

# TIPS & TECHNIQUES

FOR THE IMPLANTATION OF

**ProxiCor**<sup>®</sup>  
FOR PERICARDIAL CLOSURE

**ProxiCor**<sup>®</sup>  
FOR CARDIAC TISSUE REPAIR

Refer to the Instructions for Use for indications, full implant instructions, warnings and precautions, and contraindications.

## DO:

- HYDRATE PROPERLY:** Hydrate (soak) ProxiCor in **room-temperature** sterile saline for **1-2 minutes**. Excessive hydration may result in delamination.
- SIZE MATERIAL APPROPRIATELY:** To promote effective remodeling, use only what is needed of the material. ProxiCor should not be pulled too tight, and sutures should not be pulling. **Minimize material redundancy and tension.**
- USE NON-ABSORBABLE SUTURES:** A non-absorbable, monofilament polypropylene suture is preferred.
- USE EITHER SIDE:** ProxiCor is not sided and you may use either side in your procedure.
- IMPLANT PROPERLY:** Suture to healthy, viable tissue – ProxiCor ECM bioscaffold relies on angiogenesis and cellular infiltration from the sutured edge. Stitches should be **1 cm apart**.
- SUTURE CIRCUMFERENTIALLY:** Make sure all layers of ProxiCor are penetrated to ensure good tissue approximation and regeneration potential.

## FOR PROXICOR FOR PERICARDIAL CLOSURE ONLY:

- FLUSH UNTIL CLEAR:** Irrigate shed blood from pericardial sack with warm saline until clear.
- INSERT CHEST TUBES:** Recommend two drains, one inside and one outside of the reconstructed pericardium.

## DON'T:

- USE WITHOUT RECOMMENDED HYDRATION:** Without proper hydration, ProxiCor can tear and not retain sutures.
- USE WITH GLUES, SEALANTS, OR PLATELET GELS:** Avoid using glutaraldehyde-based glue, platelet gels, and hemostatic agents as they may increase crosslinking and negatively impact remodeling.
- SUTURE TO SYNTHETIC OR NON-VIABLE MATERIAL:** Do not sew to synthetic or non-viable material.
- SAVE OR REUSE:** Discard all open or unused portions of ProxiCor.

## NOTE:

- ProxiCor is not indicated for the construction or replacement of total valves or conduits.
- Users have reported that when repairing an ASD or VSD, disrupting the endothelial lining where ProxiCor contacts the tissue prior to implantation may facilitate remodeling.
- Use in patients with connective tissue disorders (i.e. Marfan Syndrome) has not been evaluated.

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