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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 | Presentation  Video |
|  | 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. assessment  2. clinical problem identification  3. intervention  4. reassessment | Demonstration  Group 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. assessment  2. clinical problem identification  3. intervention  4. reassessment  Session 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 Exercise  Demonstration |
| 3 | 4:30-5:00  (30 minutes) | Group debriefing on case study  Wrap 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 1  Overview 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 | Simulation  Case studies  Simulation |
|  | 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) | Simulation  Simulation  Case 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 | Test  Evaluation |