



MFUSE



SHIELD AGAINST BLOOD LOSS

MFUSE Hemostatic Device

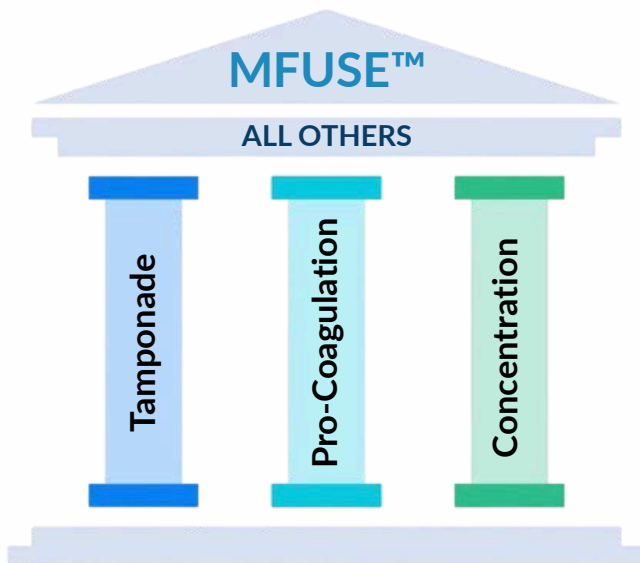
In critical situations, rapid blood control is essential for saving lives, optimizing patient outcomes, and streamlining procedures. Effective stabilization and a clear surgical field are crucial for successful definitive repairs. **MFUSE** delivers unmatched performance, stays in place with atraumatic removal. With **MFUSE**, you can focus on the most critical tasks, ensuring optimum results every time.



MFUSE SHIELD PATIENTS FOR BETTER CARE

Bleeding is the NUMBER ONE preventable cause of death in trauma patients.

In trauma surgery, time is critical for the patient and the surgeon. **MFUSE** quickly forms a mechanical seal to stop bleeding faster than conventional clot forming devices.

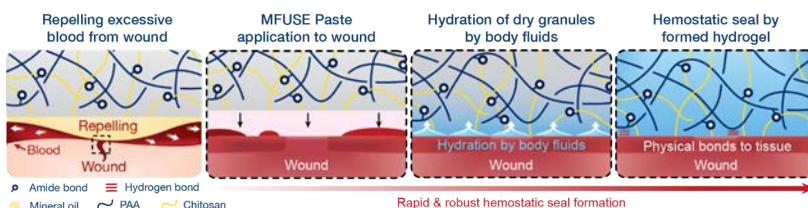


Hemostat devices have evolved little over the last decade. Most devices rely on the coagulation process whereby:

- Hemostasis is not predictable and can take up to 3 minutes to achieve.
- Procedure delays due to manual tamponade required to stabilize bleeding before proceeding with surgical repair
- In-transit & post operative bleeding caused by ruptured clot due to patient movement
- Ineffective for anti-coagulated and coagulopathic patients.

THE SOLUTION: MFUSE

Machina Medicals MFUSE is a bio-adhesive using components that have all been present in other FDA approved medical device products. MFUSE is revolutionary in its ability to stop bleeding and therefore provides life saving technology with a wide range of uses.



- Bonds formed in <10 seconds
- Full hemostasis achieved in ~30 seconds
- Coagulation Independent
- Completely removeable with body safe liquids
- Seals with 325mmHg pressure

MFUSE SHIELD AGAINST COSTLY BLOOD LOSS

Current Blood Control Techniques Take TOO LONG

THE MFUSE DIFFERENCE

Physical bonding to tissue surface

1. No need to hold pressure

- Apply MFUSE and focus on definitive repairs
- Reduce procedure time

2. Coagulation independent

- Does NOT rely on blood clots and associated ensuing risks
- No tissue damage via application
- Useful for all patient types including coagulopathic

3. Stops traumatic bleeding

- Tested to work in junctional hemorrhages, gunshot wounds, amputations, and more.
- Hemostasis achieved in well under a minute for major arterial bleeds

4. Atraumatic removal

- Quickly removed (seconds) with normal saline or sodium bicarbonate
- NO tissue damage
- Tested to achieve full debridement in seconds without residual risk



Tested in US and Ukraine by Tier I Operators & medics from Green Berets, Seal Team 6, Delta and ICE.

MFUSE Ordering Information

ITEM NUMBER	DESCRIPTION	QTY/BOX
MS001	5gm Syringe	5
MG001	4 in x 4 in Gauze	10

MFUSE is indicated for use in temporary external use for moderate to severe bleeding.

