



**Key:**

Common competency framework competences Medical leadership framework competences Health inequality framework competences

## Core Module 10: Management of Labour

**Learning outcomes:**

- To understand and demonstrate appropriate knowledge, skills and attitudes in relation to labour

Knowledge criteria	GMP	Clinical competency	GMP	Professional skills and attitudes	GMP	Training support	Evidence/assessment
Mechanisms of normal labour and delivery	1,2	Manage: <ul style="list-style-type: none"> <li>▪ in-utero transfer</li> <li>▪ intrauterine fetal death (IUFD)</li> <li>▪ women who decline blood products</li> <li>▪ obstetric haemorrhage</li> <li>▪ severe pre-eclampsia</li> <li>▪ obstetric collapse</li> </ul> Prioritise labour ward problems  Evaluate clinical risk  Liaise with other staff  Interpret a CTG  Manage: <ul style="list-style-type: none"> <li>▪ induction of labour</li> <li>▪ delay in labour</li> <li>▪ labour after a previous lower segment caesarean section</li> <li>▪ preterm labour</li> </ul> Perform and interpret a fetal blood sample  Prescribe blood products appropriately  Advise on pain relief  Removal of cervical suture  Counsel and consent for fetal post-mortem in cases of intrauterine fetal death  Manage abdominal pain	1,2	Demonstrate the appropriate use of protocols and guidelines  Demonstrate the ability to prioritise cases and have the skills to supervise the workload on a labour ward  Respect cultural/religious differences in attitudes to childbirth  Practice effective liaison with colleagues in other disciplines, clinical and non-clinical  Demonstrate the ability to deal sensitively with the issues regarding intrauterine fetal death  Recognise personal limitations and the need to refer appropriately  <i>Keep accurate contemporaneous records</i>  <i>Ensure prompt post-incident report is completed</i>	1,2	CTG training  Eclampsia drill  Drill for obstetrical collapse  Communication in an emergency  Breaking bad news study session  Perinatal mortality and morbidity meetings  StratOG.net: Management of Labour and delivery e-tutorials  Disposal of fetal parts  RCOG Good Practice Guideline: Disposal following pregnancy loss before 24 weeks of gestation. RCOG website.  Courses such as ALSO and MOET  <i>The Obstetrician and Gynaecologist journal</i>	Meetings attended  Case reports  Audit project  Annual Review  Logbook  Reflective diary  OSATS- Fetal blood sampling  MRCOG Part Two
Induction and augmentation of labour							
Drugs acting upon the myometrium							
Structure and use of partograms							
Fluid balance in labour							
Blood products							
Regional anaesthesia, analgesia and sedation							
Fetal wellbeing and compromise							
Prolonged labour							
Emergency policies/maternal collapse/haemorrhage							
Pre-term labour/ premature rupture of membranes							
Cervical cerclage							
Multiple pregnancy in labour							
Severe pre-eclampsia and eclampsia							
In-utero fetal death (IUFD), including legal issues							
Acute abdominal pain							



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## Appendix to Module 10: Management of Labour

- Mechanisms of normal and abnormal labour
- Mechanism of spontaneous vaginal delivery
- Methods of induction of labour; indications, contraindications and complications
- Methods of augmentation of labour; indications, contra-indications and complications
- Drugs acting upon the myometrium and cervix
- Structure and use of partograms
- Fluid balance in labour
- Transfusion
- Types and methods of action of regional anaesthesia including epidural (lumbar, caudal), spinal, pudendal nerve block; indications and contra-indications
- Types and methods of action of analgesia and sedation including narcotics, hypnotics, psychotropics, non-steroidal anti-inflammatory drugs; indications, contra-indications
- Complications of anaesthesia and analgesia including cardiac arrest, respiratory arrest, aspiration, drug reactions
- Assessment of fetal wellbeing using fetal heart rate monitoring, acid/base balance, and fetal scalp blood sampling
- Causes and management of fetal compromise including cord prolapse and intra-uterine fetal death
- IUFD – legalities regarding registration and disposal of fetal tissue
- Causes and management of prolonged labour
- Causes and management of maternal collapse including massive haemorrhage, cardiac problems, pulmonary and amniotic embolism, drug reactions, trauma
- Emergency guidelines and procedures
- Ante and intra partum haemorrhage including, placenta praevia, vasa praevia, ruptured uterus, coagulation defects, iatrogenic causes
- Causes, mechanisms of action and complications of pre-term labour/ premature rupture of membranes including fetal pulmonary maturity, infection risks
- Preterm labour including therapy (antibiotics, steroids, tocolysis), consultation with neonatologists, in-utero transfer, methods of delivery (induction of labour, timing, mode), outcomes, risks
- Role and types of cervical cerclage
- Multiple pregnancy in labour
- Severe pre-eclampsia and Eclampsia
- Placental abruption



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Core Module 10 Logbook	Competence level		Basic level		Intermediate level		Advanced level		Not required	
	Level 1		Level 2		Level 3					
	Date	Signature	Date	Signature	Date	Signature				
Induce labour										
Manage delay in first labour										
Manage delay in second stage of labour										
Advise on pain relief										
Interpret CTG										
Perform fetal blood sampling										
Manage fetal acidaemia										
Manage preterm labour and delivery										
Manage labour after previous caesarean section										
Management of the breech in labour										
Management of transverse lie in labour										
Cord prolapse										



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Core Module 10 Logbook	Competence level		Basic level		Intermediate level		Advanced level		Not required	
	Level 1		Level 2		Level 3					
	Date	Signature	Date	Signature	Date	Signature				
Manage severe pre-eclampsia										
Manage eclampsia <span style="float: right;">OM</span>										
Manage obstetric antepartum haemorrhage										
Safe use of blood products										
Manage obstetrical collapse										
Manage intrauterine infection										
Prioritise labour ward problems										
Evaluate clinical risk										
Coordinate and run labour ward										
Liaise with other staff										
Manage in utero transfer										
Manage in utero fetal death										
Leadership in acute emergency										



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Training Courses or sessions		
Title	Signature of educational supervisor	Date
Eclampsia drill		
Drill for obstetric collapse		
ALSO/MOET or similar		

Authorisation of signatures (to be completed by the clinical trainers)	
Name of clinical trainer (please print)	Signature of clinical trainer



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<b>OSATS</b>	<b>Each OSATS should be successfully completed for Independent Practice on 3 occasions before the module can be signed off</b>					
<b>Fetal blood sampling</b>	<b>Date</b>		<b>Date</b>		<b>Date</b>	
	<b>Signature</b>		<b>Signature</b>		<b>Signature</b>	

<b>COMPLETION OF MODULE 10</b>		
I confirm that all components of the module have been successfully completed:		
<b>Date</b>	<b>Name of educational supervisor</b>	<b>Signature of educational supervisor</b>