CHITOSAM TRAINING

[kahy-tuh-sam]

SAM®
MEDICAL

SAM®
MEDICAL

CHITOSAM

[kahy-tuh-sam]

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

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

ENGINEERED TO PRESERVE LIFE

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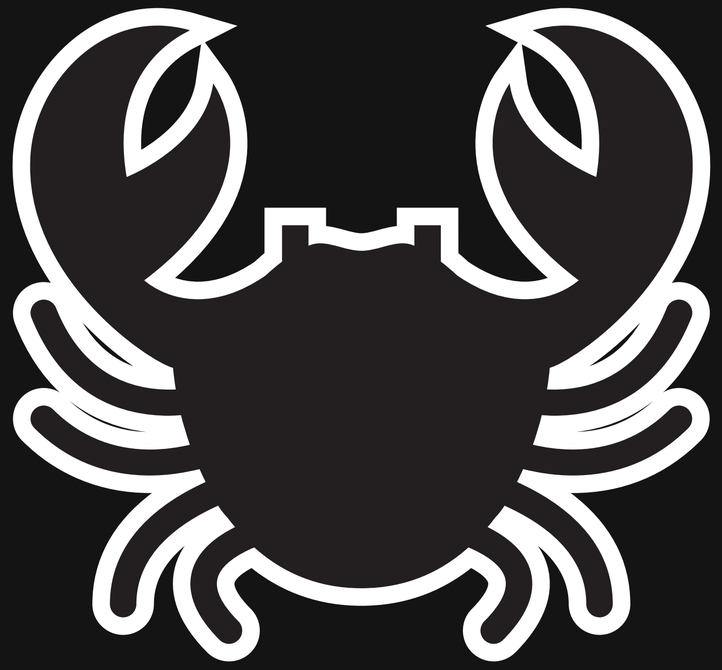
ENGINEERED TO PRESERVE LIFE



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

TEAR ANYWHERE PACKAGE

Innovative package design allows for quick access from any side.

WHY CHITOSAM?

CHITOSAM

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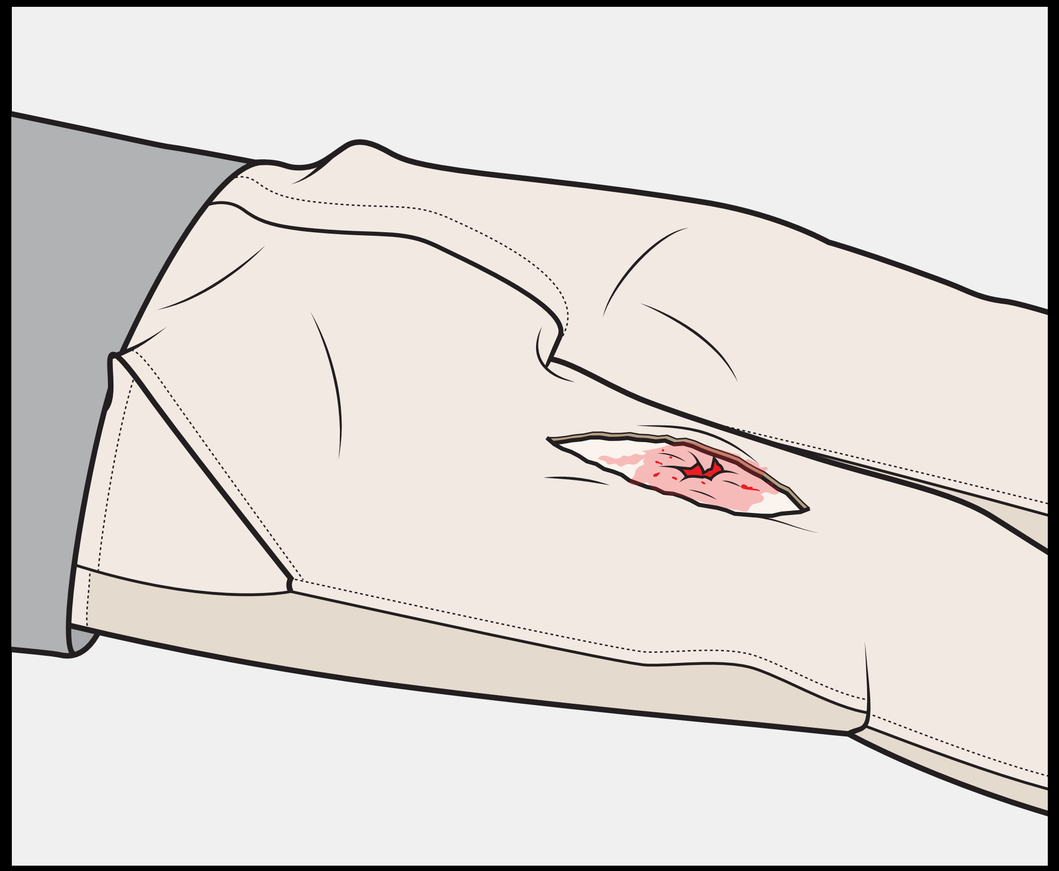
CHITOSAM APPLICATION

[kahy-tuh-sam]

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

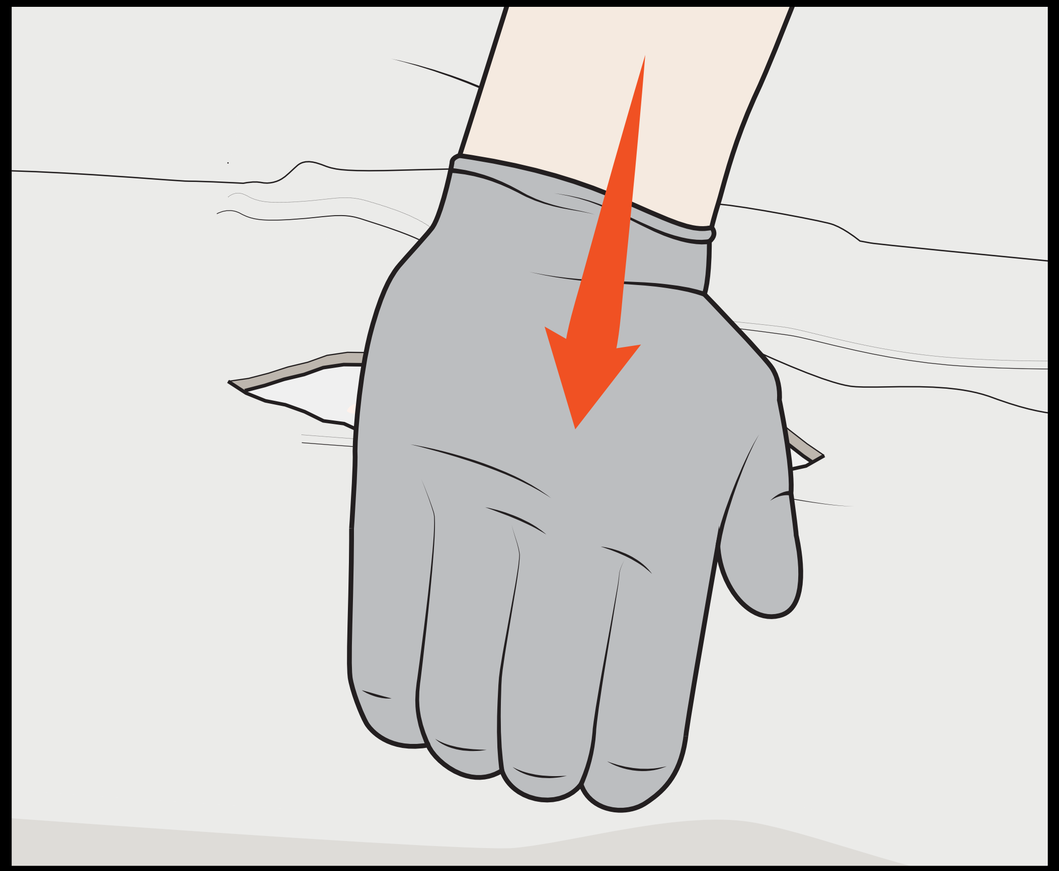
STEP 01 | STOP THE BLEED

STOP THE BLEED



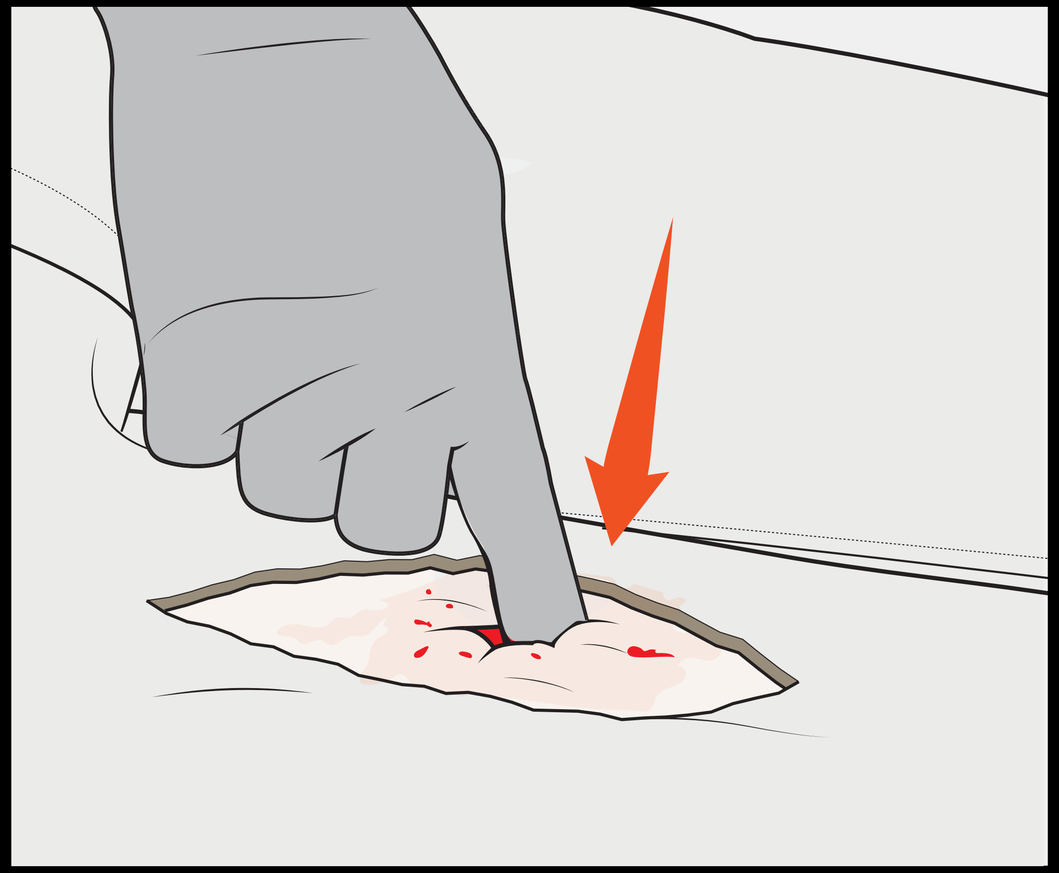
Identify and expose the wound

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 and obvious source of bleeding (artery, vein, or both) Apply firm, direct pressure to that source.

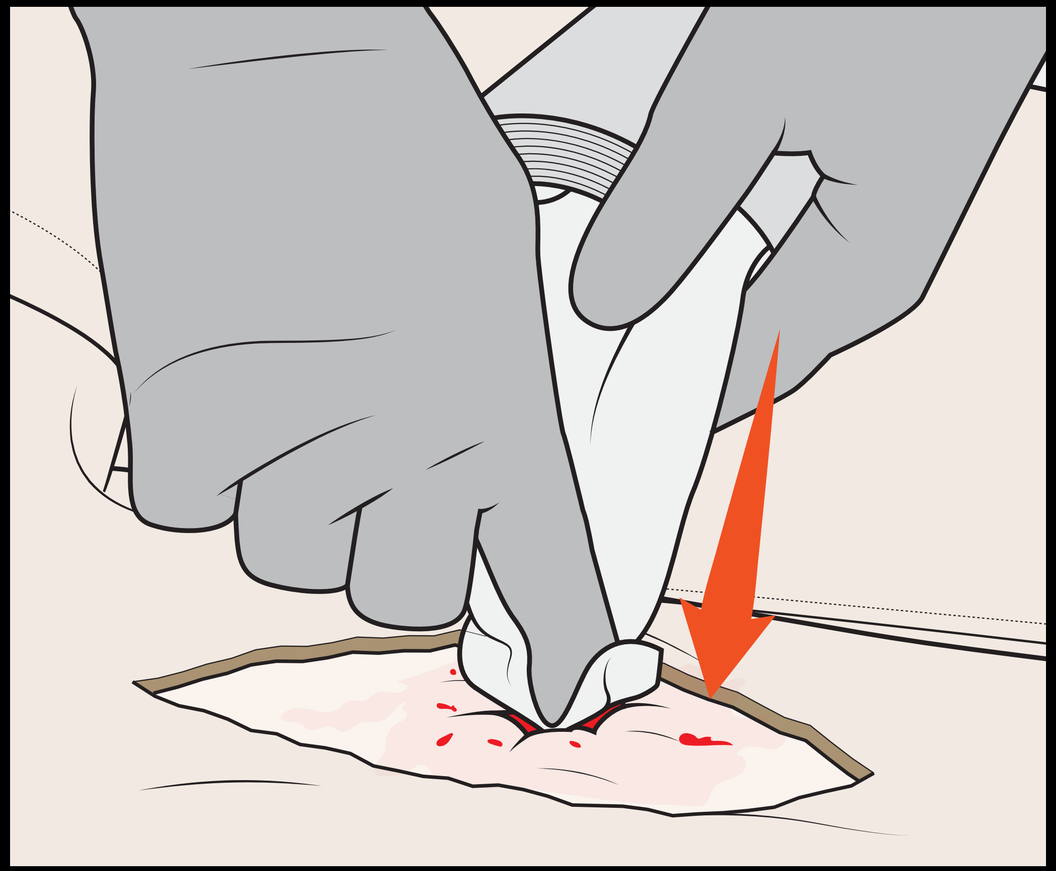
STEP 02 | PACK THE WOUND

PACK THE WOUND

TEAR
ANYWHERE

Open the ChitoSAM and remove the gauze.

PACK THE WOUND



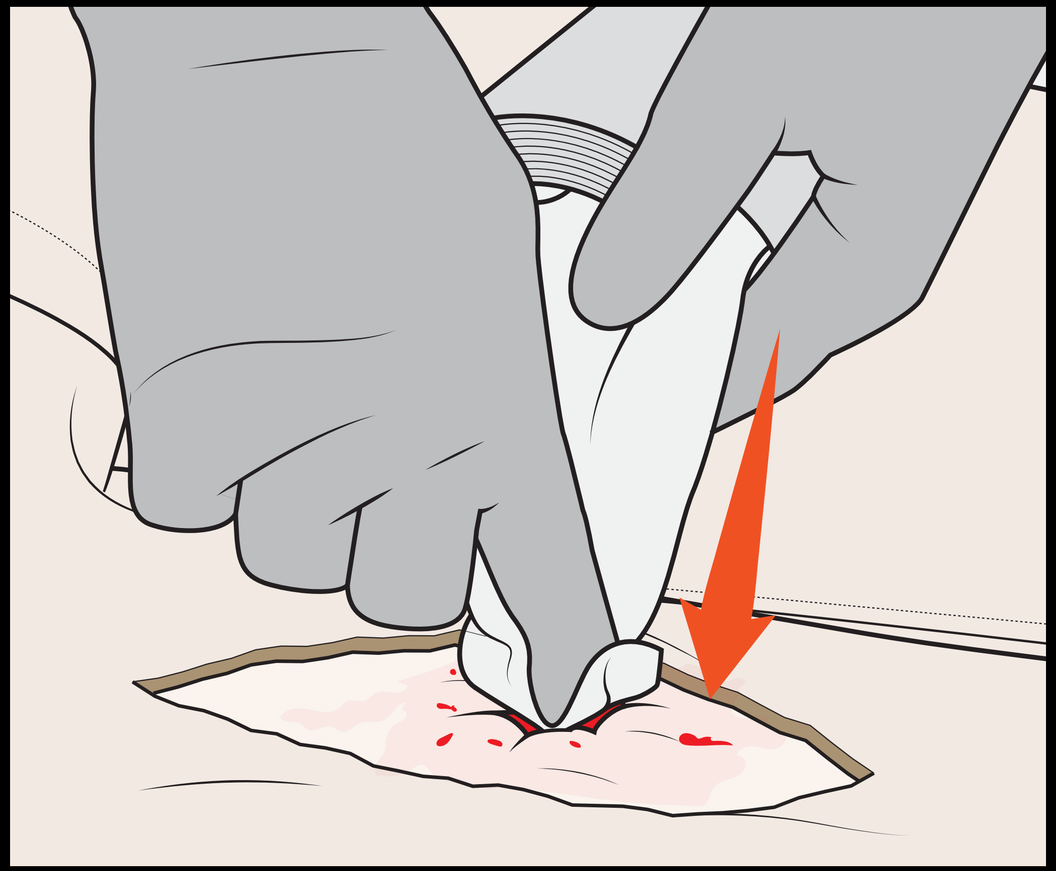
Insert ChitoSAM as deep into wound as you can. Apply packing continuously as tightly as possible, working from the depth of the wound, to the surface.

STEP 03 | KEEP PACKING

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 would is completely full.

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

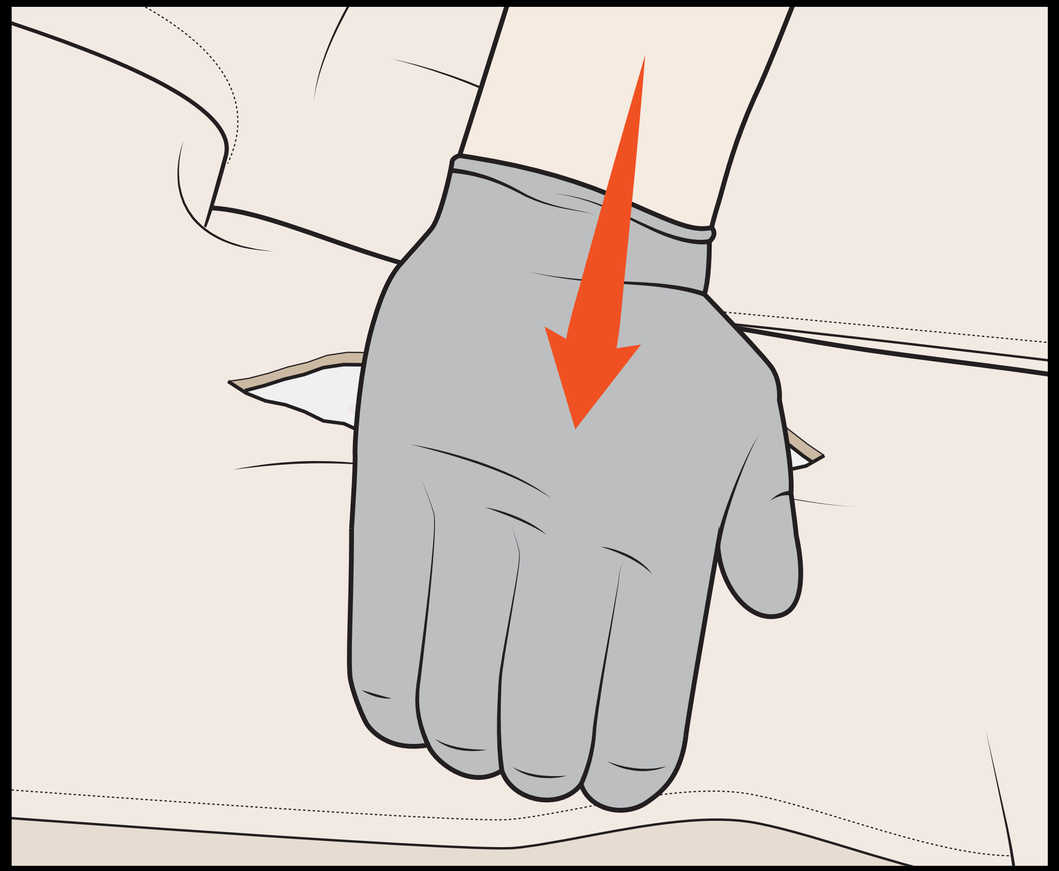
KEEP PACKING

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

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.

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 larges open wounds such as lacerations, avulsions, amputations, and penetrating wounds.

REGULATORY

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MORE INFO

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