



LAW ENFORCEMENT



# QUIKCLOT® BELT TRAUMA KIT® PLUS



## Inside the QuikClot Belt Trauma Kit Plus (BTK+)

The QuikClot BTK+ is a compact, lightweight, wearable holder that is a cost-effective way to add another layer of safety to your daily routine. It contains all of the components necessary to treat and control a minor to traumatic bleeding injury. It fits up to a 2-inch belt and can be rotated 90 degrees to make room for other gear.

## QuikClot Benefits



### PROVEN RESULTS

In numerous independent studies, QuikClot products have demonstrated improved time to hemostasis<sup>1,2</sup> and ability to maintain a robust clot during movement.<sup>1,3,4</sup>



### WORKS FAST

Promotes clotting within minutes.<sup>1,2,5-7</sup>



### COST EFFECTIVE

Less expensive than protein-based products, with a rapid effectiveness that may reduce the need for more expensive treatments.<sup>8</sup>



### SAFE

There are no exothermic reactions, no human or animal proteins, no thrombin, fibrinogen or shellfish products.



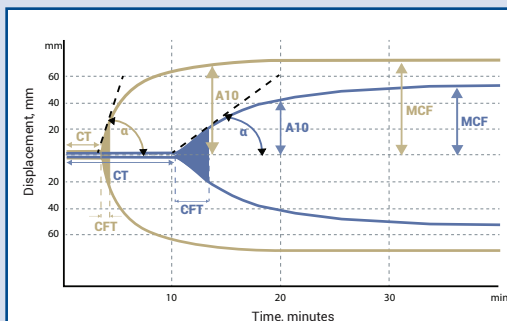
### EASY TO USE

Intuitive to use, like standard gauze.<sup>1</sup> Conforms readily to the wound site and will not break down or fall apart under pressure.

## The QuikClot Belt Trauma Kit Plus includes:

- QuikClot Combat Gauze LE
- SOF™ TT-W (black or orange)
- Mini compression bandage
- Gloves, nitrile

## QuikClot Hemostatic Devices Promote Clotting Within Minutes<sup>1,2,5-7</sup>



	CT (sec)	CFT (sec)	$\alpha$ (degrees)	A10 (mm)	MCF (mm)
QuikClot+ Blood	204	43	81	67	72
Blood	605	181	56	44	54

Source: TEM Systems, Inc., 2015

Rotational Thromboelastometry (ROTEM) is used in bleeding situations to assess the viscoelastic properties of whole blood hemostasis. QuikClot treated blood shows a faster CT\*, shorter CFT\* and steeper  $\alpha^*$  than blood alone, which indicates that the clot is activated quickly and amplifies rapidly. The greater the amplitude of the graph, the firmer the clot (A10\*, MCF\*). As can be seen in the graph, QuikClot treated blood forms a stronger clot faster than untreated blood.

\*Clot Time (CT) describes the onset of clot formation (in sec); Clot Formation Time (CFT) shows clot propagation (in sec); the alpha angle ( $\alpha$ ) is taken tangent to the clotting curve at 2mm (in degrees $^\circ$ ); A10 is the Amplitude 10 minutes after CT; Maximum Clot Firmness (MCF) describes maximum clot firmness.

## Instructions For Use



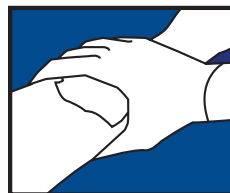
### STEP 1:

Open package and remove **Combat Gauze LE**. Keep the empty package.



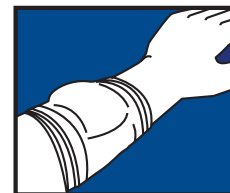
### STEP 2:

Pack **Combat Gauze LE** into wound and use it to apply pressure directly over bleeding source. More than one **Combat Gauze LE** may be required.



### STEP 3:

Continue to apply pressure for 3 minutes or until bleeding stops.



### STEP 4:

Wrap and tie bandage to maintain pressure. Seek medical care immediately. Show product removal directions on package to medical personnel.

**PRODUCT REMOVAL:** 1. Gently remove gauze from wound. 2. Thoroughly irrigate wound.

## Ordering Information & Product Numbers

If you are ready to order, you can send a Purchase Order via fax to **1-800-343-8656**, or email **orders@Z-Medica.com**.

**Z-Medica® does not accept orders by phone.**



### QuikClot® Belt Trauma Kit® Plus

**Item #583** with black tourniquet

**Item #534** with orange tourniquet

Kit configurations are subject to change without notice.

1. Kheirabadi BS, Scherer MR, Estep JS, Dubick MA, Holcomb JB. Determination of efficacy of new hemostatic dressings in a model of extremity arterial hemorrhage in swine. J Trauma. 2009;67:450-460. 2. Trabattoni D, Montorsi P, Fabbicchi F, Lualdi A, Gatto P, Bartorelli A. A new kaolin-based haemostatic bandage compared with manual compression for bleeding control after percutaneous coronary procedures. Eur Radiol. 2011;21:1687-1691. 3. Johnson D, Westbrook DM, Phelps D, Blanco J, Bentley M, Burgert J, Gegg B. Am J Disaster Med. 2014 Fall; 9(4):309-315. 4. Garcia-Blanco J, Gegg B, Burgert J, Johnson S, Johnson D. The Effects of Movement on Hemorrhage When QuikClot® Combat Gauze™ Is Used in a Hypothermic Hemodiluted Porcine Model. Journal of Special Operations Medicine. 2015 Spring;15(1):57-60. 5. Trabattoni D, Gatto P, Bartorelli A. A new kaolin-based hemostatic bandage use after coronary diagnostic and interventional procedures. Int J Cardiol. 2012;156(1):53-54. 6. Politi L, Aprile A, Paganelli C, et al. Randomized clinical trial on short-time compression with kaolin-filled pad: a new strategy to avoid early bleeding and subacute radial artery occlusion after percutaneous coronary intervention. J Interv Cardiol. 2011;24:65-72. 7. Pahari M, Moliver R, Lo D, Pinkerton D, Basadonna G. QuikClot® Interventional™ Hemostatic Bandage (QCI): a novel hemostatic agent for vascular access. Cath Lab Digest. 2010;18(1):28-30. 8. Lamb KM, Pitcher HT, Cavarocchi NC, Hirose H. Vascular site hemostasis in percutaneous extracorporeal membrane oxygenation therapy. Open Cardiovasc Thorac Surg J. 2012;5:8-10.

**QuikClot®**  
POWER TO STOP BLEEDING  
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