



QuikClot[®]
POWER TO STOP BLEEDING

P R O D U C T C A T A L O G

QUIKCLOT®: FOR IMPROVED MEDICAL OUTCOMES

Minimizing blood loss can help save patients' lives.

Uncontrolled bleeding is a major cause of preventable deaths. With QuikClot hemostatic devices, medical personnel can stop bleeding faster, more effectively, and without excessive costs.

40

Approximately 40% of trauma-related deaths worldwide are due to bleeding or its consequences, establishing hemorrhage as the most common cause of preventable death in trauma.¹

Innovation in hemostasis

QuikClot hemostatic devices are different from standard surgical gauzes and other hemostatic agents. They stop bleeding significantly faster and are more effective than standard gauzes, while being just as safe and intuitive to use.²⁻⁶

Unlike other hemostatics, QuikClot devices are impregnated with kaolin, an inorganic mineral that accelerates the body's natural clotting ability.^{4,7} Medical teams can achieve hemostasis confidently – without the worry of instigating an allergic response.^{4,7}

"Making QuikClot available throughout the hospital gives medical teams a powerful tool for controlling bleeding, minimizing blood-loss consequences, and saving lives."

QuikClot is the proven clotting device that addresses hospital concerns of standardization, cost containment, patient safety, and satisfaction.

WORKS FAST

Promotes clotting within minutes.^{2,6}

SAFE

Over 6 million units supplied to the US military with no reported product-related adverse events.⁸ No exothermic reaction, no human or animal proteins, no thrombin, fibrinogen, or shellfish products.

EASY TO USE

Intuitive to use, like standard gauze.⁶ Conforms readily to the wound site and will not break down or fall apart under pressure.

COST EFFECTIVE

Less expensive than protein-based products, with a rapid effectiveness that may reduce the need for more expensive treatments.⁷

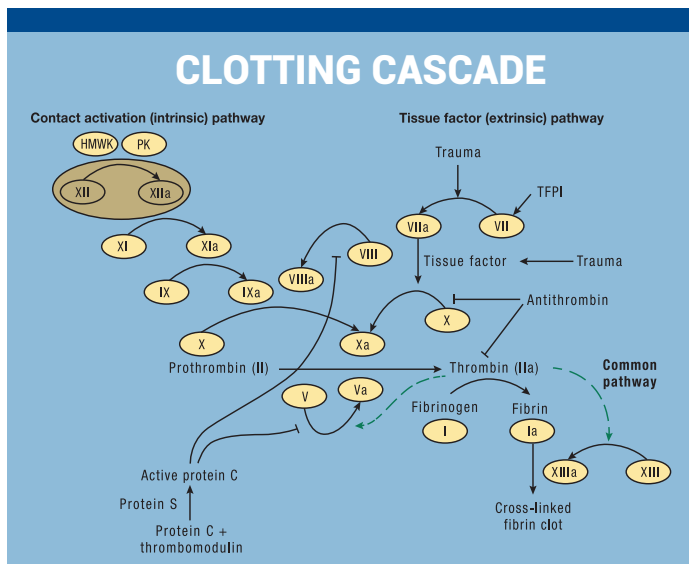
PROVEN RESULTS

Independent test results published in several respected journals show that QuikClot can dramatically improve survival rates versus the alternatives.^{8,9} Whether compared to standard gauze or other available hemostatic agents, QuikClot has superior results that indicate it can reduce blood loss and promote stronger clots.^{8,7,10,11}

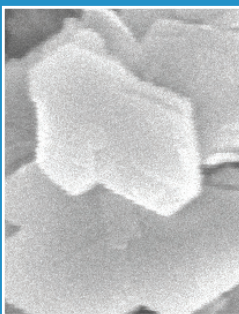


Understanding how QuikClot works: **the Kaolin Difference.**

For more than 8 years, QuikClot hemostatic devices have been made with kaolin. Kaolin is a naturally occurring, inorganic mineral that accelerates the body's natural clotting process.^{4,7} It works on contact with blood to immediately initiate the clotting process.⁷



QuikClot kaolin technology accelerates the body's natural clotting cascade^{4,7}



Kaolin works on contact with blood to immediately initiate the clotting process by activating factor XII.⁷ This reaction leads to the transformation of factor XII to its activated form XIIa, which instigates the rest of the coagulation cascade.¹²

Microscopic View of Kaolin

Preferred by the US military, deployed throughout the world.



QuikClot Combat Gauze[®] has a documented record of success proven by extensive data recognized by the US Department of Defense. With more US military battlefield applications than any other hemostatic dressing, QuikClot Combat Gauze has helped medical operators keep more US warfighters alive.

In 2008, Combat Gauze was recommended as the only hemostatic dressing to be used by the US military. This was based on extensive testing conducted by the United States Army Institute for Surgical Research (USAISR) and the Naval Medical Research Center (NMRC).^{6,13}

After extensive review of current data by the Committee on Tactical Combat Casualty Care (CoTCCC) in 2017, Combat Gauze was re-affirmed as the hemostatic dressing of choice.¹⁴

CoTCCC guidelines state:

"For compressible (external) hemorrhage not amenable to limb tourniquet use or as an adjunct to tourniquet removal, use Combat Gauze as the CoTCCC hemostatic dressing of choice."¹⁴

IT'S QUIKCLOT COMBAT GAUZE TECHNOLOGY PACKAGED FOR HOSPITAL APPLICATIONS

Military doctors call it Combat Gauze

Since its adoption by the US military, more than 6 million QuikClot units have been shipped with no reported product-related adverse reactions.⁸ Military doctors and medics know QuikClot by its military name: QuikClot Combat Gauze.

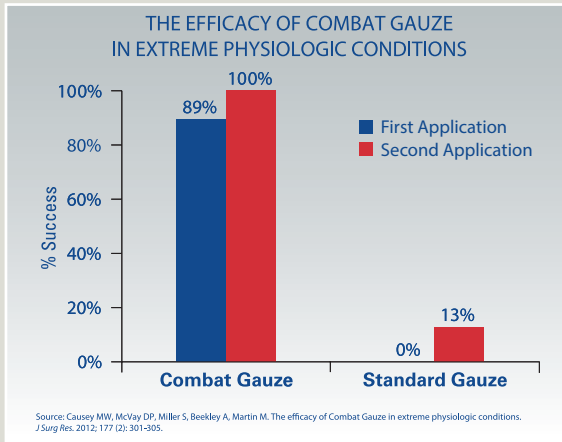
The product that soldiers use to help control bleeding on the front lines has been sized and packaged for hospital settings, bringing proven battlefield technology directly to medical personnel.

"With QuikClot, I get the same bleeding control in my ER that soldiers get with their medic kits."

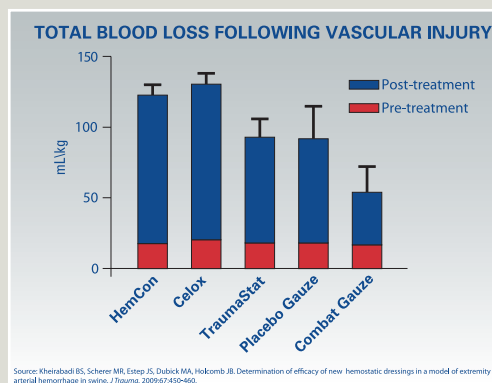
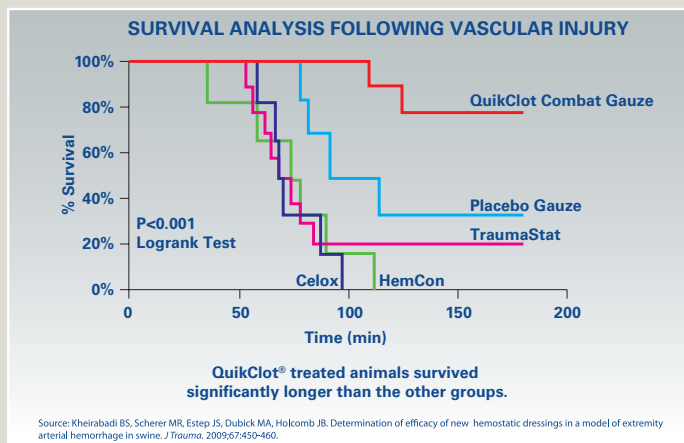


Proven science with documented results

Independent test results published in several respected journals show that QuikClot can dramatically improve survival rates versus the alternatives.^{6,9}



Compared to standard gauze or other available hemostatic agents, QuikClot has superior results that indicate it can reduce blood loss and promote stronger clots.^{6,7,10,11}



Proven in laboratories and hospitals

Researchers, hospitals and first responders put the efficacy of QuikClot to the test saving lives. Here are some of the many documented results:

Study:

A new kaolin-based hemostatic bandage used after coronary diagnostic and interventional procedures

Trabattoni D, Gatto P, Bartorelli AL. *Int J Cardiol.* 2012;156(1):53-54.

- QuikClot Interventional (QCI) was evaluated for safety and efficacy in femoral artery closure following diagnostic or interventional procedures.
- Patients treated with QCI achieved hemostasis in a mean time of 4.9 minutes, allowing for early ambulation at 4 hours without any incidence of re-bleeding or hematoma.
- QCI “allows for a shorter and painless hemostasis procedure.”

Study:

The efficacy of Combat Gauze in extreme physiologic conditions

Causey MW, McVay DP, Miller S, Beekley A, Martin M. *J Surg Res.* 2012;177(2):301-305.

- The efficacy of QuikClot Combat Gauze was assessed in a model of severe acidosis and coagulopathy to mimic a post-traumatic environment.
- Results indicate that QuikClot Combat Gauze significantly outperforms standard gauze dressings in this extreme physiologic model of a vascular injury.

Study:

Vascular site hemostasis in percutaneous extracorporeal membrane oxygenation therapy

Lamb KM, Pitcher HT, Cavarocchi NC, Hirose H. *Open Cardiovasc Thorac Surg J.* 2012;5:8-10.

- The efficacy of QuikClot Combat Gauze was assessed when applied to bleeding from the femoral artery or vein, internal jugular vein, tracheostomy and gastrostomy in patients receiving percutaneous extracorporeal membrane oxygenation support.
- QuikClot Combat Gauze controlled bleeding at these sites within 24 hours, resulting in “a significant reduction in both localized bleeding complications and the need for blood transfusion.”
- QuikClot Combat Gauze “is the most cost-effective product compared to... other hemostatic products such as Surgicel®, Gelfrom® [sic] and Fibrillar®.”

PACKAGED FOR HOSPITAL PROCEDURES

Hospital Products

Standardize areas of the hospital with QuikClot

QuikClot can be utilized in multiple units of the hospital such as:

• Emergency Room

Procedures such as nosebleeds, lacerations, bleeding AV fistula, avulsions, amputations, road rash, traumatic wounds, etc.

• Intensive Care Unit

Procedures such as oozing lines, tubes and drains, fresh tracheostomy, skin tears, etc.

• Dialysis

Procedures such as daily arterial and venous pulls, bleeding AV fistula, oozing vascular catheters, etc.

• Operating Room

Surgical wounds such as debridement, amputation, plastic surgery, pockets, ports, reconstructive, maxillofacial, skin incisional bleeding, traumatic wounds, etc.

• Cath Lab, EP Lab and IR Lab

Procedures such as access line removal – arterial and venous, ports, pacer pockets, etc.

• Wound Care

Procedures such as bleeding wounds, amputations, etc.

• IV Team

Procedures such as oozing lines and line removal.



QuikClot TraumaPad®

QuikClot TraumaPad is a 3-ply, 12-inch x 12-inch pad with an x-ray detectable strip, packaged in a foil pouch for aseptic removal. Packed 10 per box.

Item #460



QuikClot® Z-Fold Hemostatic Dressing

QuikClot Z-Fold Hemostatic Dressing is a 3-inch x 4-yard, z-folded gauze with an x-ray detectable strip, packaged in a foil pouch for aseptic removal. Packed 10 per box.

Item #487



QuikClot® Roll Hemostatic Dressing

QuikClot Roll Hemostatic Dressing is a 3-inch x 4-yard, rolled gauze with an x-ray detectable strip, packaged in a foil pouch for aseptic removal. Packed 10 per box.

Item #461



QuikClot® 4x4 Hemostatic Dressing

QuikClot 4x4 is a 4-inch x 4-inch, 4 ply gauze with an x-ray detectable strip, packaged in a foil pouch for aseptic removal. Packed 10 per box.

Item #459



QuikClot® Interventional® with 3M™ Tegaderm™ Bandage

QuikClot Interventional is a soft, white, nonwoven, hydrophilic pad, packaged in a foil pouch for aseptic removal. Packed 10 per box.

Item #183



QuikClot® Interventional® Pre-Slit with 3M™ Tegaderm™ Bandage

QuikClot Interventional Pre-Slit Pad is slit to easily fit around catheters, tubes, or introducer sheaths where bleeding or oozing is a problem. Packed 10 per box.

Item #188



QuikClot® Radial®

QuikClot Radial is a soft, white, nonwoven, hydrophilic roll gauze and a unique direct pressure adhesive bandage. Packed 10 per box.

Item #374

QuikClot FDA 510(k) Clearance

QuikClot Hemostatic Dressings

Indicated as a topical dressing for the local management of bleeding wounds such as cuts, lacerations, and abrasions. It may also be used for temporary treatment of severely bleeding wounds such as surgical wounds (operative, postoperative, dermatological, etc.) and traumatic injuries.

QuikClot Interventional and Radial

Indicated as an adjunct to manual compression and for local management and control of surface bleeding from vascular access sites, percutaneous catheters or tubes utilizing introducer sheaths up to 12 Fr. or 7 Fr. in patients on drug-induced anticoagulant treatment.



Ordering is easy

To place an order, fax a Purchase Order to **1-800-343-8656**, or email orders@Z-Medica.com
Z-Medica® does not accept orders by phone.

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MCM-559_041317

