Sample: Essential Surgical Skills Courses

Actual implementation may vary depending on the specific needs of the local partners

Structure

- The courses will be offered 4-6 times during the project
- Courses will be taught in three one-week sessions taught by project facilitators in a 2/1/2 model. This model includes two days of initial training, followed by one day of train-the-trainer, then two-day training. In this second two-day training, the new trainers will teach the course material under the supervision of the project facilitators.

The participants for the train-the-trainer course will be selected from the participants in the first two-day session. This process of identifying the new trainers will be conducted in collaboration with local hospital leadership.

Course Description:
A selection of the following topics will be covered:

- Basic Principles of Safety
  - Principles of Safe Surgery
  - Sterile gowning and gloving technique

- Module 1: Open Surgery
  - Handling instruments
  - Knots
  - Handling Sutures
  - Incision technique
  - Handling Tissues
  - Handling Bowel
  - Bowel anastomosis and repair
  - Handling Vessels
  - Vessel ligation
  - Lump excision

- Module 2: Trauma and Orthopaedics
  - Handling Traumatized Tissues
  - Handling Tendons
  - Tendon repair technique
  - Wound debridement
  - Principles of Fracture Fixation
Assessment of Participants:
Facilitators will continually assess the performance of the participants throughout the course, addressing the participants’ strengths and weaknesses while helping them build upon the skills they already possess. Specific assessment will take place on various techniques:

- Instrument selection and handling
- Knotting technique
- Tissue handling
- Surgical procedures technique
- Safety
- Assisting
- Plaster technique

This individual attention will help each participant improve their skills in specific areas, tailoring the course materials to the needs of the participants.