

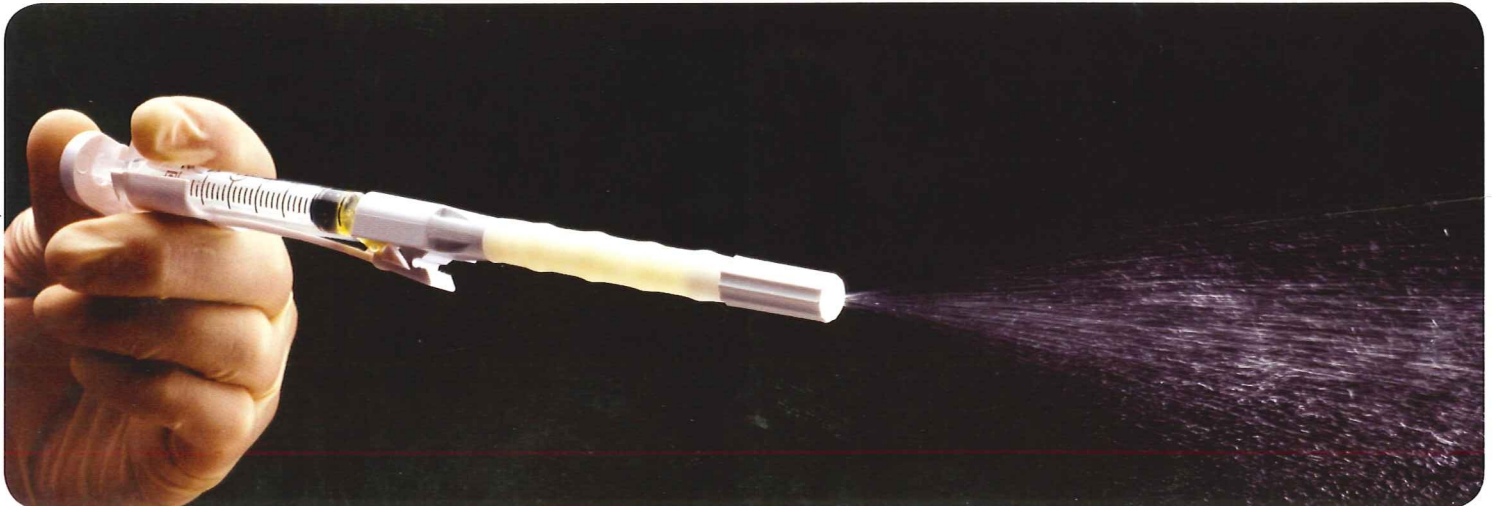
thermogenesis[®] cryoseal[™] fibrin sealant

The 100% Human Alternative.



CryoSeal Fibrin Sealant components (cryoprecipitate and thrombin) are prepared from 100% human derived autologous or single donor retested plasma, eliminating the risks associated with pooled plasma products.

- ▶ No bovine or other animal derived components.
- ▶ No synthetics (gluteraldehyde, cyanoacrylate).
- ▶ No antifibrinolytic agents.



thermogenesis[®] cr

Easy to Use

- ▶ Prepared CryoSeal Fibrin Sealant Syringe Sets can be used immediately or stored frozen.
- ▶ No reconstitution or mixing is required.
- ▶ Syringe sets thaw in minutes and come pre-filled and ready for use.
- ▶ Simply attach an applicator tip and apply.
- ▶ Interchangeable applicator tips provide flexibility for application in a variety of surgical procedures.



Effective

- ▶ Fast clotting time... in seconds.
- ▶ In addition to fibrinogen and thrombin, CryoSeal Fibrin Sealant also contains concentrated amounts of critical clotting factors, including Factor VIII, Factor XIII, von Willebrand's Factor and Fibrinectin.



CryoSeal Fibrin
Sealant Application

yosealTM

fibrin sealant

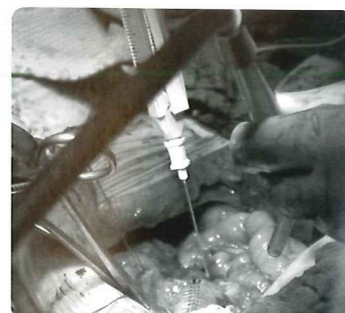
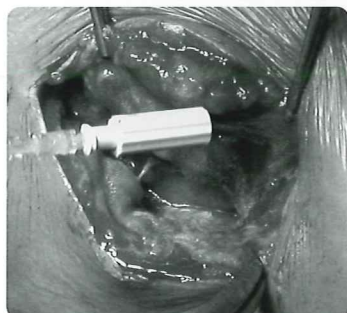
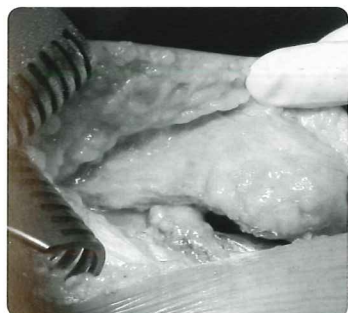


Increased Safety

- ▶ Prepared from either a single unit of autologous or single donor retested plasma in about one hour.*
- ▶ Minimizes infectious disease risks associated with pooled plasma products.
- ▶ Minimized viral safety risk.
- ▶ No allergic reactions.
- ▶ No immune mediated coagulopathies.
- ▶ No aprotinin immunogenicity risk.
- ▶ No TSE/BSE transmission risk.

CryoSeal FS Specifics

- ▶ Each CryoSeal Fibrin Sealant disposable produces 4 sterile sets of 2 syringes filled with equal amounts of cryoprecipitate and thrombin.
- ▶ Total volume of sealant produced is 6-16mL.**
- ▶ Can be stored at -18°C or colder for up to an entire year. Once thawed, maintains its effectiveness for up to 6 hours (at 34-37°C).





Spray Tips

► ST-2 8-0312-1

Absence of static mixer produces fibrin sealant clot times slow enough to allow for tissue manipulation before set-up.

► ST-3 8-0313-0

Integrated static mixer produces rapid clotting of fibrin sealant at target site. Excellent general purpose tip.

► ST-4 8-0314-0

Two integrated static mixers produce instant clotting of fibrin sealant at target site.



Line/Drop Tips

► DT-5 8-0320-2

Single 5 cm cannula allows mixing of sealant prior to application.

► DT-10 8-0320-3

Single 10 cm cannula allows mixing of sealant prior to application.

Fibrin Sealant Warming Tray

► Fibrin Sealant Warming Tray 8-3150-0

The Fibrin Sealant Warming Tray warms Fibrin Sealant syringe sets and then maintains the CryoSeal Fibrin Sealant at approximately 35°C until use. The warming tray can hold up to 3 syringe sets at one time. Features such as one-touch activation, automated 10-minute cycle and LED display of cycle status make the Fibrin Sealant Warming Tray an indispensable asset in the OR and eliminate the hassle of using water baths and warm towels, which may cool down.

System Components

CS-1 CryoSeal Fibrin Sealant System

► 220-240V: 8-3100-5

► 100-115V: 8-3100-6

► 8-0360-1

CP-3 Plasma Processing Disposable (box of 10)

► 8-0351-0

TPD™ Reagent (box of 10 pre-filled syringes)

► 8-0361-0

Harvest Rack (1 rack, stand not included)



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To order, contact your local distributor or ThermoGenesis Corp.

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These products are not available for sale in the United States.

