Basic Gynaecology and Obstetrics

Objectives:

At the end of the course, the students will be able to

- Define and explain the common gynaecological and obstetrical terms and issues.
- Provide antenatal check-up, advice and treatment of minor ailments and diseases of pregnant mother.
- Provide intra natal care in presence of graduate doctor.
- Provide postnatal check-up, advice and treatment of minor ailments and diseases of mother and new-born.
- Detect early high risk pregnancy, intra natal and postnatal problems of mother and newborn.
- Provide early appropriate referral services when needed.

List of Competencies to Acquire-

- Recognise early common gynaecological and obstetrical diseases/ problems.
- Provide complete care to the patients of simplest gynaecological and obstetrical diseases/ problems.
- Provide 1st line management of all common gynaecological and obstetrical diseases/ problems.
- Refer early the patients of gynaecological and obstetrical diseases/ problems to appropriate place when needed.

Contents	Learning Objectives	Train	ing /Learning ex	periences	Expected	Assessment
		Class-room	Practical /visit	Aids	hours	
Section -1					/days	
1. Normal Pregnancy:	At the end of learning activities the	Lecture	Case	Black Board /	Lec-2 hrs	Written
 Gravida 	students must be able to:		demonstration	White Board/		(SAQ)
 Primipara 	 Define the terms: Gravida , 		in Hospitals'	OHP/Multimedia		
 Multipara 	Primipara and Multipara		indoor/outdoor		Visit/Pr4	
 Expected date of 	 Calculate Gravida, Para, L.M.P 		& Health	Instruments for	hrs	Viva &
delivery (E.D.D)	and E.D.D		centres	the procedures		Clinical/
 Last menstrual period 						Practical
(L.M.P)				Patients		
2. Obstetrical examination:	At the end of learning activities the	Lecture	Case	Black Board /	Lec-5 hrs	Written
History taking	students must be able to:		demonstration	White Board/		(SAQ)
General examination	Take obstetrical history		in Hospitals'	OHP/		
• Par –abdominal	• Take relevant personal,		indoor/outdoor	Multimedia	Visit/Pr.—	
examination of pregnant	medical, surgical and family		& Health		7 hrs	Viva &
women	history		centres	Instruments for	/ 1118	Clinical /
	 Conduct general examination 			the procedures		Practical
	of pregnant women					
	 Conduct routine obstetrical 			Patients		
	examination					
	 Determine height of the 					
	fundus, lie of the foetus,					
	presentation of foetus by the					
	following factors by palpation					
	of the abdomen of pregnant					
	woman.					
	 Provide proper referral services 					
	when needed.					

Contents	Learning Objectives	Trainiı	ng /Learning expe	eriences	Expected	Assessment
		Class-room	Practical /visit	Aids	hours	
Section -1					/days	
3. Labour :	At the end of learning activities the	Lecture	Case	Black Board /	Lec-3 hrs	Written
 Definition 	students must be able to:		demonstration	White Board/		(SAQ)
 Onset of labour 	Define labour		in Hospitals' &	OHP/		
 Stages of labour 	State characteristics of descent of		Health centres'	Multimedia	Visit/Pr	
 Progress of labour 	head of foetus, dilatation of cervix		labour room		3 hrs	Viva &
	and strength, duration and frequency			Instruments and	Jins	Clinical/
	of contractions.			medicines for		Practical
	Mention the characteristics of onset			the procedures		
	of labour, stages of labour and					
	progress of labour by symptoms and			Patients &		
	signs.			Dummy		
4. Conduction of labour	At the end of learning activities the	Lecture	Case	Black Board /	Lec-4 hrs	Written
	students will be able to conduct		demonstration	White Board/		(SAQ)
	normal labour in presence of graduate		in Hospitals' &	OHP/		
	doctor recognising:		Health centres'	Multimedia	Visit/Pr	
	• Onset of labour, stages of labour and		labour room		6 hrs	Viva &
	progress of labour by symptoms and			Instruments and	Ollis	Clinical/
	signs.			medicines for		Practical
	• Descent of head of foetus, dilatation			the procedures		
	of cervix and strength, duration and					
	frequency of contractions.			Patients &		
				Dummy		

Contents	Learning Objectives	Trai	ining /Learning e	xperiences	Expected	Assessment
g a		Class-	Practical /visit	Aids	hours	
Section -2		room			/days	
Antenatal check up:	At the end of learning activities the	Lecture	Case	Black Board /	Lec-5 hrs	Written
 Organization of antenatal 	students must be able to:		demonstration	White Board/		(SAQ)
clinic	Organize an antenatal clinic		in Hospitals'	OHP/Poster/Slide		
 Conduction of antenatal 	Conduct antenatal check up		indoor/outdoor	/ Image/ Videos	Visit/Pr6	
check up	Provide health education to the		& Health	/Multimedia	hrs	Viva &
 Health education to the 	pregnant women and their		centres	T , 1		Clinical/
pregnant women and their	attendants			Instruments and medicines/		Practical
attendants	Measure Hb% by shahlis method					
Measurement Hb% by	Estimate urine sugar by benedict			reagents for the		
shahlis method	test			procedures		
• Estimation urine sugar by	Estimate urine albumin by heat			Patients		
benedict test	coagulation test			rationts		
• Estimation urine albumin by	Measure blood pressure					
heat coagulation test	Measure body weight and height					
Measurement of blood	Immunize against tetanus					
pressure	• Treat minor ailments (Section-3)					
Measurement body weight	Treat mild anaemia and vitamin					
and height	deficiency					
• Immunization against tetanus	 Detect high risk patients 					
• Treatment of minor ailments	 Provide proper referral services 					
(Section-3)	when needed.					
• Treatment of anaemia and						Written
vitamin deficiency						(SAQ)
• Determination of High-risk		Lecture			Lec-1 hrs	Viva &
pregnancy: (Section-3)						Clinical/
						Practical

Contents	Learning Objectives	Trai	ning /Learning ex	Expected	Assessment	
~		Class-room	Practical /visit	Aids	hours	
Section -3					/days	
1. Common conditions	At the end of learning activities the	Lecture	Case	Black Board /	Lec-5 hrs	Written
related to pregnancy &	students must be able to recognise &		demonstration	White Board/		(SAQ)
their managements	serve the patients with following minor		in Hospitals'	OHP/ Multimedia		
	ailments encountered during pregnancy:		indoor/outdoor		Visit/Pr 4	
	 Morning sickness 		& Health	Instruments and	hrs	Viva &
	Headache		centres	medicines for the		Clinical/
	Heart burn			procedures		Practical
	 Dyspepsia 			D.:		
	 Constipation 			Patients		
	Oedema					
	Vomiting					
	 Provide proper referral services 					
	when needed					
2. General disease in	At the end of learning activities the	Lecture	Case	Black Board /	Lec-5 hrs	Written
Pregnancy	students must be able to recognise &		demonstration	White Board/		(SAQ)
	serve the patients with following minor		in Hospitals'	OHP/ Multimedia		
	diseases encountered during pregnancy:		indoor/outdoor		Visit/Pr - 4	
	 Urinary tract infection 		& Health	Instruments and	hrs	Viva &
	 Genital tract infection 		centres	medicines for the		Clinical/
	Anaemia			procedures		Practical
	 Moniliasis 					
	 Trichomoniasis 			Patients		
	 Gonorrhoea 					
	• Fever					
	Abdominal pain					
	Hyperemesis gravidarum					
	 Provide proper referral services 					
	when needed					

Contents	Learning Objectives	Traiı	ning /Learning ex	Expected	Assessment	
		Class-room	Practical /visit	Aids	hours /days	
3. High Risk Pregnancy	Able to define and recognise/suspect clinically and refer properly after giving adequate 1st line management to the following high risk pregnancy: • Pre-eclampsia • Eclampsia • Abortions • Ectopic Pregnancy Pregnancy with any bad obstetrical history: • Previous caesarean section • Still birth	Lecture	Case demonstration in Hospitals & Health centres	Black Board / White Board/ OHP/ Multimedia Instruments and for the procedures Patients Black Board / White Board/ OHP/ Multimedia Instruments and	Lec-4 hrs Visit/Pr -4 hrs Lec-2 hrs Visit/Pr - 2 hrs	Written (SAQ) Viva & Clinical/ Practical
	 Jaundice during pregnancy Diabetic mother Any other abnormalities during pregnancy Ante Partum haemorrahage (APH) 			for the procedures Patients		

Subject : Basic Gynaecology and Obstetrics

Contents	Learning Objectives	Traini	ing /Learning	experiences	Expected	Assessment
		Class-room	Practical /visit	Aids	hours /days	
 4.Health of mother & Newborn Effects of anaemia and prevention of anaemia in pregnancy and labour Management of cord, eye and general hygiene of the new born. Immunization of new born & mother. Advantages of breast feeding and establishment of exclusive breast feeding 	 At the end of learning activities the students must be able to: Explain effects of anaemia on pregnancy and labour Give necessary advice and medication to prevent anaemia in pregnancy Give necessary advice for management of cord, eye and general hygiene of the new born. Give necessary advice for immunization of new born & mother Explain advantages of breast feeding and give necessary advice for establishment of exclusive breast feeding 	Lecture	Case demonstrati on in Hospitals Indoor /Outdoor & Health centres	Black Board / White Board/ OHP/ /Multimedia Instruments and medicines for the procedures Patients	Lec-4 hrs Visit/Pr-3 hrs	Written (SAQ) Viva & Clinical/ Practical
Common problems of mother & new born in postpartum period: Cracked nipple Mastitis Breast abscess Postpartum haemorrhage (PPH) Retained placenta Birth asphyxia, septicaemia and sever jaundice of new born	Able to recognise/suspect clinically and refer promptly after giving adequate 1 st line management to the following common problems of mother & new born in postpartum period: Cracked nipple Mastitis Breast abscess Postpartum haemorrhage (PPH) Retained placenta Birth asphyxia, septicaemia and sever jaundice of new born	Lecture		Black Board / White Board/ OHP/Poster/Slide / Image/ Videos /Multimedia Instruments for the procedures Patients	Lec-4 hrs Visit/Pr -3 hrs	Written (SAQ) Viva & Clinical/ Practical

Contents	Learning Objectives	Train	ing /Learning ex	Expected	Assessment	
		Class-room	Practical /visit	Aids	hours /days	
 5. Family Planning Definition and importance of family planning Common contractive methods 	 Define family planning Mention the importance of family planning List the common contractive methods: Temporary methods: Oral pills Condom IUD Injection Permanent methods: Vasectomy Tubectomy Explain the correct use of the common contractive methods 	Lecture	/visit Demonstration in F.P. Clinic	Black Board / White Board/ OHP/Poster/Slide / Image/ Videos /Multimedia Instruments and medicines for the procedures Family planning clients	/days Lec-6 hrs. Visit/Pr- 4 hrs	Written (SAQ) Viva & Clinical/Practical