



Suturing Station

Objectives:

By the end of this session the student:

1. Should demonstrate appropriate technique with respect to:
 - Handling of syringe & needle
 - Withdrawing solution from ampule
 - Handling of needle driver & forceps
 - Loading and protecting the suture needle
 - Handling of tissues
 - Placement of suture with respect to distance from the wound & depth
2. Should be familiar with and demonstrate basic proficiency in:
 - Interrupted sutures: simple, vertical mattress, horizontal mattress, subcuticular
 - Continuous/running sutures: simple, subcuticular
 - Instrument ties
 - Injection of local anesthetic
3. Should adhere to all safety measures:
 - Disposal of all sharps in sharps container
 - Disposal of contaminated items in biohazard container
 - Disposal of all non-contaminated waste in appropriate bin
 - Use of appropriate PPE – donning & doffing (apron, gloves)

Terminal Objective: The student should be competent to undertake simple suturing tasks with appropriate supervision in a clinical setting.

Knot-Tying Station

Objectives:

By the end of this session the student:

1. Should understand the concepts of:
 - Appropriate tension for knot tying
 - “Placing” knots to minimize shear forces on the wound
 - Basic Terminology: Square Knots, Surgeons Knots, Sliding Knots

2. Demonstrate basic proficiency in:
 - One handed ties
 - Two handed ties

Terminal Objective: The student should be competent to demonstrate simple knot tying tasks (skin closure, specimen marking, selected soft tissue approximation) with appropriate supervision in a clinical setting