QuikClot® 1st Response™

Application and Training Guide
New Formula

**QuikClot**

1st Response™

Advanced Clotting Sponge

**Adsorbent Hemostatic Agent**

Controls moderate to severe blood loss by promoting coagulation
What is QuikClot®, how does it work, and why use it?

• **QuikClot**® 1st Response™ acts as a selective molecular sponge. It is biologically inert, inorganic, and traps water molecules by hydrogen bond formation in a molecular cage.

• **QuikClot**® causes rapid localized coagulation and the formation of a stable blood clot in a variety of wounds. It does not absorb into the body, and is safe to leave in the wound until further medical care is available.

• **QuikClot**® controls bleeding faster than conventional methods.
COOL FORMULA

The re-engineered cooler formula gives the first responder an effective means to control bleeding using this proven technology. Typical maximum temperature measured in vivo: 105°F/40.5°C
How to use
QuikClot® 1st Response™
Read Package Directions before Use.
(Directions are on the back of the product package)
Take Proper Body Substance Isolation (BSI) procedures.
Check your local policies, procedures and protocols for use of hemostats*.

Sample of suggested language to be used in SOP

**SUBJECT:** QUIKCLOT®1st Response™ and QUIKCLOT® ACS+™ (Advanced Clotting Sponge) HEMOSTATIC AGENT

I. **PURPOSE:** The purpose of this Standard Operating Procedure is to define guidelines governing the carrying and use of the QUIKCLOT® products.

II. **SCOPE:** This procedure shall apply to all __________ personnel who carry and/or utilize the QUIKCLOT® products.

III. **DISCUSSION:** As a first responder, you may be required to render medical aid to traumatic wound victims. Blood loss is the primary cause of death in traumatic wound victims.

QUIKCLOT® products are provided to __________ as a tool to enhance effectiveness of medical aid to victims of traumatic wounds.

IV. **DEFINITIONS:**

A. **QuikClot® Hemostatic Agent:** A sterile, traumatic wound treatment that rapidly arrests high-volume blood loss.

   in large wounds, arresting the hemorrhage. QUIKCLOT® products affect coagulation in moderate-to-severe wounds, including high-volume venous and arterial bleeding.

B. **Hemorrhage:** High-volume blood loss.

C. **Coagulation:** Clotting of blood.

*Please contact Z-Medica if you require further assistance.
Tear open package of QuikClot® 1st Response™
Remove excess pooled blood from wound, while preserving any clots already in the wound if possible.
Pack QuikClot® 1st Response™ tightly and directly onto bleeding source. More than one may be required. Product may feel warm (typically 105°F / 40.5°C).
Quickly apply pressure until bleeding stops.
Suggested time 3 to 5 minutes of continuous pressure.
Leave QuikClot® 1<sup>st</sup> Response™ in place. Wrap to secure the product in the wound.
Transportation

- Do not remove bandage or QuikClot®. Elevate and evaluate as needed.

- Transport to additional medical care as soon as possible.
Make sure empty package is attached to or sent with the patient - removal instructions are on the back of package for emergency room staff.
Medical Facility

Product Removal:

1. Gently remove mesh bag(s) from wound.

2. If any beads are present in the wound they may be removed by normal irrigation and/or suction until all loose beads are removed.

Device contains a blue X-ray detectable element.
• Not for internal use
• Do not use on sucking chest wounds
• Do not use on exposed bowels
• Keep out of airway and eyes
Feedback

We listen to your feedback. Please fill out an evaluation form.

Note: Form can be found on training CD or contact Z-Medica.