



CELOX - RAPID

El agente hemostático de mayor rapidez de acción y mejor evaluado en el mercado mundial. Es el **ÚNICO AGENTE HEMOSTÁTICO CAPAZ DE DETENER UNA HEMORRAGIA ARTERIAL EN MENOS DE DOS MINUTOS**, logrando la mayor tasa de supervivencia en heridos (90%) según estudios del US Navy.

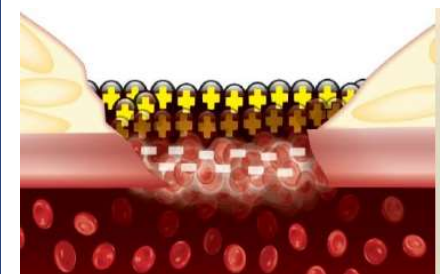
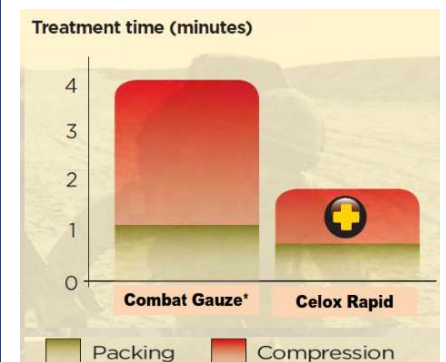
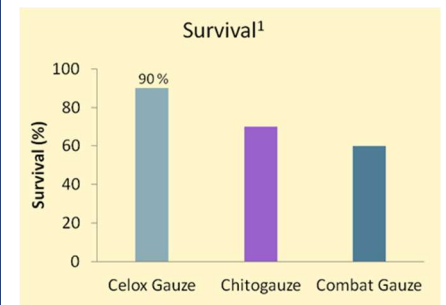
- Agente activo **Chito-R™**
- Gasa de alta densidad, empacada en Z, disponible en dos tamaños:
 - 5 ft x 3", con 9 gr. de **Chito-R™** (Rapid)
 - 5 ft x 1", 3 gr de **Chito-R™** (Rapid Ribbon).
- Es la gasa hemostática de mayor rapidez de acción.
- No genera calor ni efectos secundarios.
- Autorizado por FDA y CoTCCC.

Debido a su alta velocidad de aplicación (dos minutos entre packing y compresión), **DISMINUYE EN UN 60% LA PÉRDIDA DE SANGRE RESPECTO DE OTROS HEMOSTÁTICOS** (Schreiber M, at Combat Trauma Innovation, January 2012. Published in American Journal of Surgery 2013).

Chito-R™ producto desarrollado por **CELOX** en base a Chitosan, al entrar en contacto con la sangre genera un gel que se adhiere a la herida sellando y deteniendo el sangramiento. Este proceso ocurre en forma independiente de la capacidad de coagulación del paciente, por lo cual actúa **AÚN EN SITUACIONES DE HIPOTERMIA O LA PRESENCIA DE ANTICOAGULANTES**.

Dada sus características únicas, **Celox Rapid** mantiene su volumen y adhesión durante toda su aplicación, por lo cual **SE MANTIENE ESTABLE DURANTE LA EVACUACIÓN** sin perder su efectividad.

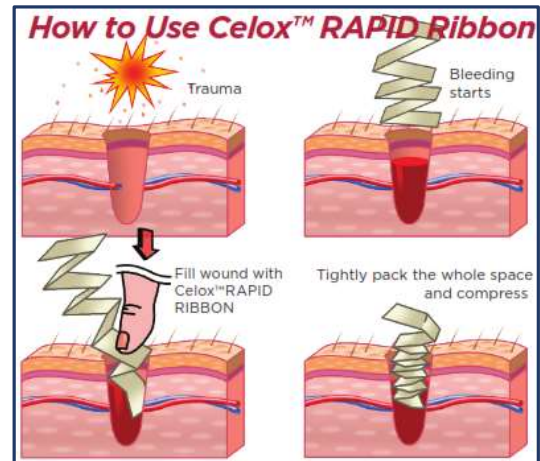
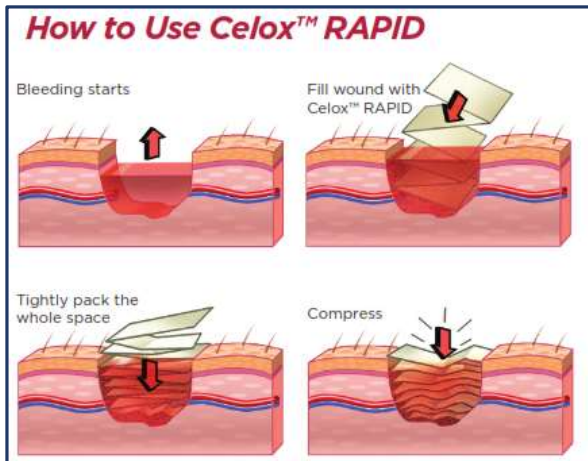
CELOX™ RAPID





COMO UTILIZAR CELOX RAPID o CELOX RAPID RIBBON

1. Colóquese guantes para su protección.
2. Abra el paquete, utilizando uno de los cuatro pre-picados que este trae y extraiga uno de los extremos de **CELOX Rapid**.
3. Identifique el origen del sangramiento y de ser posible elimine la sangre en exceso (acumulada).
4. Introduzca el extremo de **CELOX Rapid** en la herida, llegando hasta el origen del sangramiento y realice el packing (relleno) de la herida teniendo cuidado de ejercer presión al colocar la gasa.
5. Con la mano (o dedo para Rapid Ribbon) ejerza presión sobre la herida por lo menos un minuto.
6. Levante la mano y observe si el sangramiento se detuvo (sin retirar **CELOX Rapid**); o hasta que el sangramiento se detenga.
7. Coloque un vendaje de compresión sobre la herida y vende fuertemente para mantener **CELOX Rapid** en posición.
8. Traslade a un centro asistencial y muestre al médico el envase de **CELOX Rapid**.
9. Cualquier resto de **CELOX Rapid** no utilizado debe ser desechado.



Videos demostrativos:

- <https://www.youtube.com/watch?v=8E0HMszyuM>
- <https://www.youtube.com/watch?v=XFG0edDJ39w>





UK MoD SELECTS CELOX RAPID HAEMOSTATIC GAUZE FOR ALL BRANCHES OF THE UK MILITARY

Thursday, January 11th, 2018

After extensive evaluation the UK Ministry of Defence (MoD) has selected Celox Rapid as its haemostat of choice.

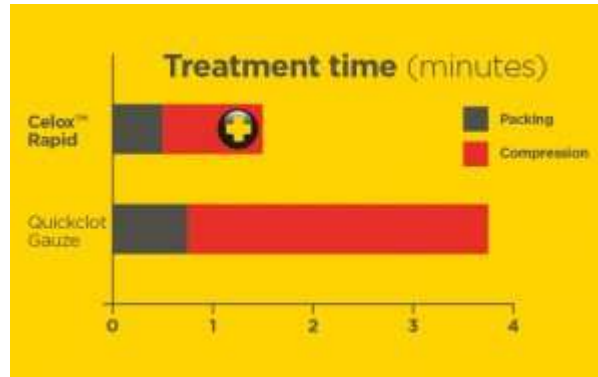
The Ministry of Defence has ordered its first consignment of Celox Rapid, having made the decision to switch to this latest generation of life-saving haemostat at the end of last year. The MoD decision comes following extensive selection process that **identified Celox Rapid as the most effective and fastest acting haemostatic gauze** available to stop life-threatening bleeding injuries.



Blood loss is the largest cause of preventable death both on the battlefield and in civilian trauma, and as a result, haemostats are increasingly being carried by military medics and civilian emergency responders alike. Celox Rapid, manufactured in the UK, is the global leader in this technology, which is based on Chitosan, and can stop life threatening arterial bleeding in under 60 seconds.

THE NEXT STEP FOR THE UK'S ARMED FORCES IN THEIR FIGHT TO CONTROL BLEEDING INJURIES ON THE BATTLEFIELD

Since 2006 when Celox granules were first introduced, Celox trauma products have been used to save the lives of soldiers and civilians alike. In 2008, the third generation haemostat Celox Gauze became the UK MoD product of choice and was used to save lives in the recent conflicts in Iraq and Afghanistan. Now Celox Rapid Gauze takes over as product of choice and will be used on the front line by all branches of the armed forces.



Celox vs. Quikclot Combat Gauze. Treatment time is the combined time of wound packing and compression time.

Time is critical when treating severe injuries in the field and saving time increases the chance of survival for the casualty in an emergency or hostile situation. To be effective in real use, haemostatic dressings need to work fast.

The current generation of haemostatic agents need at least 3 minutes of compression to work. Celox RAPID Gauze removes the delay by speeding up packing time¹⁰ and reducing compression time to just 60 seconds while using the proven haemostat technology of Celox. In recent tests Celox Rapid demonstrated successfully in laboratory coagulopathic bleeding^[22]

ENHANCED CHITOSAN

Celox Rapid contains Chito-R™ activated chitosan granules that stick to wet tissue in the wound¹⁰. Chito-R™ is bonded to a high density gauze that packs faster than traditional gauze⁹. Chito-R™ forms an adhesive gel that seals the wound to stop the flow of blood, speeding up compression time.

TRIED AND TESTED

Independent testing⁹ on Celox RAPID has shown the product works on lethal injuries and significantly reduces blood loss compared to Quikclot Gauze*. As well as reducing treatment time and blood loss, a model of tactical evacuation showed that the Celox RAPID Gauze stayed in place during transport with no re-bleeding¹⁰.

<http://www.celoxmedical.com/uk-mod-selects-celox-rapid/>