



Closed Fracture Trauma Manikin

Quick Start Guide

The Closed Fracture Trauma Manikin is designed to help students learn to identify closed fractures of limbs and learn how to safely identify, immobilize, and treat limb fractures as an emergency services responder. In addition to this specialized feature, over 11 other nursing procedures are included with this manikin, along with curricula.

Read this material before using this product.

Product includes:

- Life-sized Closed Fracture Trauma Manikin
- Pajamas
- Jaw trauma wound
- Combined splint
- Forearm sling
- Neck brace
- Bandages
- 1-year limited warranty
- Online access to curriculum: *Basic Patient Care, Intramuscular Injections, Introduction to Fracture Management, Pressure Injuries, Ostomy Care, Range of Motion*



NOTICE! To access your curriculum, visit:

<http://www.realityworks.com/closedfracturetraumamanikin-downloads>

CLOSED FRACTURE TRAUMA MANIKIN

Parts identification:

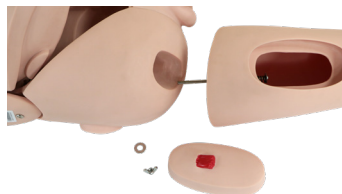
1. Life-sized Closed Fracture Trauma Manikin
2. Jaw trauma wound
3. Pajamas
4. Combined splint
5. Forearm sling
6. Bandages
7. Neck brace



Assembly instructions:

Legs

1. Remove the wing nuts and washers from each leg and set them aside.
2. Remove the injection pads from each leg and set them aside.
3. Peel the abdomen insert up from the manikin torso.
4. Insert the bolt from each leg into the torso.
5. Slide the washer onto each bolt, then tighten the wing nuts firmly onto the bolts.
6. Replace the injection pads in the legs.
7. Press the abdomen insert back into the manikin torso.



Arms

1. Remove the wing nuts and washers from each arm and set them aside.
2. Remove the chest insert and set them aside.
3. Insert the bolts from each arm into the torso.
4. Slide the washer onto each bolt, then tighten the wing nuts firmly onto the bolts.
5. Press the chest insert back into the manikin torso.



CLOSED FRACTURE TRAUMA MANIKIN

Use and cleaning instructions:

Read the sections below for manikin function and cleaning instructions.

Hair and face washing

Use:

- Dry shampoo is recommended for hair washing simulation. Mild shampoo and water may be used as an alternative.
- Use a damp, soft cotton cloth to wash the face.
- Do not pour water over the hair or face.



Cleaning:

1. Pat/dry gently with a towel.
2. Allow to dry overnight before storing.

Eye care

Use:

- Both eyes may be irrigated using water and an irrigating syringe.
- To dry the eyes, use a soft cloth and dry completely.

Mouth cavity and teeth care

Use:

- Use a standard, dry toothbrush.
- Do not use water or cleaning agents in the mouth.

Perineal care

Use:

- To practice perineal care, gently clean the male genitalia with soap and water, patting them dry and avoiding cross-contamination.

Oxygenation

Use:

- Use a bag valve mask to practice manual ventilation.
- During manual ventilation, the lungs will rise and fall as they inflate and deflate.

Intramuscular injections

Use:

- Deltoid intramuscular injections may be performed on the removable pads in both the left and right deltoids.
- Vastus lateralis intramuscular injections may be performed on the removable pads in both the left and right vastus lateralis.
- After 10 injections (or when saturated with fluid) remove the sponges and squeeze them out over the sink or basin before continuing with injections.

Cleaning:

1. Remove the sponge from the injection pads by squeezing and pulling them out.
2. Dry the area where the pad was removed with a dry cloth.
3. Rinse the sponge insert with mild soap and water.
4. Squeeze or wring fluid from the sponge over sink or basin.
5. Allow to dry overnight before reinserting the sponge into the injection pads.



CLOSED FRACTURE TRAUMA MANIKIN

Ostomy bag care and changing

Use:

- Gently clean the ostomy site with mild soap, a soft washcloth, and water following proper procedures.
- The stoma will accommodate most standard skin barrier and ostomy bag sizes for colostomies and/or ileostomies.



Cleaning:

1. Rinse the ostomy site with gentle soap and water and dry with a soft cloth.
2. Allow it to dry overnight before storing manikin.

Holistic nursing: sponge bath and dressing

Use:

- May be sponge-bathed from top to bottom with gentle soap and water.
- The limbs and body may be manipulated to dress the manikin in the pajamas provided (or other adult garments as desired).
- Do not immerse the manikin in water or pour water over it.
- Avoid directly cleaning the jaw trauma wound and bruises to preserve paint detail.

Patient transfer, handling, and positioning

Use:

- Manikin may be used to practice:
 1. Changing occupied beds
 2. Changing patient clothing
 3. Positioning in chairs and wheelchairs
 4. Transferring from a bed to a chair
 5. Assisting patients to bedside commode
 6. Assisting with bedpan use
 7. Positioning patient for surgery

Note: Use caution around joints, as they could be a pinching hazard.

Range of motion

Use:

- The range of motion provided allows for practice of correct patient positioning and flexibility exercises.
- Manikin's articulation includes:
 1. Trunk: flexibility
 2. Neck: rotation, flexibility, lateral curvature
 3. Shoulder/hip: adduction, abduction, rotation, flexibility
 4. Elbow: left arm flexibility
 5. Knee: internal and external rotation
 6. Wrist: flexibility
 7. Ankle: inversion, eversion, dorsiflexion, plantar flexion

Note: Use caution around joints, as they could be a pinching hazard.

Wound cleaning, disinfection, dressing, and bandaging

Use:

- Use water to simulate cleaning the wound.
- Apply gauze to the wound and wrap with bandage.

Immobilizing and splinting fractures

Use:

- Slide the two splint halves together and apply to an arm or leg.
- Use the bandage to secure the splint in place.

NEED MORE HELP?

Additional help and information

Online Product Support

We're here to help! Our online Product Support features video tutorials, downloadable documents, frequently asked questions and product notices, all of which make it easy for you to get support for products, software and more, day or night. Find our online product support area here: <https://www.realityworks.com/knowledge-base/>

Online Store

Supplies, accessories, select simulators, curriculum and more are available for purchase from our online store 24 hours a day!