

# CELOX™ -A Applicator

Saves Time. Saves Blood. Saves Lives.

## ACCELERATED

- Delivers 6g directly
- Promotes Rapid Coagulation
- Works in hypothermic conditions
- Clots heparinized blood

The first high-speed hemostatic delivery system for gunshot, blast, or stab wounds. The applicator was designed to give the caregiver a simple and effective tool to apply Celox™ to the source of severely bleeding wounds.

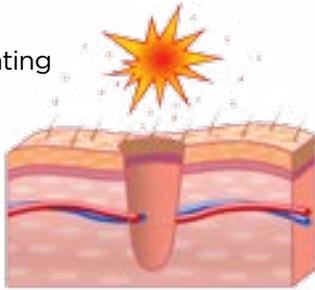
When placed directly into a bleeding wound and subjected to pressure CELOX™ absorbs blood and forms an adhesive gel that seals the wound to stop the flow of blood. Celox™ has repeatedly and reliably demonstrated the ability to stop arterial bleeding in independent US Navy severe bleeding tests<sup>(1)</sup>.

In a published 2011 comparison<sup>(2)</sup>, Celox™-A outperformed Combat Gauze™ in a lethal penetrating trauma model in both Initial Hemostasis and Survival.

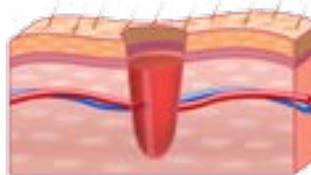


P/N #FG08832071

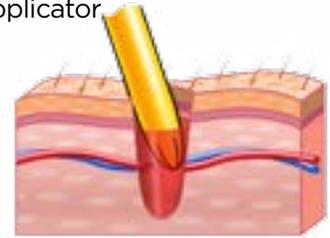
Penetrating trauma



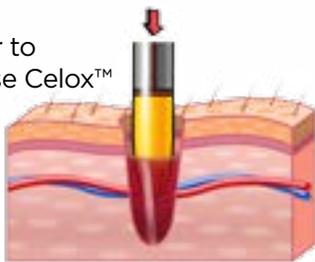
Bleeding starts.



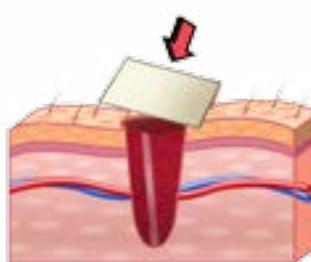
Insert Applicator



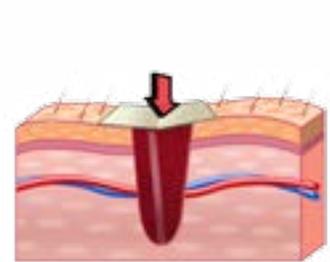
Push in plunger to dispense Celox™



Withdraw applicator



Cover



## Instructions for use...

1. Tear open Celox™-A packet and select applicator.
2. Remove clear plastic tab from the top of the applicator and insert plunger into barrel of the applicator containing the Celox™ granules.
3. Remove blue plastic cap from the end of applicator, just prior to use.
4. Insert applicator with attached plunger as far into wound as possible.
5. Slowly push plunger in as you withdraw the applicator from the wound.
6. Cover the wound with gauze and apply firm pressure for five minutes.
7. If bleeding persists, use second applicator and apply pressure for 5 minutes.
8. Apply pressure bandage.
9. Seek Medical Care as soon as Possible.
10. Show empty pack to medical personnel.
11. Discard any used or partially used applicators.

(1) Kozen B et al. An alternative hemostatic dressing: comparison of CELOX, Hemcon and Quikclot. J Acad Emerg Med 2008; 15: 74-81. January 2008, Vol 15 No 1. (2) Littlejohn LF et al. Acad Emerg Med 2011; 18: 340-350.  
\*Combat Gauze™ is a registered TM of Z-Medica Corporation. ChitoGauze™ is a registered TM of HemCon Medical Technologies.

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# CELOX™ Granules

Saves Time. Saves Blood. Saves Lives.

## DYNAMIC APPLICATIONS

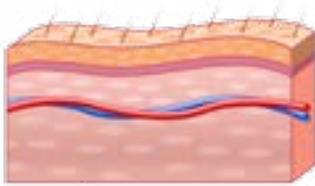
- Granular presentation provides for the most diverse set of uses
- Works in hypothermic conditions
- FDA cleared to work on anti-coagulated blood
- No chemical exothermic reaction

Celox™ Topical Hemostatic Granules are intended to be used to achieve hemostasis in emergency situations for the temporary control of severe topical bleeding.

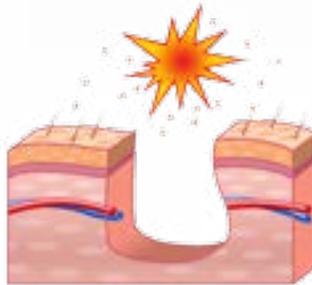


15g - P/N # FG08830181  
35g - P/N #FG08830521, NSN# 6510-01-549-6058

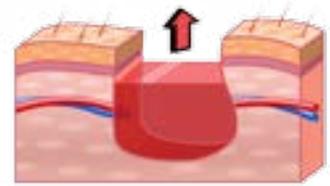
Intact Skin



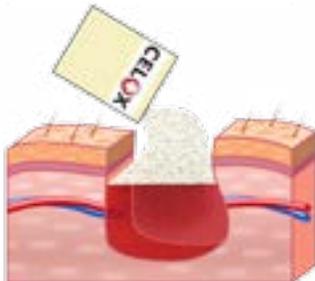
Trauma



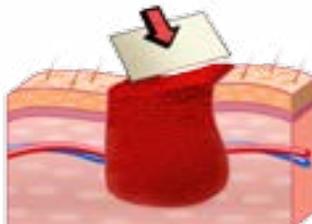
Bleeding starts



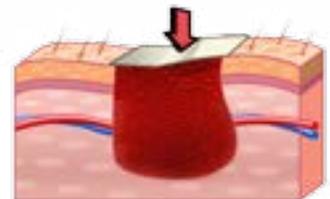
Apply Celox™



Cover



Compress



## Instructions for use...

1. Tear open Celox™ pouch.
2. Blot away excess blood from wound with gauze (or best available substitute).
3. Immediately pour entire contents of Celox™ pouch to fill wound.
4. Apply FIRM pressure directly to the wound for 5 minutes using gauze. If bleeding persists or restarts apply direct pressure for an additional 5 minutes. Additional Celox™ packs may be used if necessary for the wound, or other wounds requiring emergency hemostasis.
5. Wrap and tie bandage securely to maintain pressure on the wound (according to manufactures instructions).
6. Transfer to Medical Facilities as soon as possible.
7. Show empty Celox™ packet to medical personnel at facility.
8. Discard any unused portion of Celox™ used applicators.

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