

Module 1

Antenatal Care

Exit learning outcome	Enabling learning outcome	Contents	Teaching & Learning method	Assessment	Learning resources
To design the management plan for antenatal care.	<ul style="list-style-type: none"> • Describe the aims and pattern of routine antenatal care. • Present pertinent obstetric history. • Measure blood pressure. • Filling of antenatal card. • Perform obstetric abdominal exam. • Interpret relevant investigations. • Prescribe vitamin supplements, tetanus toxoid and Anti-D (if required). • Counseling, education and reassurance of women and her family regarding routine antenatal care. 	<p>Aims of antenatal care.</p> <p>Schedule of antenatal care.</p> <p>General pregnancy dietary advice.</p> <p>Booking test in pregnancy.</p> <p>Maternal and neonatal complications associated with increase BMI in pregnancy.</p> <p>Identification of high risk women.</p>	<p>- OPD - Antenatal Ward (Bedside teaching (Small group Discussion))</p> <p>Obstetrics history and examination (Self study)</p> <p>Normal fetal development and growth (Self study)</p>	OSCE + viva	<p>Obstetrics by Ten Teachers 20th Edition</p> <p>Hacker & Moore's 1st South Asian Edition</p> <p>www.nice.org.uk/guidance/qs22</p>

Module 2

Assessment of fetal well being

Exit learning outcome	Enabling learning outcome	Contents	Teaching & Learning method	Assessment	Learning resources
Manage concerns about fetal wellbeing prior to labour.	<ul style="list-style-type: none"> • Describe basics of USG in obstetric practice (recognize the site and viability of early pregnancy, identify congenital abnormalities and monitor growth of fetus). • Define important features of CTG and Doppler ultrasound. • Interpretation of BPP and its management accordingly. • Perform, interpret and label CTG to recognize fetal compromise. • Counsel the patient and her family regarding loss of fetal well being. • Explain line of action in case of fetal compromise. 	<p>Diagnostic ultrasound in obstetric practice.</p> <p>Ultrasound schedule in clinical practice.</p> <p>Ultrasound in the assessment of fetal well being.</p> <p>Components of CTG.</p> <p>Important features of Doppler ultrasound.</p>	<ul style="list-style-type: none"> - Labour Ward - Small group discussion 	<p>MCQ</p> <p>OSPE</p>	<p>Obstetrics by Ten Teachers 20th Edition</p> <p>Hacker & Moore's 1st South Asian Edition</p>

Module 3

Prenatal diagnosis

Exit learning outcome	Enabling learning outcome	Contents	Teaching & Learning method	Assessment	Learning resources
To understand the significance of prenatal diagnosis.	<ul style="list-style-type: none"> Describe purpose of prenatal diagnosis. Describe invasive & non invasive tests and risk associated with them. Describe methods to perform these tests. Define when & for which conditions these tests are performed. Detailed counseling of women prior and after these screening or diagnostic test regarding purpose and outcome of these tests. Define Down's syndrome and other aneuploidies. 	<p><u>Non invasive test</u></p> <ul style="list-style-type: none"> Ultrasound Cell-free fetal DNA <p><u>Invasive test</u></p> <ul style="list-style-type: none"> Chorion villus sampling Amniocentesis Cordocentesis Care after invasive test Down's syndrome and other aneuploidies 	- Team based learning (TBL)	MCQ SEQ	<p>Obstetrics by Ten Teachers 20th Edition</p> <p>Hacker & Moore's 1st South Asian Edition</p> <p>www.nice.org.uk/guidance/qs22</p>

Module 4

Management of Labour

Exit learning outcome	Enabling learning outcome	Contents	Teaching & Learning method	Assessment	Learning resources
Plan management of labour and delivery.	<ul style="list-style-type: none"> Recognize triaging of patients in the labour ward. Identify obstetrics emergencies. Describe mechanisms of normal labour and delivery. Describe induction and augmentation of labour. Describe monitoring maternal and fetal wellbeing including the partogram. Describe pain relief in labour. Indication options and complication. Describe principles of management of collapsed obstetric patient. Participate in the management of labour. Perform maneuver of mechanism of labour on mannequin. Assist normal vaginal delivery. Empathy and decision making. Awareness of multi professional working. Counseling of patient's relative in case of obstetric emergencies. 	<ul style="list-style-type: none"> Management of normal and abnormal labour. Methods of induction and augmentation of labour; indications, contraindications and complications. Structure and use of partogram. Analgesia and anaesthesia in labour. Causes and management of obstetric emergencies (e.g. massive haemorrhage, Sepsis, eclampsia, amniotic fluid embolism, umbilical cord prolapse, uterine inversion and rupture, trauma to the genital organ). 	<ul style="list-style-type: none"> Small group discussion. Labour Ward 	MCQ OSPE + Viva	Obstetrics by Ten Teachers 20 th Edition Hacker & Moore's 1 st South Asian Edition

Module 5

Operative obstetrics instrumental delivery – shoulder dystocia

Exit learning outcome	Enabling learning outcome	Contents	Teaching & Learning method	Assessment	Learning resources
Plan management of operative vaginal delivery and C-Section.	<ul style="list-style-type: none"> • Describe normal vaginal delivery: • Describe operative vaginal delivery: indications, methods and complications • Describe caesarean section: indications, procedures and complications. • Assist operative vaginal delivery. • Assist caesarean section. • Perform shoulder dystocia maneuver on mannequin. • Perform breech delivery and ECV (external cephalic version) on mannequin • Video of C-section in transverse lie • Counsel and empathise with the needs of mothers in labour. • Communicate clearly and effectively at times of stress. • Respect confidentiality 	Perineal repair Episiotomy Operative vaginal delivery Shoulder dystocia Breech delivery & ECV Caesarean Section	- Small group discussion Skill workshop Audio visual Aid Operation Theatre -	MCQ + SEQ OSPE + viva	Obstetrics by Ten Teachers 20 th Edition Hacker & Moore's 1 st South Asian Edition

Module 6

High Risk Pregnancy

Exit learning outcome	Enabling learning outcome	Contents	Teaching & Learning method	Assessment	Learning resources
Identify and plan management of high risk pregnancy.	<ul style="list-style-type: none"> • Demonstrate risk and monitoring of high risk pregnancy. • Monitoring of fetal well being. • Interpret relevant investigations. • Recognize complications in high risk pregnancy. • Assist cervical cerclage application. • Council the women and her partner regarding risk in pregnancy. 	<ul style="list-style-type: none"> • Multiple pregnancy • Preterm pregnancy • Intrauterine growth restriction • Antepartum haemorrhage • Rhesus isoimmunization 	<ul style="list-style-type: none"> - Small group discussion - Antenatal / Labour Ward (Bedside teaching) - Audio visual aid 	MCQ + SEQ OSPE + viva	<p>Obstetrics by Ten Teachers 20th Edition</p> <p>Hacker & Moore's 1st South Asian Edition</p>

Module 7

Medical Disorders in Pregnancy

Exit learning outcome	Enabling learning outcome	Contents	Teaching & Learning method	Assessment	Learning resources
Manage pre-existing medical conditions and medical conditions arising in pregnancy.	<ul style="list-style-type: none"> • Describe aetiology, risk factors and risk of pre-existing medical conditions on pregnancy. • Interpret relevant investigations. • Demonstrate modification required to continue drug treatment. • Observe the formulation of multidisciplinary management plan. • Perform detailed general physical examination. • Interaction with multidisciplinary team. • Awareness of impact of disease on pregnancy and effect of pregnancy on disease. 	<ul style="list-style-type: none"> • Hypertensive disorder in pregnancy • Diabetes mellitus in pregnancy • Renal disease in pregnancy • Heart disease in pregnancy • Respiratory disease in pregnancy • Epilepsy disease in pregnancy • Anemia in pregnancy • Viral hepatitis • Bleeding disorder in pregnancy 	<ul style="list-style-type: none"> - Small group discussion - Labour Ward/ Antenatal Ward (Bedside teaching) 	MCQ + SEQ OSPE + viva	<p>Obstetrics by Ten Teachers 20th Edition</p> <p>Hacker & Moore's 1st South Asian Edition</p> <p>NICE clinical guidelines 107 (HTN)</p> <p>NICE clinical guidelines 63 (GDM)</p>

Module 8

Perinatal Infection

Exit learning outcome	Enabling learning outcome	Contents	Teaching & Learning method	Assessment	Learning resources
Mange common viral and bacterial infections in pregnancy.	<ul style="list-style-type: none"> Describe the common viral and bacterial infections seen in pregnancy as well as acquired around the time of delivery having implications for mother, fetus and infant. Interpretation of lab tests. Describe infections which are included in routine pregnancy screening and principles of their management. Describe perinatal infection causing long term disease along with measures to prevent vertical transmission. Explain active management of HIV in pregnancy. Awareness of mode of transmission and prevention from viral infection. Awareness of vaccine against rubella. 	<ul style="list-style-type: none"> Rubella Chickenpox Herpes simplex virus (HSV) Group B streptococcus HIV 	<p>- Team based learning (TBL)</p> <p>Self Study</p> <ul style="list-style-type: none"> Syphilis Toxoplasmosis Cytomegalo virus Parvovirus Chlamydia Gonorrhoea 	MCQ + SEQ	<p>Obstetrics by Ten Teachers 20th Edition</p> <p>Hacker & Moore's 1st South Asian Edition</p>

Module 9

Antenatal Obstetric Complications

Exit learning outcome	Enabling learning outcome	Contents	Teaching & Learning method	Assessment	Learning resources
Manage complications in pregnancy affected by lifestyle.	<ul style="list-style-type: none"> • Describe aetiology risk factor and management of common complications in pregnancy. • Interpret relevant investigations. • Assist in procedure of amnioreduction. • Assist in heparin administration. • Awareness of risk and its impact on mother & fetus. 	<ul style="list-style-type: none"> • Minor problems in pregnancy • Urinary tract infection • Venous thromboembolism 	<ul style="list-style-type: none"> - Small group discussion - Antenatal / Labour Ward (Bedside teaching) 	MCQ OSPE + Viva	Obstetrics by Ten Teachers 20 th Edition Hacker & Moore's 1 st South Asian Edition

Module 10

Postpartum problems

Exit learning outcome	Enabling learning outcome	Contents	Teaching & Learning method	Assessment	Learning resources
Manage the postnatal period and its related complications.	<ul style="list-style-type: none"> • Describe an understanding of a normal physiological changes after child birth. • Describe the common abnormalities of the postpartum period. • Identify and describe management of postpartum psychosis. • Describe the importance and techniques of breastfeeding. • Appropriate use of blood and blood products. • Describe the management of perineal trauma. • Advice regarding postpartum contraception. • Awareness of the roles of other healthcare professionals (psychiatrists, physiotherapists). • Awareness and importance of breastfeeding. • Display empathy with women with puerperal problems. 	<ul style="list-style-type: none"> • Physiological changes. • Recovery after child birth. • Puerperal disorder. • Psychiatric disorder. • Use of common drugs in breast feeding mother. • Postpartum contraception. • Define perinatal death. 	<ul style="list-style-type: none"> - Small group discussion - Antenatal Ward Bedside teaching 	SEQ + MCQ	<p>Obstetrics by Ten Teachers 20th Edition</p> <p>Hacker & Moore's 1st South Asian Edition</p>