## GORE® PRECLUDE® Pericardial Membrane can reduce reoperation time substantially<sup>1-5</sup>

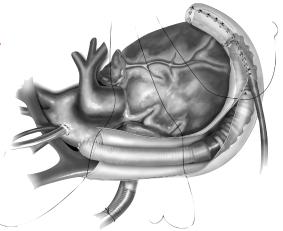
Results reported from a clinical study demonstrated



Decrease in time required to remove a total at heart (TAH) when utilizing GORE® PRECLUDE Pericaridial Mambrana 1 Decrease in time required to remove a total artificial

Reoperations steps	Average time without GORE® PRECLUDE® Pericardial Membrane¹	Average time with GORE® PRECLUDE® Pericardial Membrane¹
Removal of TAH	~ 2 hours	~ 0.5 to 1 hour
From incision to cannulation	84 minutes	57 minutes

"The expanded polytetrafluoroethylene membrane [GORE® PRECLUDE® Pericardial **Membrane**] protected the device cannulas during repeat sternotomy and expedited the dissection of the heart and great vessels at the time of device removal."3



Reprinted from Operative Techniques in Thoracic and Cardiovascular Surgery, Vol.19, Osami Honjo, Vivek Rao, Implantation of HeartWare Left Ventricular Assist Device in Pediatric Population, Figure 8a, page 93, 2014, with permission from Elsevier. Image courtesy Osami Honjo, M.D., Ph.D. Used with permission.

For more information on GORE® PRECLUDE® Pericardial Membrane clinical study data contact your clinical sales associate.



## References

- 1. Copeland JG, Arabia FA, Smith RG, Covington D. Synthetic membrane neo-pericardium facilitates total artificial heart explantation. *Journal of Heart & Lung Transplantation* 2001;20(6):654-656.
- 2. Minale C, Nikol S, Hollweg G, Mittermayer C, Messmer BJ. Clinical experience with expanded polytetrafluoroethylene Gore-Tex surgical membrane for pericardial closure: a study of 110 cases. *Journal of Cardiac Surgery* 1988;3(3):193-201.
- 3. Holman WL, Bourge RC, Zorn GL, Brantley LH, Kirklin JK. Use of expanded polytetrafluoroethylene pericardial substitute with ventricular assist devices. *Annals of Thoracic Surgery* 1993;55(1):181-183.
- 4. Bezon E, Maguid YA, Gueret G, Choplain JN, Aziz AA, Barra JA. Wrapping of the left internal thoracic artery with an expanded polytetrafluoroethylene membrane. *Annals of Thoracic Surgery* 2006;8(1):383-385.
- 5. Bacaner TJ, Young JN, DeCampli WM, Hardy C. Pericardial substitute and emergency resternotomy: life-saving combination. *Pediatric Cardiology* 1996;17(6):396-398.



W. L. GORE & ASSOCIATES, INC. Flagstaff, AZ 86004

+65 67332882 (Asia Pacific) 00800 6334 4673 (Europe) 800 437 8181 (United States) 928 779 2771 (United States)

goremedical.com



INDICATIONS FOR USE: Reconstruction or repair of the pericardium. CONTRAINDICATIONS: Not for reconstruction of CARDIOVASCULAR DEFECTS such as cardiac, great vessel, and peripheral vascular, DURA MATER, HERNIAS. Use of this product in applications other than those indicated has the potential for serious complications, such as suture pullout or failure of the repair (aneurysm formation). Refer to *Instructions for Use* at goremedical.com for a complete description of all warnings, precautions and contraindications.  $\Re_{\text{Conjy}}$ 

Products listed may not be available in all markets.