

BloodSTOP®

WoundHEAL®

Advanced Hemostat

Instructions for Medical Professionals

BloodSTOP® iX is a surgical grade biocompatible hemostatic matrix made from 100% purified, water soluble, etherified natural sodium carboxymethyl cellulose. When BloodSTOP iX comes in contact with blood or exudate, it quickly transforms into a translucent gel, seals the wound, minimizes blood loss and saves operation time. The translucent gel allows doctor to easily monitor the wound. It also creates a natural moist environment to promote healing.

Indications for Use:

- Emergency and therapeutic use in the control of bleeding from the skin and other surface wounds where temporary control of bleeding is required.
- For wound management when a moist environment is needed.
- For the general population and (EU countries only) for those on anticoagulant medications.

General Directions (e.g. Dialysis)

1. Fold BloodSTOP iX in half to make two layers. Apply to the cleaned wound with dry instruments or gloves.
2. Apply pressure on the wound site.
3. Use additional layers of BloodSTOP iX as needed. Moisten with sterile saline if necessary for adherence to the wound surface.
4. Combine with standard non-adherent wound dressings for further protection.
5. Should the bleeding recur, reapply pressure, use additional layers if necessary.
6. To remove excess BloodSTOP iX material, rinse with sterile saline; wipe gently. Do not peel BloodSTOP iX off.

Post-Op Nasal Packing

1. Select proper size of BloodSTOP iX. Use dry forceps to pack BloodSTOP iX into the nasal antrum. Apply pressure to affected arteries.
2. After the bleeding stops completely, BloodSTOP iX gel will flow out with normal nasal drainage. If dry material remains, hydrate and flush out with sterile saline spray.

Dental Extraction

1. Select proper size of BloodSTOP iX, such as a 0.5" x 2" strip.
2. Use a dry instrument to insert one or more pieces of the BloodSTOP iX into the socket to cover the bleeding surface.
3. Moisten a regular gauze pad, two-inches in size (or larger, if necessary). Place it over the socket and have the patient gently bite down on it for 15-20 minutes. (Note: Dry gauze may pull the BloodSTOP iX from the socket).
4. To remove, rinse out the socket.

For Moist Wound Management

1. Apply one or more layers to clean wound with dry or gloved hand. Apply continuous pressure until bleeding stops completely, usually 2-3 minutes. To avoid sticking to hand, roll fingers off of sticky gel.
2. Cover with non-adherent, occlusive dressing to maintain moist wound environment for the best healing.
3. Change within 24 hours. To remove, saturate with sterile water or sterile saline and gently wipe away the gel being careful not to disturb the clot. Repeat above steps until wound heals.

Other Intra-oral Surface Bleeding (e.g. biopsy, periodontal surgical wounds)

1. Cut BloodSTOP iX to the appropriate size and apply directly to the bleeding surface.
2. Apply a second piece if additional protection is desired.
3. Rinse away with sterile saline once the bleeding has stopped.

Catheterization Lab/Interventional Radiology

1. Handle BloodSTOP iX with dry gloves or dry instruments.
2. In accordance with hospital protocol for sheath/catheter removal, fold BloodSTOP iX in half to make two layers and place on the puncture site, slowly removing sheath/catheter while maintaining direct and consistent pressure. Maintain pressure according to hospital protocol for positioning and hold times.
3. If bleeding persists, apply additional layers of BloodSTOP iX and continue with direct, consistent pressure.
4. When the patient is stable, cover the wound with a non-adherent bandage to maintain visibility of the wound, and to keep BloodSTOP iX from drying out.
5. Follow the hospital's standard protocol for time to patient movement, time to ambulation and time to patient discharge.
6. To remove, fully hydrate BloodSTOP iX with sterile saline and wipe gently. Carefully blot the area, making sure not to disturb the clot.
7. If the patient will be removing BloodSTOP iX at home, ensure he/she understands the importance of fully hydrating BloodSTOP iX to soften it before gently washing off with sterile water. Instruct the patient to use caution upon removal to avoid disturbing the clot.

WARNINGS:

- BloodSTOP iX is intended to assist in the control of wound surface bleeding in cases where hemostasis by clotting is indicated.
- BloodSTOP iX is not intended as a substitute for the appropriate use of vascular closure devices when such devices are indicated.
- Longer compression times may be required for patients who are obese, hypertensive, or are on anticoagulants.
- When removing BloodSTOP iX and/or any covering dressing, be careful not to disturb the clot.
- Use only the amount of dressing necessary to control bleeding for epistaxis. Overpacking may increase risk of displacement, and potential for aspiration.
- Never peel BloodSTOP iX from a wound, as re-bleeding could occur. If BloodSTOP iX dries out, soak thoroughly to rehydrate before removal.
- In case of swelling or redness, discontinue use.
- Do not reuse, as device will no longer be sterile after initial use, and could result in infection.
- For all uses, remove within 24 hours.
- Cover BloodSTOP iX with a wrap or adhesive bandage to maintain pressure if the patient is to be moved.

CONTRAINDICATIONS:

- Not for use on chemical burns resulting from strong acids or bases.
- Do not use on patient with known cellulose allergy.

STERILE:

Sterility guaranteed unless individual wrapper is opened or damaged.

STORAGE:

For maximum shelf life, storage temperature of 15-30 °C (59-86 °F) is recommended.



Not made with natural rubber latex

Symbols Used on Labeling

	Single use		Company address
	Use by date		Do not use if package is damaged
	Reference number		Method of sterilization: irradiation
	Batch number		Do not resterilize
	See instructions for use		Temperature Limits

 **LifeScience PLUS, Inc.**
P.O. Box 60783, Palo Alto, CA 94306
Toll Free: 1-877-587-5433 - U.S.A.
1-650-565-8172 - International
Fax: 1-650-336-1130
www.LifeSciencePlus.com
www.BloodSTOPiX.com
Email: info@lifescienceplus.com
Manufactured in the USA

LifeScience PLUS 
REVOLUTIONARY WOUND CARE

© 2025 LifeScience PLUS, Inc. All Rights Reserved.
BloodSTOP® is a registered trademark. BloodSTOP® and BloodSTOP® iX
are covered by U.S. Patent No. 7,262,181

Rev. 2025-12-17