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| **UNIT** |  **TIMING** | **CONTENT** | **OBJECTIVES***At the end of the unit, participants will be able to:* | **METHODOLOGY** |
| **Day 1** |
|  | 8:00-8:30(30 minutes) | Registration of participants |  |  |
| **Introduction** |
| 1 | 8:30-9:15(45 minutes) | Course overview* Icebreaker
* Expectations and ground rules
* Pre-test
 | * reflect on their expectations of the training
* understand the objectives of the training
* agree on the ground rules of the training
 |  |
| **Theoretical knowledge** |
| 2 | 9:15-10:15(60 minutes) | Labor assessment and vacuum extraction overview | * explain why vacuum extraction is an important clinical care service to offer in crisis settings
* describe the indications, conditions, and contraindications for vacuum extraction
* identify different interventions for unsatisfactory progress of labor
* describe the benefits and risks of different types of vacuum extractors
 | Presentation |
|  | 10:15-10:30(15 minutes) | Break |  |  |
| 3 | 10:30-12:00(90 minutes) | Vacuum-assisted birth in crisis settings | * describe the anatomy of the fetal head as it relates to fetal presentation during labor
* identify the flexion point of the fetal head and fetal presentation during labor
* describe the preparation for and procedure of vacuum extraction
* verbalize safety considerations for performing vacuum extraction
* describe potential maternal and fetal complications of birth assisted by vacuum extraction
* describe post-procedural care for women and newborns
 | PresentationVideo |
|  | 12:00-1:00(60 minutes) | Lunch |  |  |
|  | 1:00-1:15(15 minutes) | Morning recap |  |  |
| **Hands-on activities** |
| 3 | 1:15-2:45(90 minutes) | Practical Sessions A and B* Group 1: Session A – Vacuum extraction demonstration
* Group 2: Session B – Case study
 | Session A* understand the procedure of vacuum extraction step-by-step using pelvic models
* practice vacuum extraction using pelvic models

Session B* make clinical decisions through:

1. assessment2. clinical problem identification3. intervention4. reassessment | DemonstrationGroup exercise |
|  | 2:45-3:00(15 minutes) | Break |  |  |
| 3 | 3:00-4:30(90 minutes) | Practical Sessions A and B* Group 1: Session B – Case study
* Group 2: Session A – Vacuum extraction demonstration
 | Session B* make clinical decisions through:

1. assessment2. clinical problem identification3. intervention4. reassessmentSession A* understand the procedure of vacuum extraction step-by-step using pelvic models
* practice vacuum extraction using pelvic models
* understand the procedure of vacuum extraction step-by-step using pelvic models
* practice vacuum extraction using pelvic models
 | Group ExerciseDemonstration |
| 3 | 4:30-5:00(30 minutes) | Group debriefing on case studyWrap up of the day |  | Discussion |
|  | 5:00-6:00(60 minutes) | Free time for practice with pelvic models |  |  |
| **Day 2** |
|  | 9:00-9:15(15 minutes) | Recap of Day 1Overview of Day 2 |  |  |
| **Hands-on activities** |
| 4 | 9:15-10:45(90 minutes) | Practical Sessions C(&E) and D* Group 1: Session C – Newborn resuscitation and *Session E* –  *Partogram (optional)*
* Group 2: Session D – Practice performing vacuum extraction
 | Session C:* demonstrate newborn resuscitation using a bag and a mask

*Session E:** use the partogram to chart labor progress (optional)

Session D:* demonstrate the preparation of the patient for vacuum extraction, including information and communication
* demonstrate post-procedural care following vacuum extraction
* practice all of the steps in vacuum extraction with peer support
 | SimulationCase studiesSimulation |
|  | 10:45-11:00(15 minutes) | Break |  |  |
| 4 | 11:00-12:30(90 minutes) | Practical Sessions C(&E) and D* Group 1: Session D – Practice performing vacuum extraction
* Group 2: Session C – Newborn resuscitation and *Session E* –  *Partogram (optional)*
 | Session D:* demonstrate the preparation of the patient for vacuum extraction, including information and communication
* demonstrate post-procedural care following vacuum extraction
* practice all of the steps in vacuum extraction with peer support

Session C* demonstrate newborn resuscitation using a bag and a mask

*Session E** use the partogram to chart labor progress (optional)
 | SimulationSimulationCase studies |
|  | 12:30-1:30(60 minutes) | Lunch |  |  |
| **Evaluations** |
| 5 | 1:30-2:00(30 minutes) | Post-test | * demonstrate theoretical competence in assisted vaginal delivery via vacuum extraction
 | Test |
| 5 | 2:00-4:00(120 minutes) | Competency-based assessments | * demonstrate competence in assisted vaginal delivery via vacuum extraction using pelvic models
 | Individual competency assessment |
| **Closing** |
| 6 | 4:00-4:45(45 minutes) | Closing and evaluation* Certificate of completion
* Post-test
* Course evaluation
 | * explain how the training met participants’ expectations and course objectives
 | TestEvaluation |