

WHEN IT'S LIFE OR DEATH, EVERY SECOND COUNTS THINK CELOX

PRODUCT BROCHURE

THE CHALLENGE: SAVING LIVES

FROM POST-TRAUMA BLEEDING

Catastrophic bleeding is the leading cause of preventable death, both in civilian life^{2,3} and on the battlefield⁴.



THE SOLUTION:

CELOX STOPS BLEEDING FAST

AND HELPS SAVE LIVES

Celox trauma products have helped save the lives of soldiers and civilians since 2006.

- + Celox haemostats use a highquality chitosan formulation, scientifically developed as a fastacting, safe and highly effective hemostat
- + Celox works independently of the body's classic coagulation pathway and does not generate heat⁹
- + Celox haemostats can rapidly promote clot formation, through absorption and dehydration forming a gel-like plug
- + Celox granules work even in challenging cases, including hypothermia and anticoagulation medications, e.g. heparin, warfarin^{9,10}



CELOX RAPID

The most recent addition to the Celox product range is Celox Rapid, our fastest-acting, high-density haemostatic gauze.

- + Celox Rapid contains our latest haemostatic technology with patented Chito-R augmented chitosan, giving fast emergency treatment in critical life-threatening situations
- + Celox Rapid is the UK Ministry of Defence's product of choice¹¹
- + Celox Rapid reduces blood loss by 60% by speeding up packing time and reducing compression time to one minute, or until bleeding stops¹²⁻¹⁴
- + Faster treatment time may improve casualty survival and aid treatment of multiple casualties

PRODUCT BENEFITS:



LIFE-THREATENING BLEEDING INJURIES + CRITICAL SITUATIONS WHERE COMPRESSION TIME IS LIMITED + EMERGENCY, PRE-HOSPITAL CARE

HOW CELOX RAPID WORKS

- 1 Celox Rapid contains Chito-R,™ a high-quality chitosan derivative, with the addition of a pharmaceutical-grade bioadhesive
- Chito-R is bonded to a high-density gauze which allows faster packing and greater adherence to surrounding tissue compared to another popular brand. This creates a secure gel plug for maintained haemostasis
- Chito-R activated chitosan granules stick to wet tissue in the wound, improving the dressing's tamponade effect and controlling blood loss¹⁴



PRESENTATION: 1.5m long x 7.6cm wide 'Z-fold' gauze



THICKNESS: 0.68mm

ABSORBENCY: >500%

PRODUCT CODE: FG08839021

CELOX GAUZE

Celox Gauze is recommended by the US Committee on Tactical Combat Casualty Care (CoTCCC) and is the haemostat of choice for multiple NATO forces and first responder units around the world.

- + Celox Gauze is a highly effective dressing for haemostasis and is designed to stop bleeding from arterial injuries, gunshot wounds, road traffic accidents and other lifethreatening bleeding injuries
- + Statistically significant improvement in survival, especially in more severe injuries¹
- + Reduced blood loss or requirement for fluid resuscitation with Celox Gauze versus another popular brand¹²

PRODUCT BENEFITS:



LIFE-CRITICAL SITUATIONS, INCLUDING ARTERIAL INJURIES, GUNSHOT WOUNDS, ROAD TRAFFIC ACCIDENTS AND OTHER EMERGENCY BLEEDING INJURIES

HOW CELOX GAUZE WORKS

- 1 Celox Gauze was developed to provide an improved method of delivering the proprietary granules and comprises macroscopic, high surface area, granular flakes, for maximum effectiveness
- 2 Celox Gauze absorbs blood fluid, swells and forms a gel-like plug that covers the wound and stops the bleeding
- Independent comparative tests in the form of a meta-analysis reported a statistically significant improvement in survival with Celox Gauze, compared to alternative agents (P<0.5)¹





PRESENTATION: 1.5m long x 7.6cm wide 'Z-fold' gauze or 3m x 7.6cm roll gauze

THICKNESS: 0.68mm

ABSORBENCY: >500%

PRODUCT CODE: Celox Gauze FG08839031 (Z-fold, 5ft), FG08834011 (rolled, 10ft)

CELOX GRANULES

- + The original Celox product proven to save lives and reliably stop arterial bleeding
- + Celox Granules mould to the shape of the wound, even in complex shaped injuries
- + In an independent trial by the US Navy, when compared to another popular agent and standard gauze, Celox Granules was the only product to give 100% survival and a robust gellike clot, with no re-bleeding¹⁷

PRODUCT BENEFITS:



EMERGENCY, PRE-HOSPITAL CARE + ARTERIAL AND VENOUS BLEEDING + LIFE-THREATENING BLEEDING + COMPLEX WOUNDS

PRESENTATION: 159

PRODUCT CODE: Celox Granules FG08830181

CELOX-A (APPLICATOR)

- + Celox-A is a high-speed applicator delivery system pre-packed with Celox Granules and designed to get through a small entry wound, directly to the source of bleeding, in just a few seconds.
- + Celox-A has excellent results in independent testing, demonstrating higher penetrating injury survival, compared with another popular agent and standard gauze¹⁷
- + Celox-A Granules are easily removed¹⁰

PRODUCT BENEFITS:



LIFE-THREATENING, EMERGENCY BLEEDING, PRE-HOSPITAL + SMALL ENTRY
WOUNDS E.G. KNIFE OR BULLET + PENETRATING WOUNDS + SHRAPNEL WOUNDS FROM BLASTS
+ APPLYING THROUGH STRONG BLOOD FLOWS

PRESENTATION: 6g granules in a pre-filled applicator.

PRODUCT CODE: FG08832021

FOXSEALTM

- + A latex-free occlusive dressing for the treatment of open chest wounds and the prevention of pneumothorax
- + Unlike other dressings which, due to their size, require folding, leading to a permanent crease that compromises a true seal -Foxseal is compact and neatly fits into pouches to avoid creasing

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Provides dependable adhesion in the most challenging situations.¹⁸



PRODUCT BENEFITS:



POST-TRAUMATIC BLEEDING ON OPEN CHEST WOUNDS + PRE-HOSPITAL EMERGENCY SITUATIONS

PRESENTATION: $13.0 \times 13.3 \text{ cm}/5.12'' \times 5.23''$ two single-use chest seals in a sterile pack

PRODUCT CODE: FG08814441

ORDERING CELOX PRODUCTS

Celox is sold through a network of distributors. To find out who represents Celox in your area, or to become a distributor, please contact **celoxenquiries@medtrade.co.uk** detailing what country you are in, and with details about your intended use.

Further information

To request a Material Safety Data Sheet (MSDS), or for any other information on the Celox product range, please contact **celoxenquiries@medtrade.co.uk**

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SPEED CAN KILL, BUT IT CAN ALSO SAVE LIVES THINK CELOX[™]

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