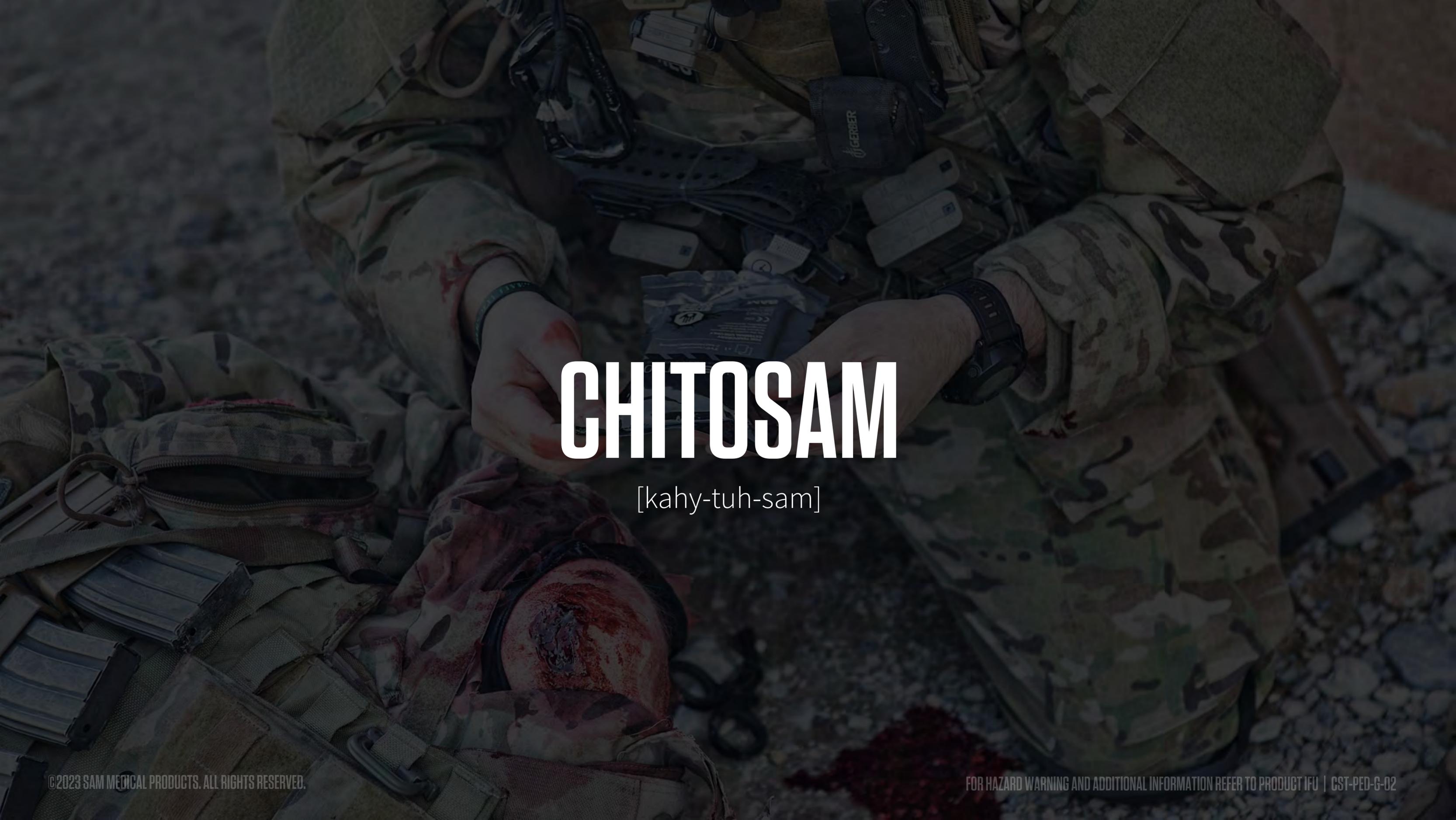


CHITOSAM TRAINING

[kahy-tuh-sam]

SAM[®]
MEDICAL

SAM[®]
MEDICAL



CHITOSAM

[kahy-tuh-sam]

https://www.youtube.com/watch?v=WZLsrH_gTXM

CHITOSAM

[kahy-tuh-sam]

CHITOSAM

ChitoSAM is a high-performance hemostatic, non-woven chitosan dressing, spun directly from chitosan derived from crustaceans, including snow crab shells.

Designed to stop lethal bleeding rapidly, easy to use, and works independently from the body's normal clotting process.

https://www.youtube.com/watch?v=V_gS-A9u0sM

A person wearing a blue protective suit is lying on a stretcher in a field. The person's hands are visible, wearing orange gloves. Medical equipment, including a white bag with a red cross and a black bag, is scattered around the stretcher. The background shows a field with some vegetation. The text "ENGINEERED TO PRESERVE LIFE" is overlaid in large, white, bold letters across the center of the image.

ENGINEERED TO PRESERVE LIFE

ENGINEERED TO PRESERVE LIFE



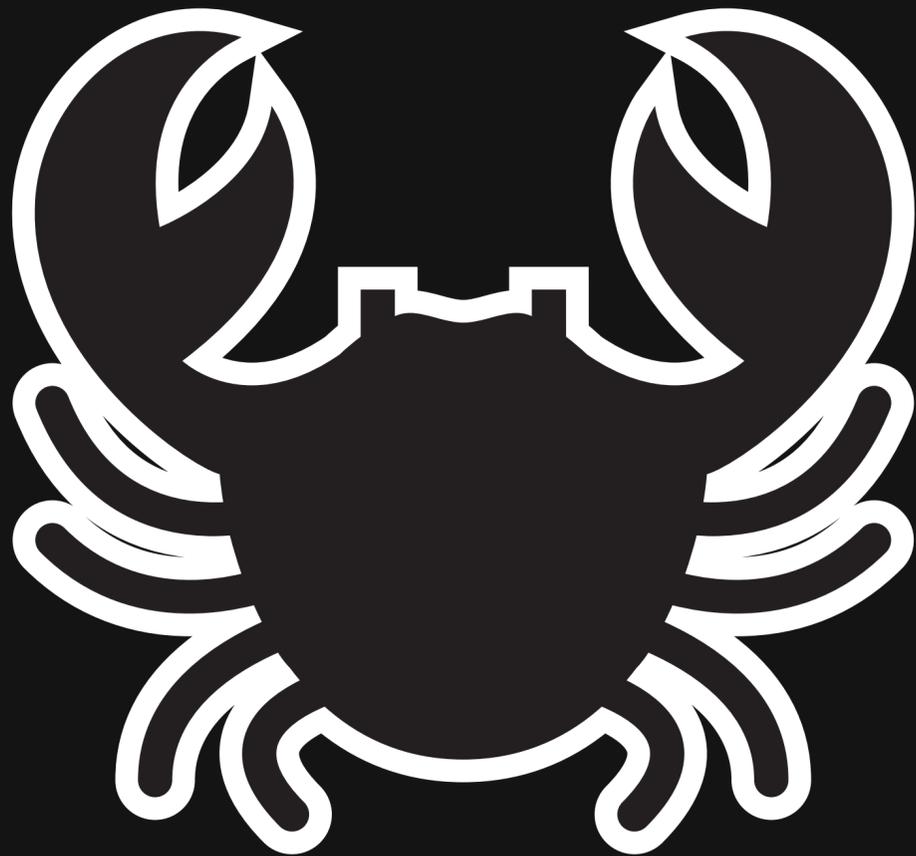
ENGINEERED TO PRESERVE LIFE



**STOPS
BLEEDING
FAST**

Designed to stop lethal bleeding rapidly, easy to use, and works independently from body's normal clotting process.

ENGINEERED TO PRESERVE LIFE



CHITOSAN

Chitosan (polymerized glucosamine) has an extensive history of use as a hemostat in EMS, Military, and Tactical arenas. ChitoSAM is composed of non-woven chitosan. It contains no cotton, rayon or polyester.



ENGINEERED TO PRESERVE LIFE

NON-WOVEN DRESSING

Facilitates tearing into smaller pieces as needed.

ENGINEERED TO PRESERVE LIFE



TEAR ANYWHERE PACKAGE

Innovative package design allows for quick access from any side.



WHY CHITOSAM?

CHITOSAM

ChitoSAM is a high-performance hemostatic, non-woven chitosan dressing, spun directly from chitosan derived from crustaceans, including snow crab shells.

Designed to stop lethal bleeding rapidly, easy to use, and works independently from the body's normal clotting process.

A person wearing tactical gear and gloves is applying a Chitosam dressing to a wound on a person's arm. The scene is dimly lit, suggesting an outdoor or emergency setting. The person applying the dressing is wearing a black jacket and orange gloves. The person being treated is wearing a blue jacket. The Chitosam dressing is a blue and white packet with the text 'Chitosam 100' and 'CHITOSAN HEMOSTATIC DRESSING' visible. The packet also features a hand icon and the text 'STOPS BLEEDING FAST'.

CHITOSAM APPLICATION

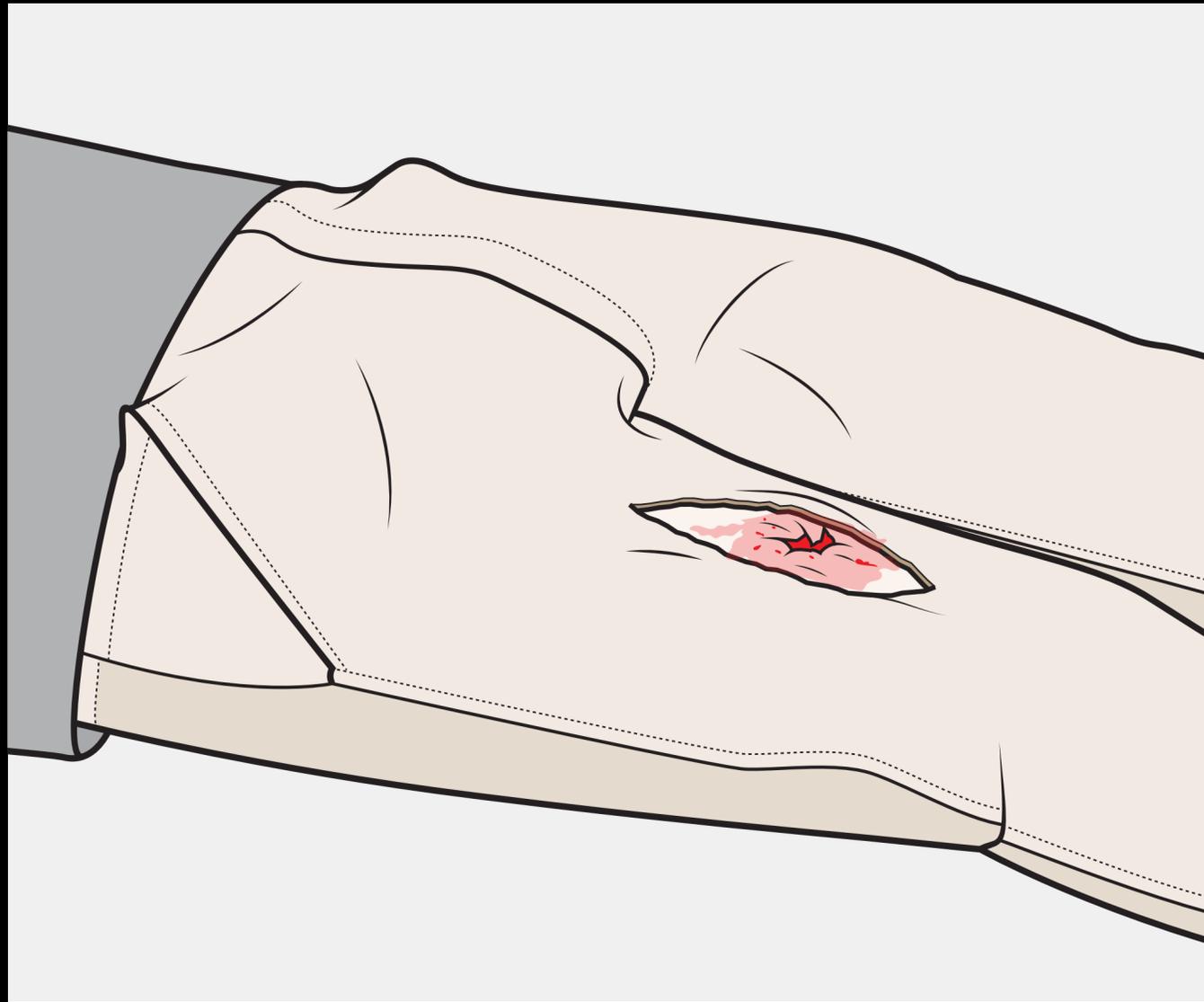
[kahy-tuh-sam]



<https://www.youtube.com/watch?v=yStz085iBMM>

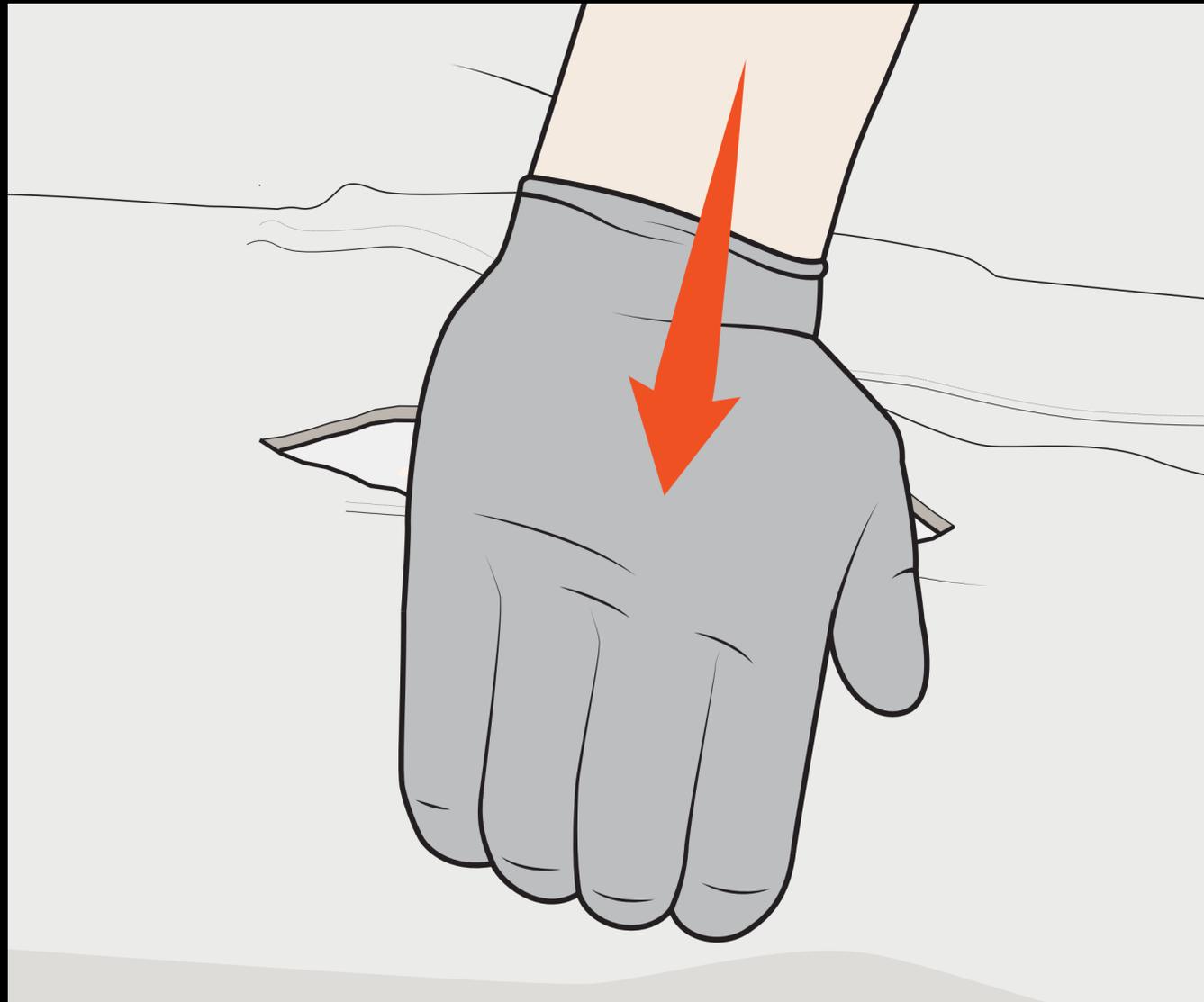
STEP 02 | STOP THE BLEED

STOP THE BLEED



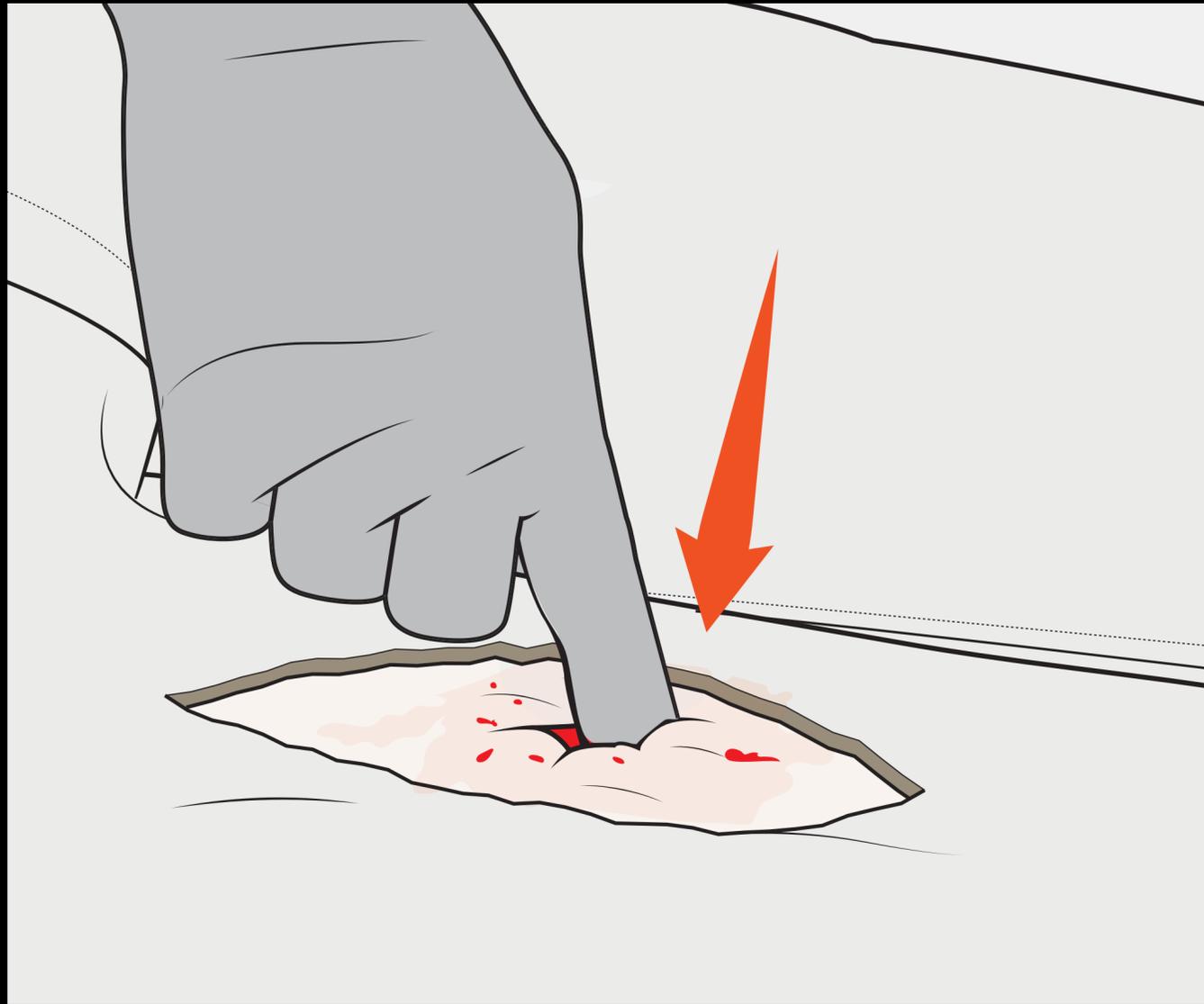
Identify and expose the wound

STOP THE BLEED



Immediately apply direct pressure to the wound, using gauze, clean cloth, elbow, knee-whatever it takes to slow or stop the hemorrhage-until you have time to get out your wound packing supplies.

STOP THE BLEED



If you see an obvious source of bleeding (artery, vein, or both) Apply firm, direct pressure to that source.

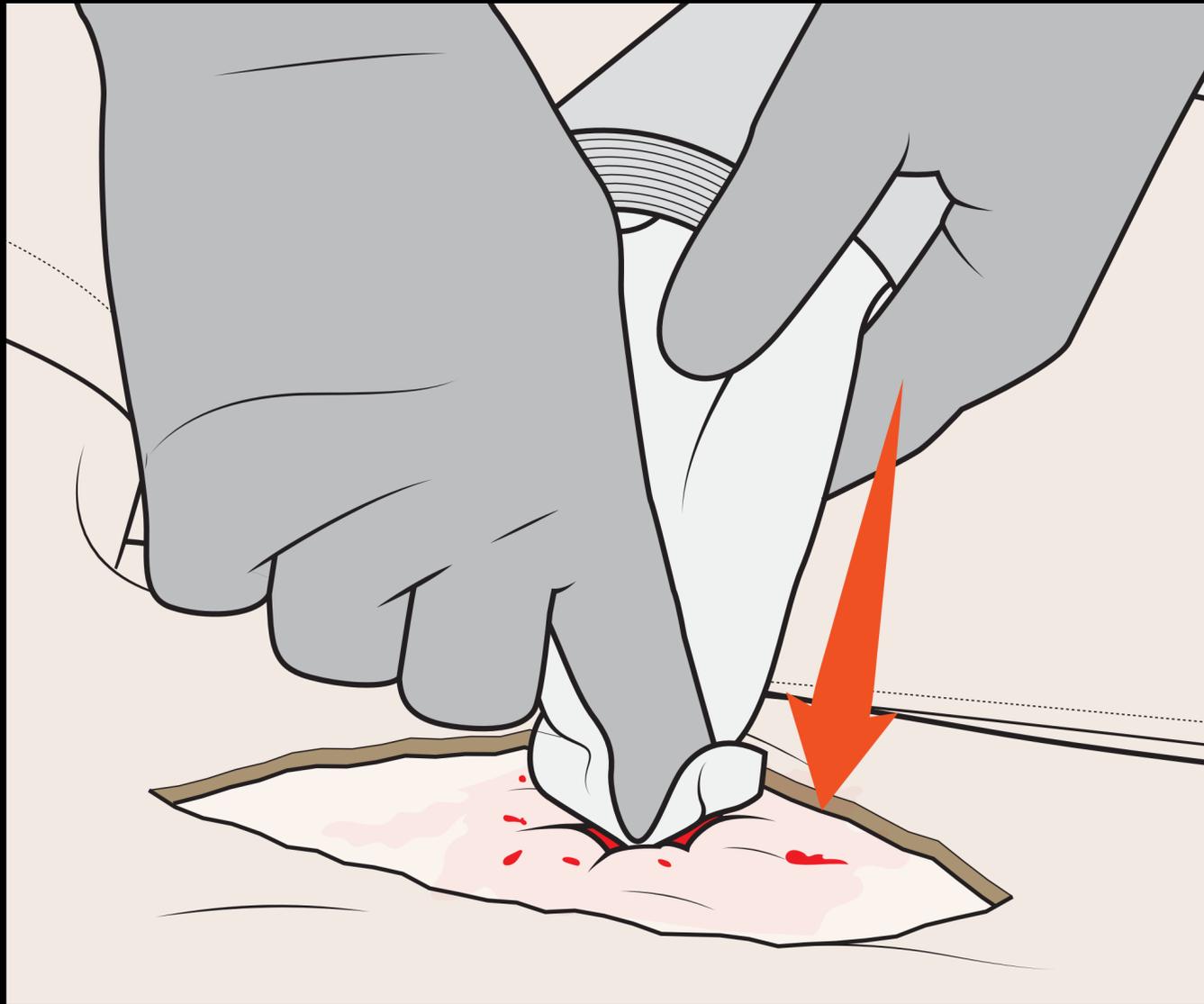
STEP 02 | PACK THE WOUND

PACK THE WOUND



Open the ChitoSAM and
remove the gauze.

PACK THE WOUND



Insert ChitoSAM as deep into wound as you can. Apply packing continuously as tightly as possible, working from the depth of the wound, to the surface.

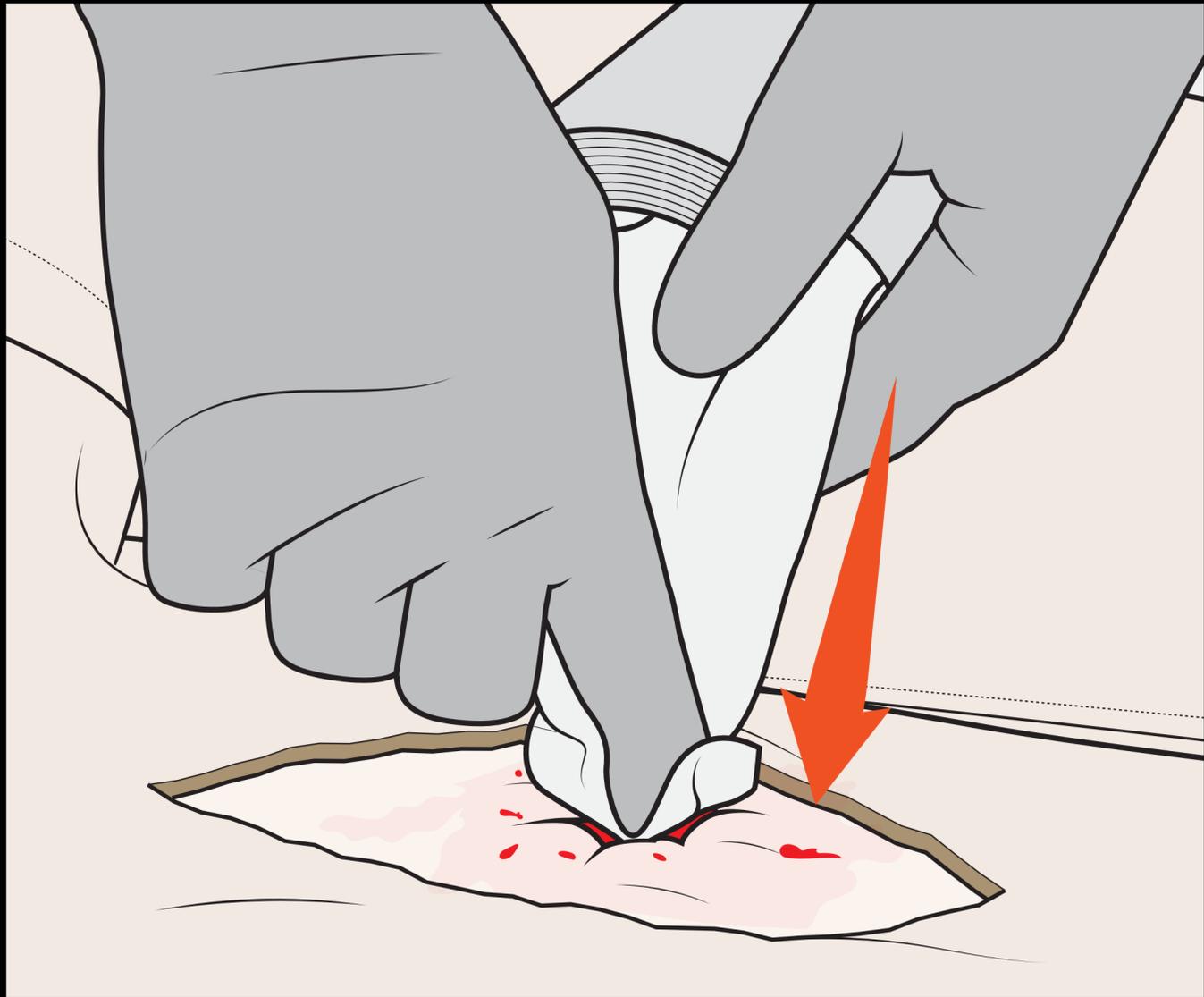
STEP 03 | KEEP PACKING

KEEP PACKING

When you think you have packed the wound enough

PACK MORE!

KEEP PACKING



Pack the wound with additional ChitoSAM. If you run out of ChitoSAM continue to pack with standard gauze until the wound is completely full.

When you finish, if packed correctly, the packing and wound surface should feel rock solid.

KEEP PACKING

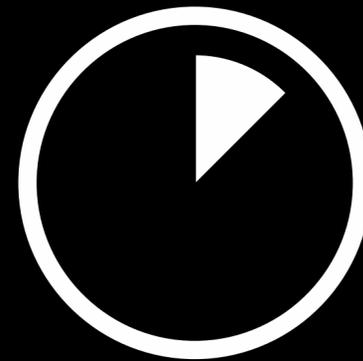
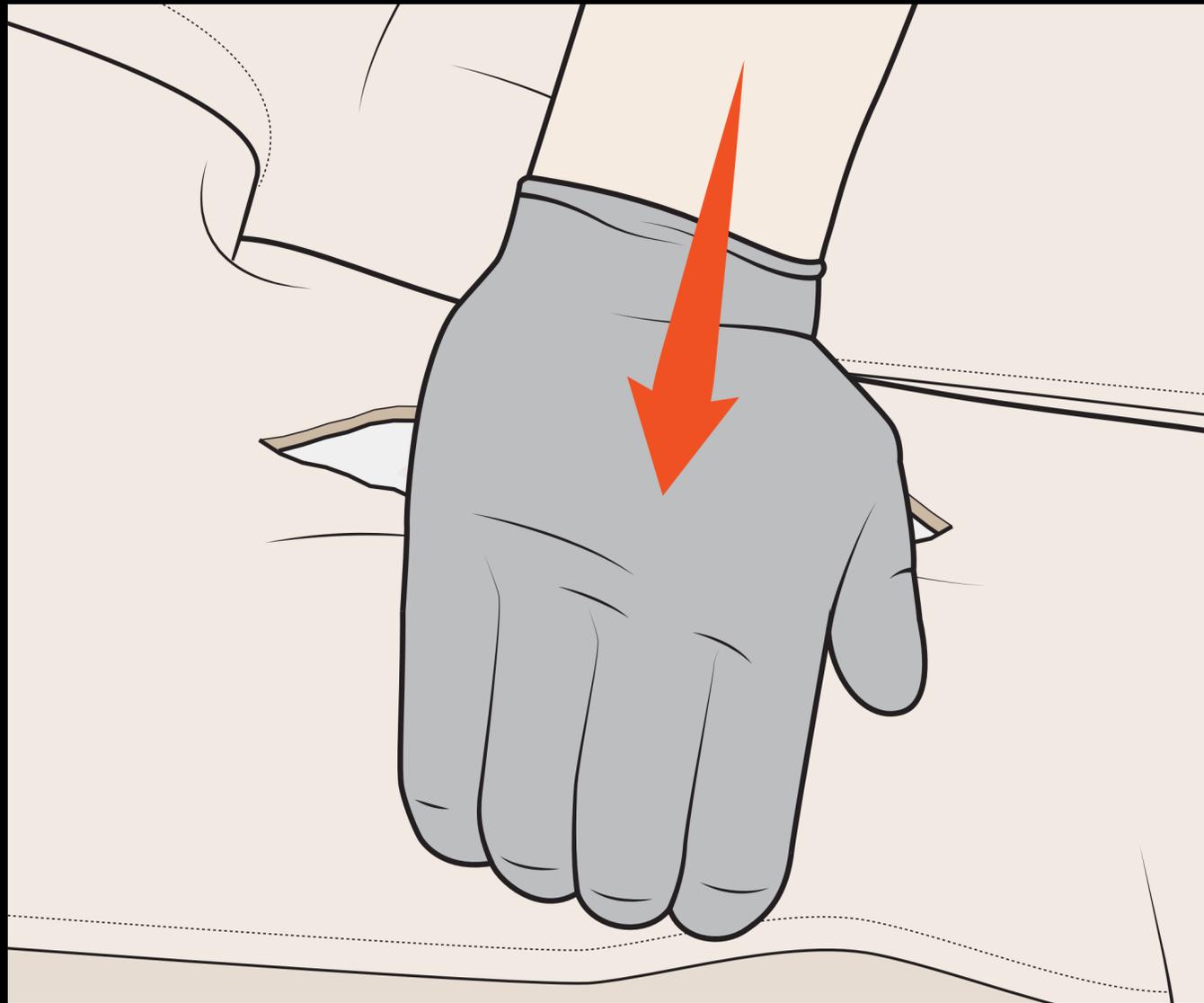
The key to successful wound packing is that the wound be very tightly packed, applying as much pressure as possible to the bleeding vessel.

This pressure against the vessel is the most important component of hemorrhage control.

STEP 04

APPLY FIRM PRESSURE

APPLY FIRM PRESSURE



03 : 00
MIN SEC

Apply direct firm pressure for a minimum of 3 minutes.

STEP 05 | SECURE TIGHTLY

CONTINUED HEMORRHAGE

CONTINUED HEMORRHAGE

If bleeding persists, attempt to add more packing if possible. Apply additional direct pressure for 3 more minutes and add compression dressing.

CONTINUED HEMORRHAGE

Should the bleeding continue, additional measures such as the SAM XT above the wound, or a SAM Junctional tourniquet may be required. Apply until bleeding stops and expedite transfer to a definitive care facility.

FAQS

FAQS



Does ChitoSAM change the casualty's clotting process?

No, ChitoSAM actually work independent of the person's normal clotting factors to enhance the clotting process.

FAQS



How can ChitoSAM be so pure?

Because ChitoSAM is created through a process which spins chitosan into a cloth like material. Others impregnate or coat a dressing with chitosan, ChitoSAM is a nearly pure hemostatic agent.

FAQS



Has chitosan or products containing chitosan been used in humans?

Yes, chitosan has a significant history of use specifically to control bleeding in cardiac surgery.





FAQS

Can ChitoSAM be used to pack a wound?

Yes, ChitoSAM is recommended whenever excessive bleeding occurs and a simple treatment process is not effective. This should include large open wounds such as lacerations, avulsions, amputations, and penetrating wounds.

MORE INFO

sammedical.com

THANK YOU

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MEDICAL

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