POINT-OF-CARE PROCEDURE GUIDE

Preparing an Autologous Whole Blood Clot

~20 mL	≥ 8 min	Gauze up	~7 days
patient blood, 2 ACDA tubes	clotting time in the mold	clot placed into the wound bed	to clot removal

1 Set up — STEPS 1–3

- Mark the patient's name on the kit.
- Measure the wound's maximal length (edge to edge) with the supplied tape.
- Open the kit box.

2 Draw blood — STEPS 4–5

- Draw blood into the **two vacuum tubes (up to 10 mL each, ACDA)**, using standard precautions.
- Apply gauze and bandage to the draw site.
- Label tubes with patient details and time of draw.

3 Prepare the coagulation mold — STEPS 6–8

- Keep the kit box **horizontal**.
- Pierce the mold **twice** near the upper center with a safety needle: one hole for injection, one as an air vent.
- Discard that safety needle.

4 Fill the mold — STEPS 9–16

- Gently mix each tube; attach the second safety needle to the 30 mL syringe; **put on a face mask**.
- Draw blood from both tubes into the syringe.
- Insert the needle into one pierced hole at the central top hub and **inject slowly**.
- Clean the hub and cover it with the round sterile band-aid.

> **Watch for air escaping** through the vent while injecting — pressure can rupture the inner seal.

5 Clot — STEPS 17–20

- Shake and turn the mold to mix blood with the kaolin and calcium gluconate.
- Return the mold to the kit, **horizontal**.
- Wait **at least 8 minutes**, then tilt to confirm the blood has coagulated.

6 Open & release the clot — STEPS 21–27

- Turn the mold over and open the **outer square seal** all the way around first.
- Then peel the Tyvek from the round seal while **holding the gauze firmly** to the blister.
- Press the extraction ring all around to free the gauze edges. Some calcium gluconate powder on the back is normal.

> **Do not open the round seal** until the square outer seal is fully open.

7 Apply to the wound — STEPS 28–31

- Put on **sterile gloves**; lift the clot by its rim using both hands.
- Place it **into the wound bed** with the **embedded gauze facing up**.
- Trim with sterile scissors to fit the wound, on the tray or in the gloved hand.

> **Fill the entire wound bed** so the clot is in full contact with the wound, out to the edges.

8 Secure & dress — STEPS 32–34

- Anchor the clot by its rim with sterile Medi-Strips (strips may also cross the clot).
- Cover with the kit's **non-adherent dressing**.
- Top with the **hydrophilic foam dressing**.

9 Remove after ~7 days — STEPS 35–38

- Wear sterile gloves and gently pull the remaining clot off the wound.
- If it adheres, wet with saline to ease removal; discard the clot properly.

BEFORE YOU BEGIN

- **Contraindicated** for wounds due to malignancy or with active, clinically diagnosed infection.
- EtO-sterilized components can cause serious allergic reactions in sensitized patients.
- If pain increases after application, consider removing the clot to check for infection.
- Use universal precautions, alongside standard of care (debridement, offloading, compression).

QUESTIONS & SUPPORT

Questions about coverage, billing or ordering?

info@nexabiologics.org

Store kits at 5–30 °C (41–86 °F). Protect from freezing and excessive heat. Single use only.

Summarized from the manufacturer's Instructions for Use. This guide does not replace the IFU; always follow the full instructions supplied with the kit. Rx only: Federal law (USA) restricts this device to sale by or on the order of a physician.

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