



MCAI | Maternal & Childhealth
Advocacy International

Address: 1 Columba Court,
Laide, Scotland, UK
IV222NL

MCAI Liberia: House 13, Phebe
Hospital, Suakoko,
Bong, Liberia

Email: director@mcai.org.uk

Website: www.mcai.org.uk

Training plan for year 2 for 9 obstetric clinician trainees

Each week there will be at least one day a week of totally protected teaching time for our trainees at CB Dunbar, CH Rennie and Redemption Hospitals.

This means that from 0900 to 1700 hours on the protected day, each of the trainees assigned to these three hospitals must be engaged in training for the whole day apart from a 1 hour's lunch break and a 30 minutes break during the morning and the afternoon of the protected day.

During the protected day, there should be 3 separate tutorials undertaken using either "Go to Meeting" or face to face with doctors based at the three hospitals. For the remaining time, the trainees will study the textbook according to the programme provided below. Some of the tutorials will be undertaken by Professor Southall using distance learning conferencing and some by Drs Dolo, Gorpudolo and Dr Johnson (or their deputies).

During the whole of each protected day at CH Rennie and Redemption Hospitals, the MCAI programme manager (Amos Davis) will be with the trainees to ensure that the technology works and that they study throughout the day.

It is essential that during their protected day, the trainees are based in a quiet room away from the clinical areas and that none of the trainees are assigned to clinical work. Cover for their clinical work must be provided by other clinical personnel in each hospital (doctors or midwives).

Outline plan for training

For the first hour of each training day there will a 30-minute quiz based on the previous week's learning. There will then be a 1 hour of assigned reading from the MCAI textbook. This will cover the topics to be discussed in the tutorials for that particular day. The trainees must read these sections in the initial set aside hour of the training day, but it is also recommended that they read them in advance at home (homework).

Each tutorial will be accompanied by power-point presentations and videos which are outlined below for each protected training day. These videos and power-point presentations are located in the E Library and should again be studied as homework before the training day begins so that the trainee is already well prepared for each tutorial.

Plan for each training day at all 3 Hospitals

Date of each tutorial reflecting 1 week's work	Contents of training	Reference pages in textbook	Reference in E library videos <i>In obstetric video folder unless indicated in red</i>	E Library power-points EMNH course
Week 1 begins 16/Jan/17	Safe blood transfusion Triage	21-26 30-33		EMNH no;12 EMNH no; 9 and 9b
Week 2 begins 23/Jan/17	Antenatal care and the hospital Nursing pregnant women and girls in hospital	136-139 139-144	Focused AN care Food for life Warning signs pregnancy Preparing birth room The birthing process Vaginal exam in labour	
Week 3 30/Jan/17	Managing normal labour and delivery (part 1: partograph,)	144-150	Giving good care in labour How to use partogram Initial assess in labour	
Week 4 6/Feb/17	Managing normal labour and delivery (part 2) First stage and induction (include ARM oxytocin)	150-153		
Week 5 13/Feb/17	Managing normal labour and delivery (part 3) Second and third stage	153-157	Examining placenta Managing 2 nd stage Managing 3 rd stage Manual removal placenta Manual removal retained placenta	
Week 6 20/Feb/17	Pathways of care Infection control	158-165 7-10	 Handwashing x2	EMNH 11
Week 7 27/Feb/17	Structured approach to emergencies in pregnancy	34-43	Jaw thrust pregnancy Are you alright, look listen feel	EMNH 3,4 and 7
Week 8 6/Mar/17	Shock in pregnancy or the puerperium	166-172	NASG in shock	EMNH 16,18 and 24

Date of each tutorial reflecting 1 week's work	Contents of training	Reference pages in textbook	Reference in E library videos <i>In obstetric video folder unless indicated in red</i>	E Library power-points EMNH course
Week 9 13/Mar/17	Severe anaemia Sickle cell disease	172-176		
Week 10 20/Mar/17	Septic abortion Ruptured ectopic pregnancy	176-177, 183 177-179	Parenteral antibiotics Ruptured ectopic pregnancy	EMNH 13
Week 10A 27/Mar/17	Miscarriage	179-183		EMNH 13
Week 11 3/Apr/17	Antepartum haemorrhage	183-189	Simulated massive obs haemorrhage APH couvelaire	EMNH 26, 36
Week 12 10/Apr/17	Postpartum haemorrhage	189-200	Condom uterine tamponade Massive PPH Glowm Prevention, management PPH MAF Setting up condom catheter Uterine balloon tamponade Aortic compression	EMNH 17,26,33,37
Week 13 17/Apr/17	Hypertension during pregnancy, pre-eclampsia and eclampsia (part 1)	200-211	Hypertension, preeclampsia and eclampsia Simulated eclampsia	EMNH 25
Week 14 24/Apr/17	Hypertension during pregnancy, pre-eclampsia and eclampsia (part 2)	200-211	Eclampsia with warning Recovery from eclampsia	EMNH 35,38
Week 15 1/May/17	Prolonged and obstructed labour	211-215	The position of baby in labour	EMNH 27
Week 16 8/May/17	Ruptured uterus Shoulder dystocia	215-219	Rubin 2 Shoulder dystocia K Hinshaw Shoulder dystocia manikin Sholder dystocia McRoberts Suprapubic pressure	EMNH 27,32

Date of each tutorial reflecting 1 week's work	Contents of training	Reference pages in textbook	Reference in E library videos <i>In obstetric video folder unless indicated in red</i>	E Library power-points EMNH course
Week 17 15/May/17	Puerperal sepsis	219-223	Immediate care after birth Preventing infection at birth	
Week 18 22/May/17	Pulmonary embolus Amniotic fluid embolus	223-226		EMNH 14
Week 19 29/May/17	Reduced fetal movements, intrauterine death and stillbirth	227-229		
Week 20 5/Jun/17	Fetal distress during labour	230-232	Audit obstetric cases 1 and 2 Confidential inquiries CESDI Fetal heart rate monitoring	
Week 21 12/June/17	Preparation for and care of the baby at birth	330-334		
Week 22 19/June/17	Resuscitation of the new-born	334-342	Breech and neonatal resus <i>Airway position bag mask (AV)</i> <i>Check bag mask (AV)</i> <i>Bag mask new-born (NV)</i> <i>Cardiac compressions newborn (NV)</i> <i>Difficulties bag mask (NV)</i> <i>Drying new-born baby (NV)</i> <i>Gasping during resus (NV)</i> <i>Neonatal resus MAF (NV)</i> <i>Neonatal resus with harmful suction (NV)</i> <i>Umbilical vein cannulation (NV)</i>	EMNH 5,6,8,39
Week 23 26/June/17	Multiple births	232-235		EMNH 10
Week 24 3/Jul/17	Mal-presentations and mal-positions	235-241		EMNH 28,34

Date of each tutorial reflecting 1 week's work	Contents of training	Reference pages in textbook	Reference in E library videos <i>In obstetric video folder unless indicated in red</i>	E Library power-points EMNH course
Week 25 10/Jul/17	Breech delivery including external cephalic version	241-244	Breech delivery with manikin Delivery posterior arm Delivery post arm on all 4s External cephalic version Vaginal breech delivery Lovset	EMNH 29,30
Week 26 17/Jul/17	Preterm pre-labour rupture of membranes Prolapsed cord	244-245 245-248	Cord prolapse simulation	EMNH 31
Week 27 24/Jul/17	Inverted uterus Hyperemesis gravidarum Reduced consciousness and coma in pregnancy	248-250 251-252 265-269		EMNH 31
	HOLIDAY			
	HOLIDAY			
Week 28 14/Aug/17	Pelvic anatomy during pregnancy			
Week 29 21/Aug/17	Suturing and haemostasis			
Week 30 28/Aug/17	Heart problems during pregnancy and delivery Asthma in pregnancy	252-255 255-257		EMNH 14
Week 31 4/Sep/17	Anaphylaxis in pregnancy Diabetes in pregnancy and delivery	258-259 261-265		EMNH 14
Week 32 11/Sep/17	Pneumonia and severe gastroenteritis in pregnancy	269-272		EMNH 14

Date of each tutorial reflecting 1 week's work	Contents of training	Reference pages in textbook	Reference in E library videos <i>In obstetric video folder unless indicated in red</i>	E Library power-points EMNH course
Week 33 18/Sep/17	HIV in pregnancy	273-276		
Week 34 25/Sep/17	Malaria in pregnancy	276-285		
Week 35 2/Oct/17	Acute appendicitis in pregnancy Cystitis and pyelonephritis	285-286		
Week 36 9/Oct/17	TB in pregnancy Syphilis in pregnancy Varicella Zoster in pregnancy	286-292		
Week 37 16/Oct/17	Post partum depression Intimate partner violence FGM	292-302		
Week 38 23/Oct/17	Caesarean section and evidence base	313-319	Caesarean modules 1 to 6 Caesarean section (WHO video) CS Breech Difficult CS Emergency CS obstructed labour Safe surgery saves lives (WHO video)	
Week 39 30/Oct/17	Vacuum delivery Forceps delivery	306-312 312-313	Ventouse parts 1 and 2 Vacuum extraction (WHO video) Forceps delivery	
Week 40 6/Nov/17	Symphiotomy Destructive operations	319-321 321-324	Symphiotomy Baby Life Symphiotomie Craniotomy	
Week 41 13/Nov/17	Episiotomy Repair cervical tears Pudendal block	324-328	Episiotomy procedures Repair episiotomy	

Date of each tutorial reflecting 1 week's work	Contents of training	Reference pages in textbook	Reference in E library videos <i>In obstetric video folder unless indicated in red</i>	E Library power-points EMNH course
Week 42 20/Nov/17	Normal data for vital signs and blood measurements in pregnancy	878- 884		
Week 43 27/Nov/17	Post-operative care Pain control	303-305 69-78	Entanox for pain control	
Week 44 4/Dec/17	Obstetric anaesthesia	121-131	Spinal anaesthesia	
Week 45 11/Dec/17	Helping breast feeding		Helping a breast feeding mother Series of breast feeding videos as separate folder	
Week 46 18/Dec/17	Ultrasound scanning	12-14	How to use ultrasound probe	
Week 47 25/Dec/17	Major trauma in pregnancy Burns in pregnancy	769-788 803-810	Landmarks chest drain pregnancy Major trauma manikin	