4	4	10
Management of RH incompatibility	4	2	4	2	4	2	4	4	10
Management of VTE	4	2	4	2	4	2	4	4	10

COMPETENCIES	Fourth Year								
	39Months		42Months		45Months		48Months		Total Cases 4 th Year
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	
OBSTETRICS INTERPARTUM									
Assessment on admission/ Identification of high risk factors	5	30	5	30	5	30	5	30	120
Medical induction of labour/Termination of pregnancy	5	30	5	30	5	30	5	30	120
Surgical induction of labour	5	30	5	30	5	30	5	30	120
Management of normal labour	5	30	5	30	5	30	5	30	120
Performing and repairing episiotomy	5	30	5	30	5	30	5	30	120
Repair of vaginal and perineal tears (excluding third degree tears)	5	30	5	30	5	30	5	30	120
Repair of third degree tear	3		3		3		3		
Immediate management of postpartum haemorrhage	5	30	5	30	5	30	5	30	120
Uterine packing	5	10	5	10	5	10	5	20	50
Outlet forceps delivery	5	5	5	5	5	10	5	10	30
Vacuum extraction	5	5	5	5	5	10	5	10	30
Caesarean section	5	30	5	30	5	30	5	30	120
Repair of ruptured uterus (Cases distributed in 12 months)	4		4		4		4		
Obstetric hysterectomy (Cases distributed in 12 months)	5	1	5	1	5	1	5	2	5
Breech,twin delivery, destructive operation,craniotomy etc	5	5	5	5	5	10	5	10	30

COMPETENCIES	Fourth Year								
	39Months		42Months		45Months		48Months		total Cases 4rth Year
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	
OBSTETRICS POSTNATAL									
Resuscitation of neonate	5	30	5	30	5	30	5	30	120
Contraception counseling/advice	5	60	5	60	5	60	5	60	240
Insertion of IUCD	5	30	5	30	5	30	5	30	120
Insertion of Implant	4	30	4	30	4	30	4	30	120
Lactation management	5	100	5	100	5	100	5	100	400
Nutritional management (Anaemia, obesity)	5	100	5	100	5	100	5	100	400

COMPETENCIES	Fourth Year								
	39Months		42Months		45Months		48Months		Total Cases 4rth Year
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	
GYNAECOLOGY (OPD & WARD)									
Eliciting pertinent history	5	30	5	30	5	30	5	30	120
Performing physical examination	5	30	5	30	5	30	5	30	120
Requesting appropriate investigations	5	30	5	30	5	30	5	30	120
Interpreting the results of investigations	5	30	5	30	5	30	5	30	120
Deciding and implementing appropriate treatment	5	30	5	30	5	30	5	30	120
Approach to a patient with menstrual irregularities	5	30	5	30	5	30	5	30	120
Approach to a patient with mass abdomen	5	30	5	30	5	30	5	30	120
Approach to a patient with pain abdomen	5	30	5	30	5	30	5	30	120
Management of early pregnancy loss	5	10	5	10	5	10	5	20	50
Managing immediate complications	5	5	5	5	5	10	5	10	30
Maintaining follow up	5	30	5	30	5	30	5	30	120
Taking Pap smear	5	30	5	30	5	30	5	30	120
Taking high vaginal swabs	5	30	5	30	5	30	5	30	120
Arranging assessment by an anesthetist	5	30	5	30	5	30	5	30	120
Colposcopy	4	5	4	5	4	10	4	10	30
Hystero salpingography (injection of dye)	4	5	4	5	4	5	4	5	20
LLETZ /Cauterization of cervix /cryosurgery	4	2	4	2	4	2	4	4	10
Management of infective causes of vaginal discharge	5	10	5	10	5	10	5	20	50
Approach to patient with disorder of sexual development	5	10	5	10	5	10	5	20	50
Management and follow up of molar pregnancy	5	10	5	10	5	10	5	20	50
Management of PID	5	10	5	10	5	10	5	20	50
Management of sub fertility/PCOS	5	5	5	5	5	10	5	10	30
Management of endometriosis	5	5	5	5	5	5	5	5	20
Management of adnexal mass	5	5	5	5	5	10	5	10	30
Management of Uterovaginal prolapsed	5	5	5	5	5	10	5	10	30
Management of benign and malignant tumors of genital tract	4	5	4	5	4	10	4	10	30
Urogynecology	4	5	4	5	4	10	4	10	30

COMPETENCIES	Fourth Year								
	39Months		42Months		45Months		48 Months		Total Cases 4rth Year
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	
GYNAECOLOGY OPERATIVE SKILLS (B1 GENERAL SKILLS)									
Scrubbing, gowning and gloving	5	50	5	50	5	50	5	50	200
Scrubbing and draping of patients in various positions	5	50	5	50	5	50	5	50	200
Opening and closing abdomen	5	30	5	30	5	30	5	30	120
GYNAECOLOGY OPERATIVE SKILLS (B2 OPERATIONS)									
Evacuation of Retained products of conception	5	10	5	10	5	10	5	20	50
Dilatation and curettage	5	5	5	5	5	10	5	10	30
STOP	4	5	4	5	4	5	4	5	20
Pipelle biopsy	5	30	5	30	5	30	5	30	120
Cervical Biopsy	5	2	5	2	5	2	5	4	10
Polypectomy	5	5	5	5	5	10	5	10	30
Marsupialization of Bartholin,s Cyst	5	5	5	5	5	10	5	10	30
Minilaparotomy (for tubal ligation)	4	5	4	5	4	10	4	10	30
Drainage of abscess	5	5	5	5	5	10	5	10	30
Post-partum tubal ligation	5	5	5	5	5	10	5	10	30
Diagnostic laparoscopy	3	5	3	5	3	10	3	10	30
Operative laparoscopy	2	5	2	5	2	5	2	5	20
Diagnostic hysteroscopy	3	5	3	5	3	10	3	10	30
Ovarian Cystectomy	3	5	3	5	3	10	3	10	30
Laparotomy for ectopic pregnancy	5	5	5	5	5	10	5	10	30
Myomectomy	2	5	2	5	2	5	2	5	20
Abdominal hysterectomy	3	5	3	5	3	5	3	5	20
Vaginal hysterectomy	3	5	3	5	3	5	3	5	20
Anterior colporrhaphy	3	5	3	5	3	5	3	5	20
Posterior colpoperineorrhaphy	3	5	3	5	3	5	3	5	20
Sacrohysteropexy	2	1	2	1	2	1	2	2	5
Sacrocolpopexy	2	1	2	1	2	1	2	2	5
Vulvectomy	2	1	2	1	2	1	2	2	5
Staging Laparotomy	2	5	2	5	2	5	2	5	20