




ProxiCor™

FOR
PERICARDIAL CLOSURE

INSTRUCTIONS FOR USE

 **Manufacturer:**
Aziyo Biologics, Inc.
1100 Old Ellis Road, Suite 1200
Roswell, GA 30076 USA
Phone: +1 470-514-4080
Fax: +1 678-680-5486
www.aziyo.com



ART-20707A
06/2018

INDICATIONS FOR USE

ProxiCor™ for Pericardial Closure is intended for the reconstruction of the pericardium.

CAUTION: Federal (U.S.) law restricts this device to sale by or on the order of a physician.

CONTENTS: One (1) sterile, non-pyrogenic ProxiCor for Pericardial Closure

PRODUCT DESCRIPTION

ProxiCor for Pericardial Closure acts as a decellularized scaffold for repairing the pericardium following cardiac surgery. The extracellular matrix (ECM) scaffold is a biomaterial derived from porcine small intestinal submucosa (SIS). The SIS is developed from a select layer of tissue that is recovered from porcine small intestine. The decellularized ECM scaffold allows the patient's own cells to migrate and attach within the ECM to naturally repair the pericardium. ProxiCor for Pericardial Closure is MR (Magnetic Resonance) Safe in that it poses no known hazards in MR environments.

HOW SUPPLIED

ProxiCor for Pericardial Closure is supplied **STERILE**. Provided that the integrity of the sterile pouch is not compromised in any way, it serves as an effective sterile barrier until the "Use By" (expiration) date printed on the pouch.

CONTRAINDICATIONS

ProxiCor for Pericardial Closure is derived from a porcine source and should not be used in patients with a known sensitivity to porcine material.

WARNINGS AND PRECAUTIONS

- For single patient use only. Do not reuse, reprocess or resterilize. Reuse, reprocessing or reesterilization will compromise the structural integrity of the device and/or lead to device failure which, in turn, may result in patient injury, illness or death.
- ProxiCor for Pericardial Closure product is not indicated for the construction or replacement of total valves or conduits.
- Discard all open or unused portions of ProxiCor.
- Device is sterile if the package is dry, unopened and undamaged. Do not use if the package seal is broken.
- The device must be used prior to the expiration date.
- Discard device if mishandling has caused possible damage or contamination.
- Always handle the device using aseptic technique.
- Ensure that the device is hydrated prior to suturing. Without proper hydration, ProxiCor will tear and not retain sutures. Additionally, excessive hydration may result in delamination. If delamination is observed, do not use ProxiCor.
- Device is not recommended to be used with glue containing glutaraldehyde.
- Device must be sutured to viable native tissue and must not be sutured to homografts, synthetic or chemically cross-linked materials.
- Device is not recommended to be used with platelet gel.
- Device is not recommended to be used with resorbable suture material.

POTENTIAL COMPLICATIONS

The following complications are possible. If any of these conditions occur, a medical professional should evaluate if removal of ProxiCor is required.

- Acute or chronic inflammation (Initial application of ProxiCor may be associated with transient, mild, localized inflammation.)
- Allergic reaction
- Bleeding
- Calcification
- Cardiac tamponade
- Fever
- Hematoma
- Infection
- Mediastinitis
- Migration of ProxiCor
- Patch dehiscence or rupture
- Undesired remodeling (e.g., poor tissue integration, excessive scar tissue formation, adhesions, or rapid degradation of ProxiCor)

STORAGE

This device should be stored in a clean, dry location at 10°C-30°C.

STERILIZATION

This device has been sterilized with ethylene oxide gas.

REQUIRED MATERIALS

- A sterile dish (kidney dish or other bowl)
- Sterile forceps
- Hydration fluid: At least 50mL of room temperature sterile water, sterile saline or sterile lactated Ringer's solution

SUGGESTED INSTRUCTIONS FOR USING PROXICOR FOR PERICARDIAL CLOSURE

These recommendations are designed to serve only as a general guideline. They are not intended to supersede institutional protocols or professional clinical judgment concerning patient care.

1. Using aseptic technique, remove the inner pouch from the outer pouch, and place the inner pouch containing the ProxiCor into the sterile field.

2. Open the inner pouch carefully, and aseptically remove ProxiCor with sterile forceps.
3. Hydrate ProxiCor by placing it in a bowl of sterile saline or other sterile isotonic solution for 1-2 minutes prior to use. Use at least 50mL of the sterile solution for hydration.
4. Prepare pericardial tissue using standard methods.
5. If required, ProxiCor can be cut to the appropriate size, using aseptic technique, in order to adequately cover the pericardial defect. It is recommended that ProxiCor not be excessively handled or manipulated prior to use.
6. Ensure that ProxiCor is adequately hydrated prior to suturing in place. If any delamination of the edges is observed, trim the affected area of ProxiCor. If delamination is still observed after trimming, do not implant the delaminated ProxiCor.
7. Place the edge of ProxiCor in contact with viable tissue.
8. Suture the edge of ProxiCor to the edge of the pericardium using a continuous, running stitch (approximately 1 stitch per cm) to approximate the edge. The closed defect should not put pressure on the underlying structures. A non-absorbable monofilament suture is preferred.
9. Complete the standard surgical procedure.
10. Discard any unused portions of ProxiCor.














RETURN GOODS POLICY

For information on product returns and return authorization, contact Aziyo Biologics by calling +1 470-514-4080. All products returned to Aziyo Biologics must be accompanied by a Return Goods Authorization Number.

MEDICAL DEVICE REPORTING

Any potential adverse incident involving Aziyo Biologics products should be reported immediately by calling +1 470-514-4080.

SYMBOLS AND THEIR EXPLANATIONS

	Use By
	Consult Instructions for Use
	Catalog Number
	Lot Number
	Store at 10° C - 30° C
	Sterilized using Ethylene Oxide
	Do Not Reuse
	Manufacturer
	MR Safe
	Do Not Resterilize
	Do Not Use if the Package is Damaged or Open
	Non-pyrogenic
	Contents

Aziyo® is a registered trademark of Aziyo Biologics, Inc.
© 2018 Aziyo Biologics, Inc. All rights reserved.