Temporary Hemorrhage Control Skin Clamp (IT Clamp)

Provides temporary skin closure that helps contain and control severe bleeding, that helps to stop massive hemorrhage associated with trauma.

Second line agent for the control of massive hemorrhage, not controlled by or anatomically amenable to application of a tourniquet. Especially important consideration in the Tactical and Disaster Environment.

Contraindications:
- Not for use where skin approximation cannot be obtained (i.e. Large skin defects under high tension)
- Not for use where delicate structures are within 10 mm of the skin surface (ex. Orbits of the eye).

Warnings and Precautions:
- Patients must be seen by medical personnel for device removal and surgical wound repair.
- Use device as directed to avoid needle stick injury.
- Ensure proper PPE is utilized to protect against possible splashing of blood during application.
- The device is sterile and is designed for single use. Do not use it if sterility seal on package has been broken or otherwise damaged.
- Dispose of the device as you would sharps.
- For severe extremity injuries not amenable to clamp application, consider tourniquet application.

Procedure: (if patient is conscious, explain procedure)
1. Apply appropriate PPE
2. Open sterile package by pulling forward on outer tabs
3. Remove device from package by lifting up. Take care not to close device until it has been applied to the wound.
   - If the device has been accidentally closed, push the side buttons inward with one hand and pull the device open using the device arms.
4. Locate wound edges
5. Align the device parallel to the length of the wound edge. Position the needles approx. 1-2 cm from the wound edge on either side. (For very large wounds the device can be applied to one side, then pulled to the other side, or the tissue can be approximated by hand and the device applied.)
6. Press the arms of the device together to close the device. The device’s safety seal will break with pressure.

7. Ensure the entire wound is sealed and bleeding stops, using a gauze pad to wipe the area to verify no leaking of blood from the wound. More than one device may be required for longer wounds.

8. If bleeding continues:
   - Ensure the device is in the correct position, close the device more firmly by applying further pressure to the arms of the device
   - If wound is too long, apply additional devices to the open section
   - If device is applied incorrectly or not positioned properly, remove the device according to the instructions and reapply.

Removal:

Unless you need to reposition the device, all removal should be done in a medical facility prepared to manage the wound.

1. Hold the device by the gripping bars, press the device further closed to release the lock.
2. While maintaining pressure on the arms, press both release buttons with your other hand.
3. While pressing the release buttons, pull one of the gripping bars open and rotate the needles from the wound, one side at a time.
4. Pick up the device ONLY by the buttons to prevent accidental contact with the needles
5. Dispose of the device in accordance with local guidelines for sharps.

Notes:

If desired wound packing and/or the use of a hemostatic agent may be applied. The hemostatic agent does not need to be removed prior to application of the clamp.