
POST GRADUATE CERTIFICATE COURSE IN HIGH RISK OBSTETRICS

D Y PATIL UNIVERSITY, KOLHAPUR

DEPARTMENT OF OBSTETRICS &
GYNAECOLOGY
D Y PATIL MEDICAL COLLEGE, KOLHAPUR

TITLE

Post graduate certificate course in high risk obstetrics.

Duration: 1 year

Eligibility: Minimum M.B.B.S.

Selection criteria for candidates:

- Candidate should be selected in a fair and non-discriminatory manner in accordance with the equal opportunities.
- The selection process will be according to University guidelines.
- Selection of a candidate for a fellowship will be done by an interview with panel of faculties constituted by the University.

Advertisement

- On the institutional website and the intranet
- On the notice boards of the college

Interview

- By a panel of experts of three - including the head of the institute and 2 internal experts.

Selection of candidate: A total number of candidates per year will be as per University regulations. Selection will be based on:

- Performance at interview 30%
- University level academic merits (20%)
- Publications if any (20%)
- Recommendations from PG teacher (20%)

Intake capacity: As per University regulations.

CURRICULUM:

Core Subject:

BASIC OBSTETRICS

- Basic reproduction – anatomy, physiology and endocrinology of reproductive organs.
- Normal Antenatal care.
- Normal Intrapartum care and monitoring. (NST, partogram etc)
- Induction and augmentation of labour.
- Pharmacology.

HIGH RISK OBSTETRICS

- Identification of high risk factors in pregnancy(Medical disorders in pregnancy,obstetric complications)
- Investigation and management of high risk pregnancy.
- Complication of labour and management.
- Operative obstetrics.(LSCS, LSCS with hysterectomy, MRP, IPV, Internal iliac ligation, B lynch , instrumental deliveries)
- Pharmacology

POST NATAL CARE & RELATED

- Normal puerperium.
- Abnormal puerperium.
- Family planning practice.
- ICTC
- Safe procedure of abortion.
- Management of complication of abortion.
- Pharmacology.

SKILLS

Candidate is expected to

- Posted as a resident as per rotation duties in OPD, ward, OT and LR.
- ANC opd.
- Identification (screening) of high risk and normal pregnancies.
- High risk patient monitoring in ward.
- Intrapartum monitoring (maternal and fetal) both normal and high risk cases.
- Able to conduct normal deliveries and perform episiotomy.
- Able to conduct instrumental deliveries under supervision.
- Able to conduct operative deliveries [LSCS, IPV, MRP, etc...]
- Able to manage complication raised in [6, 7, 8] (LSCS with hysterectomy, B lynch, internal iliac ligation, eclampsia, uterine rupture,PPH.)
- Able to perform family planning procedure (IUCD, tubectomy - open/lap] and manage complication.
- Care of new born.
- Counseling (high risk, ICTC, family planning methods, periconceptional).
- Pharmacology related to above.

Elective Subjects:

1. Neonatal care

- Basic care of new born.
- Neonatal asphyxia (prevention and early detection)
- Neonatal sepsis. (preventive ,early diagnosis and management)
- Birth trauma. (preventive ,early diagnosis and management)
- Management of common problems in newborn.
- Pharmacology

2. USG & Color Doppler

- Physics, principle, practice and artifacts of Ultrasound and Doppler.
- Hemodynamic and blood flow.
- 1st trimester sonography.
- 2nd trimester sonography.
- 3rd trimester sonography.
- Possible fetal anomalies.
- Clinical application of Doppler Ultrasound in Obstetrics.

Teaching Methods:

- Hands on training on the available clinical material
- Management of all kinds of cases
- Record maintenance in log book

REFERENCE BOOKS

- D.C. Dutta of obstetrics
- Williams book of obstetrics
- Chaudhary book for family planning
- Fernando Arias – practical guide to high risk pregnancy & delivery
- Holland Brews – Manual of Obstetrics
- Ian Donald –
- Michael De Sweits – Medical disorders during pregnancy
- Gabbe – Niebyl – Simpson – Obstetrics – Normal & Problem pregnancies
- Oxorn – Foote – Human Labour & Birth

Assessment throughout course: Throughout the course student will be evaluated through questions, observing the understanding, acquired skill of performing the procedure and diagnostic ability etc. Credits will be allotted for each sessions consisting syllabus out of the points allotted to each session in the bracket above.

Terminal Assessment: At the end of semesters this will be done by External and Internal Evaluator as shown above.

Theory: At the end of course, knowledge will be evaluated by 50 single response questions or MCQs.

10) LOG BOOK MAINTENANCE

CASES

- ANC	-	50
- Labour	-	50
- Labour conducted	-	10
- Episiotomy	-	05
- Partogram	-	10
- Blood Catheterisation	-	10
- PPH Management	-	02
- Diagnosis and management of -		
- High risk pregnancy	-	10
- Gynaecological cases	-	10
- CuT insertion	-	10
- MVA	-	05
- Assisted LSCS	-	10
- D & E	-	04
- Paps smear	-	05
- Tubectomy	-	10
- TL assisted	-	25

TITLE OF PROGRAM: Post graduate certificate course in high risk Obstetrics

Duration of Program: One year

Number of Semesters: 2

Number of Papers: 4

Core Papers: (60% weightage of marks) [List syllabus for each paper]

Paper –I- Basic Obstetrics

High Risk Obstetrics

Paper –II- PNC Care & Related

New born care

Elective Papers: (25% weightage of marks)

Discipline-related: (Allied specialty, Diagnostic modalities, Sub-specialty)

1. Neonatal care

2. USG & Color Doppler

Foundation Papers: (15% weightage of marks – only compulsory)

Compulsory: 1. Research Methodology

2. Medical Ethics

Value-based (any1): 1. ATCOM

2. Computer skill

3. Marathi language

Semester wise Paper distribution(Core, Elective & foundations as may be applicable):

1. Semester 1:

Core: Basic Obstetrics, High Risk Obstetrics

Foundation (compulsory 1): Research Methodology/Medical Ethics

2. Semester 2:

Core: PNC Care & Related, New born care.

Elective: Neonatal care/USG training & color Doppler.

1 Semester = 450 Hours / 90 Days / minimum 15-18 weeks

	SEMESTER 1			SEMESTER 2		
	Hours	Per Week	Credits	Hours	Per Week	Credits
Core	45	2	3	45	2	3
Elective- Discipline	-	-	-	30	2	2
Elective- Generic	-	-	-	-	-	-
Foundation – Compulsory	45	2	3	-	-	-
Foundation – Value Based	10	1	-	10	1	-
Practicals	350	16	11	365	17	12

Assessment for credit courses (Absolute grading method):

Marks	93%	84%	77%	70%	63%	56%	49%
Letter grade	A+	A	B+	B	C+	C	F
Grade point	10	09	08	07	06	05	00