



Suturing Process and Suture Removal

Aim: At the end of this training session, participants should overpass the steps easily by performing the steps of the skill correctly and timely

Tools: Suture equipment (needle driver, forcep, scalpel, straight clamp) sterile cover, syringe, local anesthetic agent, antiseptic agent, sterile gloves, suture material, sterile pads, tapes

STEPS

Suturing Process

1. Wash your hands
2. Control the required suture materials
3. Introduce yourself to the patient
4. Explain the procedure to the patient
5. Observe the patient's verbal and nonverbal response about procedure
6. Obtain the informed consent from the patient
7. Ensure privacy of patient
8. Assist patient to a comfortable position
9. Cleanse and irrigate the wounds from foreign bodies
10. Open sterile materials to be used properly
11. Put on sterile gloves
12. Fix four times folded sterile pad to straight clamp, pour antiseptic agent to the pad then clean the edge of wound in the form of expanding circular movement starting from inside to outside
13. Cover up the wound area by sterile hole cover
14. Remove the lid of anesthetic solution
15. Withdraw required amount of anesthetic solution to syringe
16. Tell the patient that the procedure to be started
17. Inject agent at the inner wound edge
18. Apply the needle to the needle driver approximately 2/3 the distance from the blunt end of the needle.
19. Use the forcep and lightly grasp the skin edge
20. Arc the needle through the wound edge taking equal bites and all layers of skin
21. Throw the knot by the needle driver
22. Insert the remaining sutures 1 cm apart from each other depending on the size of the wound.
23. Re-clean the wound with antiseptic agent after completion of suturing
24. Cover sterile pad over the wound with the help of tapes as frame-like
25. Observe the patient's verbal and nonverbal response after completion of procedure
26. Pick up material
27. Discard gloves
28. Wash your hands

Suture Removal

1. Wash your hands
2. Explain the procedure to the patient
3. Assist patient to a comfortable position
4. Put on gloves
5. Take off dressing over the wound
6. Wipe out the wound with antiseptic agent
7. Hold up suture by lifting with forcep
8. Cut down one crus of suture by placing scalpel between the ring of suture and skin
9. Extract held suture with forcep by pulling upward and outward
10. Re-clean the wound with antiseptic agent after completion of removal suture
11. Pick up material
12. Discard gloves
13. Wash your hands