



## **WOUND CLOSURE DEVICE**

**NOTE:** The wound closure device can be used in conjunction with other hemorrhage control interventions:

- a. Wound packing: If desired, wound packing may be done before the wound closure device is placed on a wound.
  b. Hemostatic agents: The wound closure device may be placed on a wound that has a hemostatic agent applied. The hemostatic agent does not have to be removed.
- c. Binding/wrapping: If desired, additional compression binding/wrapping may be placed over the wound closure device after it has been applied on a wound. This action will protect the clamp and may provide additional compression to the wound, limiting hematoma formation.

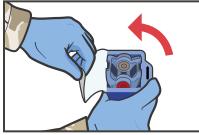


**CONSIDER** body substance isolation.

**NOTE:** If a Combat Lifesaver is available, direct them to assist.



**EXPOSE** the injury and assess the bleeding source. **NOTE:** Clothing may need to be cut away to properly expose the injury.



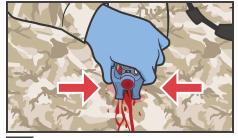
**OPEN** the sterile package by flipping up one or both tabs on the top half of the package.



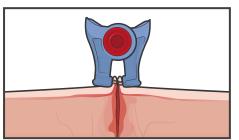
**POSITION** the needles about 1–2 cm (0.5–1") from the wound edge on either side.



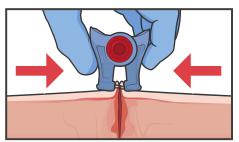
04 With one hand, **REMOVE** the device from the package by lifting it straight up out of the package.



**OT GENTLY INSERT** needles and close wound closure device by squeezing gripping bars/arms together. **NOTE:** The device seal will break once pressure is applied to the arms.



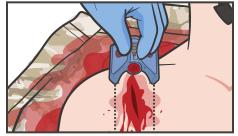
**ENSURE** the wound is sealed, that there are no gaps in the skin, and that there is no continued bleeding.



10 If bleeding continues: **CLOSE** the device more firmly; remove, reposition, and reapply the device; use more than one device; or pack with hemostatic dressing or XSTAT<sup>®</sup> and reapply the device.



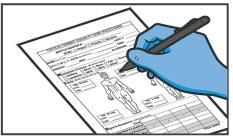




**O5 ALIGN** the needle tips of the wound closure device parallel to (or alongside) edges of the wound.



**ONCE CLOSED**, the device will automatically lock into place (the pressure bars on the wound closure device ensure a fluid-tight seal).



**11 DOCUMENT** all findings and treatments on a DD Form 1380 TCCC Casualty Card and attach it to the casualty.



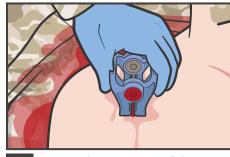




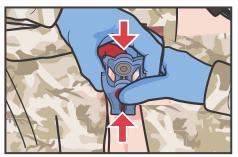
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## How to remove...

**NOTE:** The release buttons on either side of the wound closure device may be used to open the device.



**GRASP** the top arms of the device with one hand.

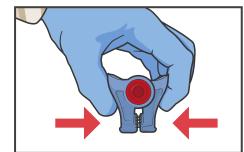


**PRESS** the red buttons on the side of the device to release the locking mechanism and press the top arms together to open the device.

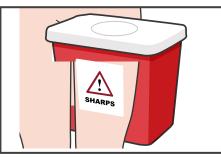
**NOTE:** This is a two-handed process. **NOTE:** Holding the device by the buttons during removal minimizes accidental contact with the needles.



**PULL** one of the gripping bars open while maintaining pressure on the buttons and **ROTATE** the needles out of the wound. Then, rotate the needles on the other side. Only one arm will freely rotate at a time.



**CLOSE** the device to prevent accidental sharps injury by pressing the bottom arms together until fully closed.



**DISPOSE** of the device in accordance with local guidelines for biohazard sharps.



**DOCUMENT** all findings and treatments on a DD Form 1380 TCCC Casualty Card and attach it to the casualty.

**CAUTION: Sharps hazard** – handle with care to avoid injury.