

THE ADVANTAGE

The **ADVANTAGE** Pressure Bar feature Popp Point Pressure Device (P3D) Technology to provide proximal hemorrhage control, for tourniquet conversion, point pressure for minor hemorrhage management, and for continues pressure over wound packing.

It is easy to carry at all levels of care due to its small and lightweight design and constructed of a high impact polymer for durability and extreme temperature tolerances.

Set Up

STEP 1. Unclick Pressure Bar from Storage Card

Lightly press inward on the two tabs pictured to unclick the pressure bar from the storage card.

STEP 2. Remove Desired Head and Insert Tabs

Once the Pressure Bar is removed from the storage card. Remove the desired head.

Insert the Pressure Head tabs into the slots on the bottom of the pressure bar.

Note: For using the Pressure Bar without a Pressure Head proceed to Steps for Application

STEP 3. Complete and Ready for Use

Use with Pressure Wraps

STEP 1. Secure wrap in place over wound

Locate and expose the wound

Apply the packing as required

Secure wrap in place over wound

STEP 2. Place pressure bar over center of wound

Place the pressure bar over center of wound.

Apply downward pressure throughout the application if possible.

STEP 3. Route wrap around body or limb

Route wrap around body or limb

The redirection channels can be used for redirection of the wrap or if a mechanical advantage is desired.

This will increase the circumferential pressure.

The channels can also be used to anchor the bar in place.

STEP 4. Route the wrap around limb or body and through C Channel

Route the wrap around limb and through C Channel

Note: extremely tight wraps are not required. The height offset of the C Channels allows for increased downward pressure.

STEP 5. Secure end of the wrap

Secure end of the wrap

Monitor for bleed through

Reassess after any patient movement

Use with Tourniquet (Over Packing)

STEP 1. Select the Appropriate Head

Locate intended wound for packing.

Expose the wound. Identify the point of bleeding and apply manual pressure. Pack gauze or hemostatic gauze to the source of bleeding

Pack wound until just below wound edges allowing the selected head to rest into the wound bowl.

STEP 2. Place the pressure head over packed area and source of bleed

Place the pressure head over the packed gauze, allowing the head to seat into the wound. Apply downward pressure throughout the application.

STEP 3. Wrap the tourniquet around injured area

Wrap/feed the tourniquet around the injured extremity, ensuring device is not twisted, and reconnect the buckle.

Note: The Advantage will work with most commercially available tourniquets. SOF-T was used for demonstration purposes.

STEP 4. Remove slack and ensuring band of tourniquet is centered in C Channels of Pressure Bar

Remove slack and ensuring band of tourniquet is centered in C Channels of Pressure Bar

Note: Some users prefer not to have the windless positioned directly over the pressure bar.

STEP 5. Remove all slack

Remove all slack. The height of the c channels will push the pressure head downward over the source of the bleed.

STEP 6. Tighten windless if additional slack removal is desired

Ensure proper placement and monitor for rebleed.

Note: Loosen and reposition as required. Reassess after any patient movement

Use with Stretch and Wrap Tourniquet (Proximal Pressure)

STEP 1. Locate injury, apply pressure and select pressure head

Locate injury and apply manual pressure.

Select head for proximal pressure and attach to pressure bar.

STEP 2. Place the pressure head on the proximal hemorrhage control landmark

Place the pressure head on the proximal hemorrhage control landmark

Place firm downward pressure.

You should notice a significant reduction of blood flowing from the source of the bleed.

STEP 3. Feed tourniquet around the patient and connect the buckle

Feed tourniquet around the patient and connect the buckle

Most tourniquets will work; a Full Stop was used for this demonstration.

If the tourniquet your using is to two short, you can connect two in tandem.

STEP 4. Reassess placement and pull until snug

Reassess placement of pressure head and pull slack out of tourniquet.

STEP 5. Secure tourniquet and reassess

Continue to wrap to secure end of tourniquet, tighten windless as necessary on a windless based tourniquet to remove additional slack.

Record time applied on the tourniquet time label or note time applied

Monitor for hemorrhage control and adjust device as necessary especially after any patient movement

Use with 4" and 6" Non-Pressure Bandage

STEP 1. Apply bandage pad centered over wound

Locate and expose the wound.

Apply the bandage pad centered over the wound.

STEP 2. Place pressure bar over center of bandage pad

Place the pressure bar over center of bandage pad.

Apply downward pressure throughout the application if possible.

STEP 3. Route bandage leader around redirection channels

Route bandage leader around redirection channels if a mechanical advantage is desired. This will increase the circumferential pressure.

If not skip to step 4.

Note: This step is not always needed, only if increased circumferential pressure is desired.

STEP 4. Route bandage leader around limb and through C Channel

Route bandage leader around limb and through C Channel

Note: extremely tight wraps are not required. The height offset of the C Channels allows for increased downward pressure.

STEP 5. Secure end of bandage

Secure end of bandage

Monitor for bleed through

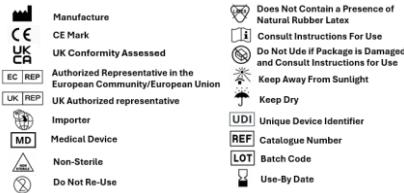
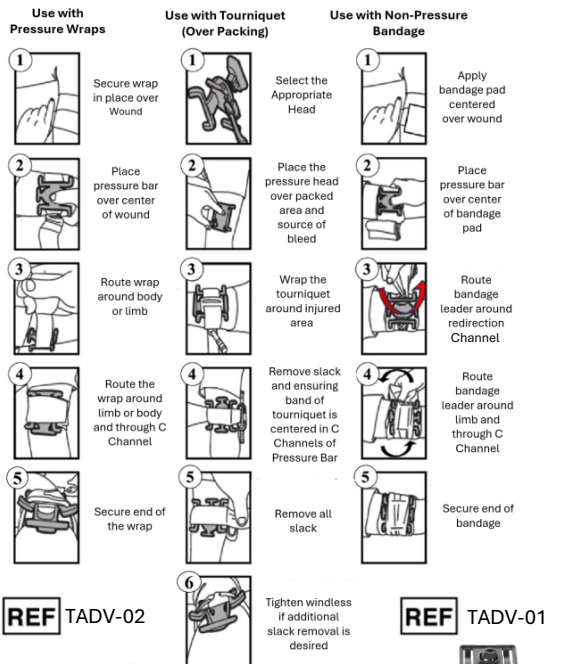
Reassess after any patient movement

How to use videos available at:

WWW.68MEDICAL.COM



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Intended Purpose
Intended to be used to control minor to life-threatening bleeding.

User Profile
Designed to be used by first responders and health care professionals in the pre-hospital setting.

Patient Profile
designed to be used on the patients with external wounds that can be managed through compression at the bleeding site or just proximally to the bleeding site through compression of the blood vessel(s) that are bleeding.

Indication
To control multiple origins of external bleeding (hemorrhage).

Contraindications
None

Clinical Benefits
To provide proximal hemorrhage control, for tourniquet conversion, point pressure for minor hemorrhage management, and for continues pressure over wound packing.

Performance Characteristics
Small and lightweight design
Constructed of a high impact polymer for durability
Extreme temperature tolerances

Product Claims
Simplifying Hemorrhage Management:
Frees your hands once affixed in place - preform other acute emergency procedures
Interoperability - compatible with all CoTCCC recommended tourniquets, wraps, and non- pressure bandages
Limits improvising and rebleed, leading to unnecessary blood loss
Multi site use - multiple sized heads for proximal hemorrhage control, direct pressure over packing, and tourniquet conversion

Warnings and Residual Risk
Device is single use only. Re-use will risk cross-infection and loss of product functionality.
Use past shelf-life risks cross-infection or loss of functionality.
Dispose of as a healthcare waste after use. Failure to do so will risk cross-infection.

Handling and Storage
Extreme temperature tolerances
Product shall be stored in a dry, indoor storage area in original packaging.

Disposal
Dispose of as healthcare waste.

Any serious incident that has occurred in relation to this device should be reported to manufacturer: vigilance@68medicalsolutions.com