



LAW ENFORCEMENT



QUIKCLOT® BELT TRAUMA KIT®



QuikClot
Combat Gauze® LE
Five-year
Shelf Life

QuikClot Benefits

PROVEN RESULTS



In numerous independent studies, QuikClot products have demonstrated improved time to hemostasis^{1,2} and ability to maintain a robust clot during movement.^{1,3,4}



WORKS FAST

Promotes clotting within minutes.^{1,2,5-7}



COST EFFECTIVE

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



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.¹ Conforms readily to the wound site and will not break down or fall apart under pressure.

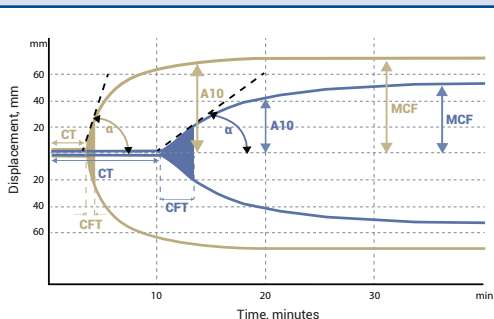
Inside the QuikClot Belt Trauma Kit (BTK)

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.

The QuikClot Belt Trauma Kit includes:

- QuikClot Combat Gauze LE
- SWAT-T
- CPR Shield
- Gloves, nitrile

QuikClot Hemostatic Devices Promote Clotting Within Minutes^{1,2,5-7}



	CT (sec)	CFT (sec)	α (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 α* 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 (α) is taken tangent to the clotting curve at 2mm (in degrees); 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.



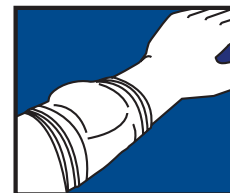
STEP 2:

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 Number

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®
Item #261

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 AL. A new kaolin-based hemostatic 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, et al. The effects of QuikClot Combat Gauze on hemorrhage control when used in a porcine model of lethal femoral injury. *Am J Disaster Med*. 2014;9(4):309-315. 4. Garcia-Blanco J, Giegel 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. *J Spec Oper Med*. 2015;15(1):57-60. 5. Trabattoni D, Gatto P, Bartorelli AL. A new kaolin-based hemostatic bandage use after coronary diagnostic and interventional procedures. *Int J Cardiol*. 2012;156(1):53-54. 6. Poiti 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(1):65-72. 7. Pahari M, Moliver R, Lo D, Pinkerton D, Basadonna G. QuikClot Interventional Hemostatic Bandage (QCII): 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®
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