

CELOX™ *RAPID*

Rapid action saves lives

CELOX™ *RAPID*

The fastest hemostatic agent.

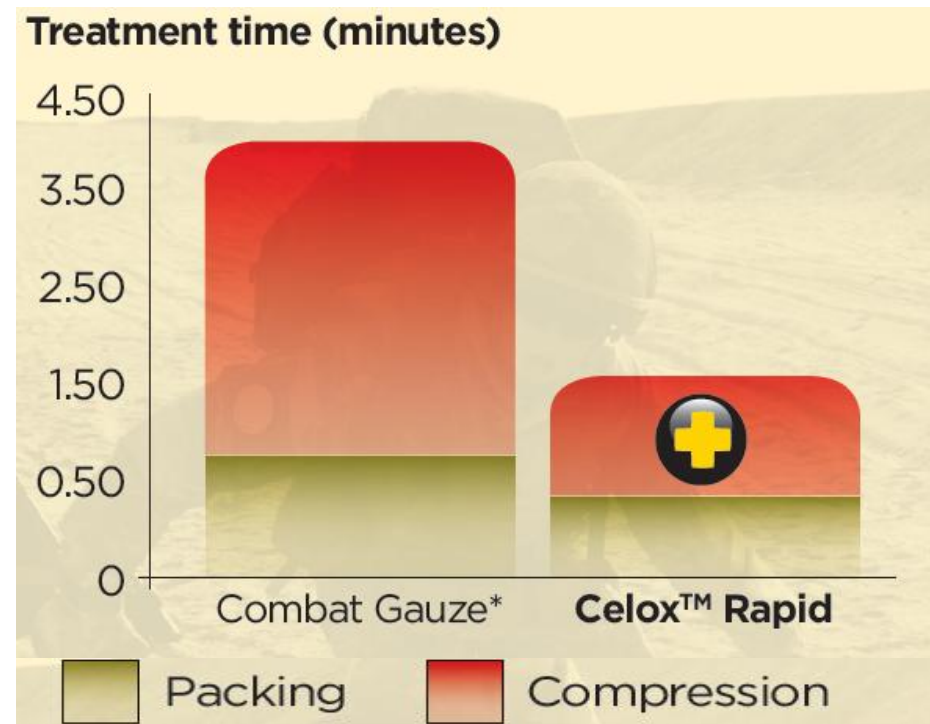
- “ Unique one minute compression.
- “ Controls the most severe bleeding.
- “ Saves blood – saves lives.




CELOX[™] RAPID

Halve treatment time.

Fast packing
+
**1 minute
compression**



CELOX™ RAPID



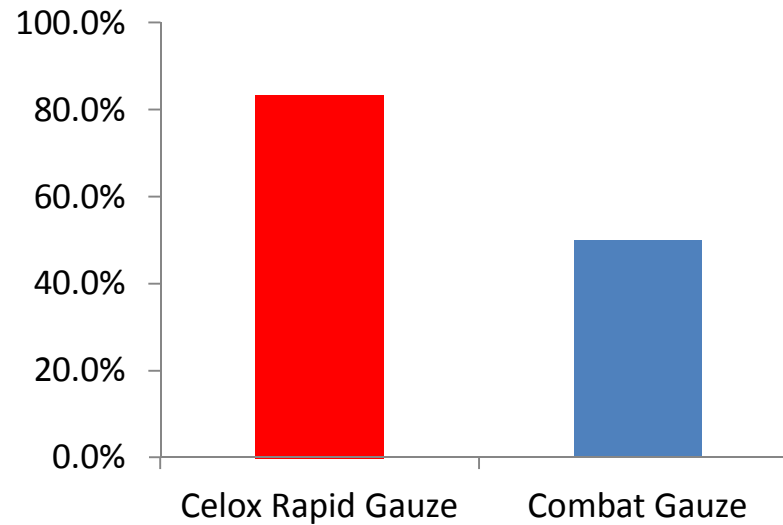
**Celox Rapid is the ONLY
pre-hospital hemostatic dressing that meets
each of the ideal criteria of the US Army
Acquisition Support Center.**

*“Able to stop actively bleeding arteries from
hemorrhaging within 2 minutes”*

*Source: USAASC
(Anthony E. Pusateri, Ph.D.)*

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Works on the most severe injuries



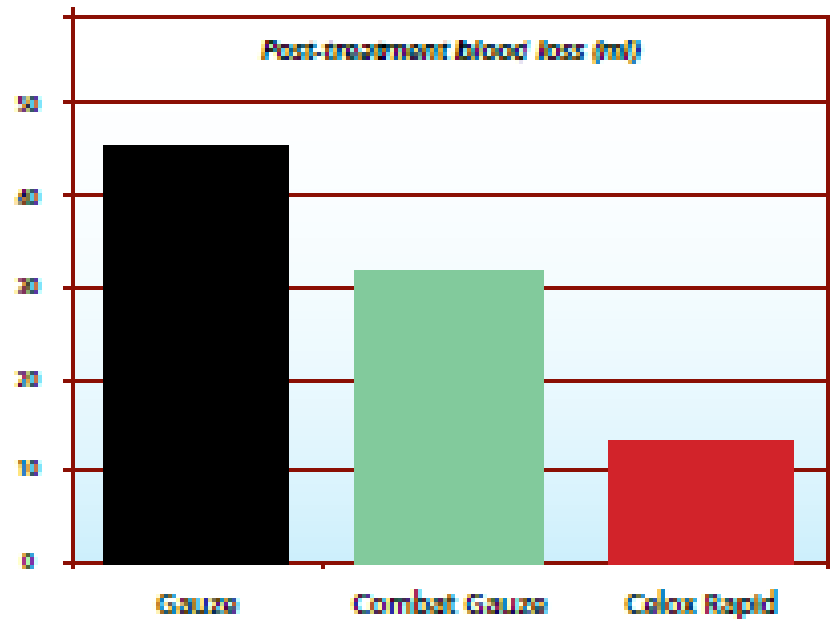
Study presented at ATACC 2011.

Hemostasis results with one minute compression.

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Independently shown to reduce blood loss.

- “ *Fast treatment + effective = reduced blood loss.*
- “ 60 % reduction in blood loss compared to Combat Gauze.

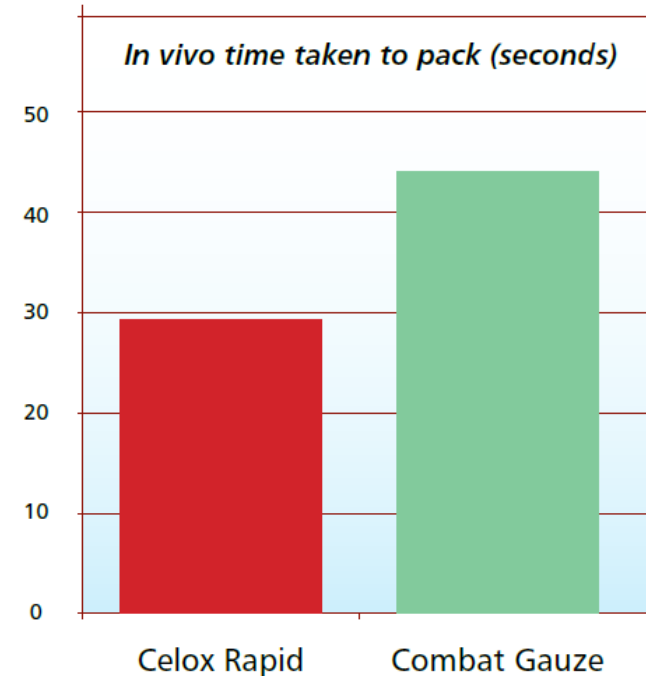


Results from OHSU, presented at ATACC 2011.

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Rapid Packing

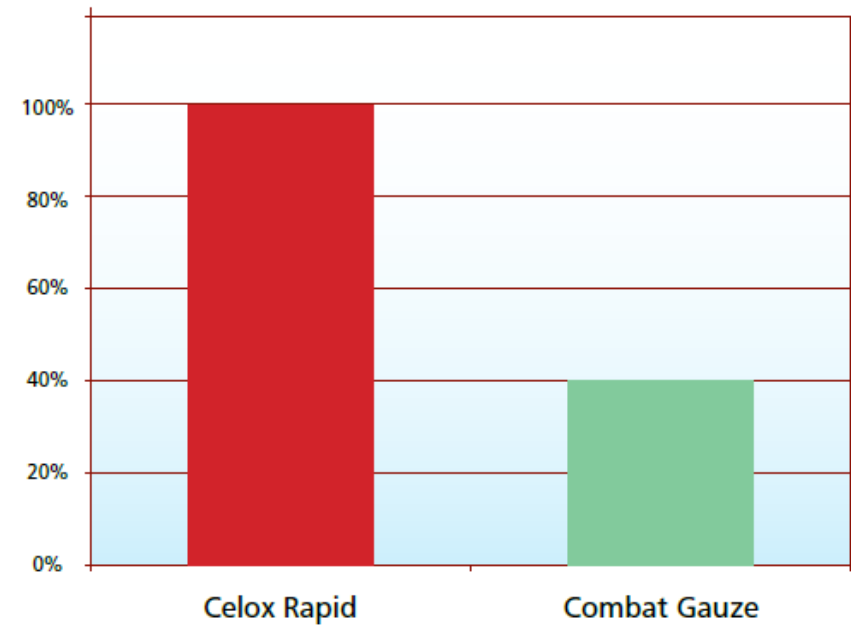
- “ Celox Rapid gauze is thicker than typical gauze.
- “ Five foot of Celox Rapid fills the same wound volume as 12 foot of competitor gauze.
- “ The time taken to pack in five foot of gauze is half or less than that taken to pack 12 foot.



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No re-bleed


“ 100 % success in field evacuation model.



Field evacuation model

Evacuation results: Hoggarth et al. poster at ATACCC 2011.

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**Celox Rapid is the only choice for fast, effective
treatment of life-threatening bleeding.**

Rapid action saves lives.

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Description

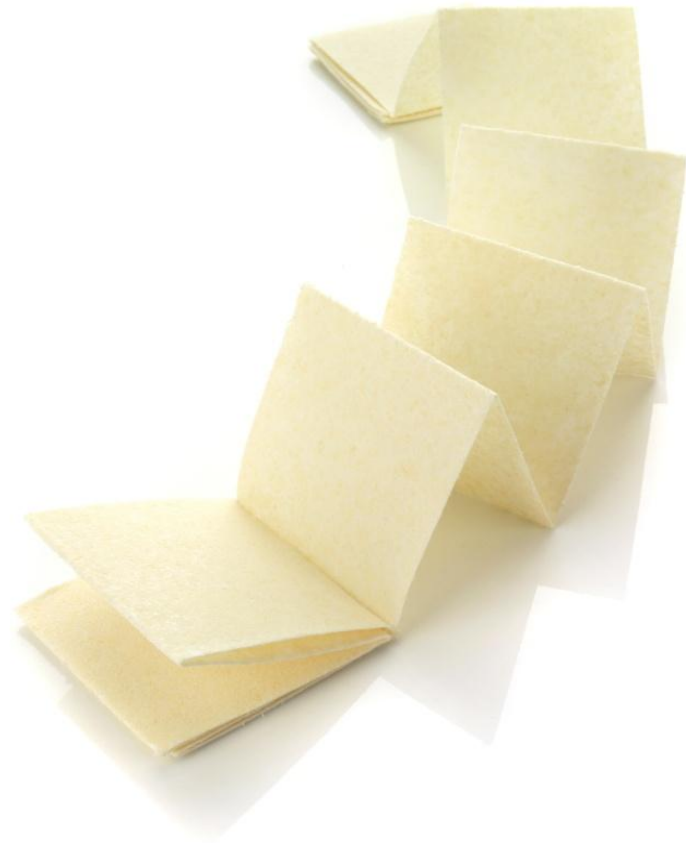
- “ Hemostatic agent for moderate to severe bleeding.
- “ FDA cleared.
- “ Not a drug
- “ Z-folded high density gauze.
- “ 5 ft x 3”.
- “ Compact, rugged foil pouch with 4 quick-tear notches.



CELOX[™] RAPID

Activated chitosan

- “ Proprietary chitosan (Chito-R™).
- “ Bonded to gauze.
- “ Contains 9 g of Chito-R.



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The latest Celox technology

Celox Gauze is proven on the battlefield:

The only product used by the SAS, UK military.

Outperforms Combat Gauze, Chitogauze in US ONR testing.

Works on hypothermic bleeding.

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How to use

1. Identify bleeding site.
2. Pack high density gauze direct to source of bleeding, maintain pressure on bleed point.
3. Apply firm pressure for one minute or until bleeding stops.
4. Wrap and tie with a bandage to maintain pressure.



Direct contact + pressure = success!

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Removal

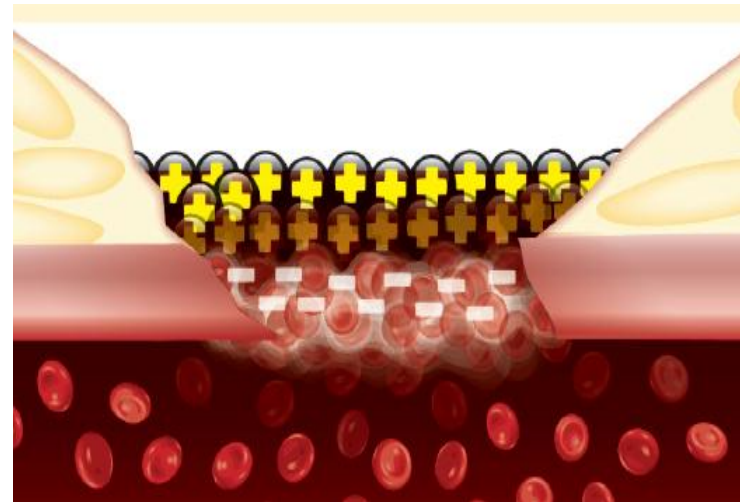
1. Pull out the gauze.

Tip: the strong gauze comes out intact. Irrigate if needed if tightly adhered.

2. Remove any loose surface granules.
3. Irrigate liberally with saline.

Simple mechanism

1. Chito-R absorbs fluid and forms an adhesive gel.
2. Adhesive gel plug seals the wound, stops blood flow.



Adhesion is unique.

Does not rely on the body's intrinsic clotting capability.

CELOX™ RAPID



Works on traumatic bleeding.

- “ In severe blood loss, blood becomes “coagulopathic” – does not clot normally. Typically as hypothermia sets in.
- “ Celox Rapid is effective on cooled, coagulopathic blood.
- “ Celox Rapid also effective on blood containing blood thinners.

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Celox Rapid is safe

- “ No heat produced.
- “ Chitosan : made up of sugars the body uses (glucosamine, N-acetyl glucosamine).
- “ Chitosan from Shellfish:
 - . tested on patients with known shellfish sensitivity. No allergies.
- “ Does not activate clotting away from direct contact.

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Celox Rapid compared to Combat Gauze

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Rapid Superior performance.

- “ The only hemostat with one minute compression.
- “ Celox Rapid saves up to three minutes of critical time, with reduced compression time as well as faster packing.
- “ Celox Rapid outstanding performance in tests of hemostasis.
- “ Celox Rapid works on hypothermic, coagulopathic blood.

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