# SMALL CHANGE. BIG IMPACT.

#### **GORE® PROPATEN®**

Vascular Graft Configured for Pediatric Shunt

## Heparin-coated shunts significantly reduce shunt-related mortality versus non-heparin-coated shunts.<sup>1</sup>

GORE® PROPATEN® Vascular Graft configured for Pediatric Shunt Features CBAS® Heparin Surface, a coating demonstrated to provide lasting thromboresistance.<sup>2-6</sup>

Outcomes of a recent retrospective study comparing heparin-coated grafts with non-heparin-coated grafts utilized for conduits in systemic-to-pulmonary shunts in neonates and infants.<sup>1</sup>

Outcomes	Non-heparin-coated (n = 73)	Heparin-coated ( $n = 69$ )	P-value
Mortality	<b>14</b> (19.2%)	<b>3</b> (4.3%)	0.006
Shunt-related mortality	<b>12</b> (16.4%)	<b>2</b> (2.9%)	0.007
Shunt occlusion/ Thrombosis	<b>12</b> (16.4%)	<b>2</b> (2.9%)	0.007



### GORE® PROPATEN® Vascular Graft Configured for Pediatric Shunt

Catalogue number	Internal diameter (mm)	Standard length (cm)
HPT030005	3	5
HPT030010	3	10
HPT030015	3	15
HPT350005	3.5	5
HPT350010	3.5	10
HPT350015	3.5	15
HPT040005	4	5
HPT040010	4	10
HPT040015	4	15
HPT050005	5	5
HPT050010	5	10
HPT050015	5	15
HPT060015	6	15

Ask your Gore Associate for inventory management of GORE® PROPATEN® Vascular Graft configured for Pediatric Shunt.

### References

- 1. Ashfaq A, Soroya MS, Iyengar A, Federman M, Reemtsen BL. Heparin-coated grafts reduce mortality in pediatric patients receiving systemic-to-pulmonary shunts. *Pediatric Cardiology* 2018;39(3):473-477.
- 2. Gore S, Andersson J, Biran R, Underwood C, Riesenfeld J. Heparin surfaces: impact of immobilization chemistry on hemocompatibility and protein adsorption. Journal of Biomedical Materials Research Part B: Applied Biomaterials 2014;102(8):1817-1824.
- 3. Begovac PC, Thomson RC, Fisher JL, Hughson A, Gällhagen A. Improvements in GORE-TEX® Vascular Graft performance by Carmeda® BioActive Surface heparin immobilization. European Journal of Vascular & Endovascular Surgery 2003;25(5):432-437.
- 4. Freeman J, Chen A, Weinberg RJ, Okada T, Chen C, Lin PH. Sustained thromboresistant bioactivity with reduced intimal hyperplasia of heparinbonded PTFE Propaten Graft in a chronic canine femoral artery bypass model. *Annals of Vascular Surgery* 2018;49:295–303. http://www.sciencedirect.com/science/article/pii/S0890509617310981
- 5. Biran R, Pond D. Heparin coatings for improving blood compatibility of medical devices. Advanced Drug Delivery Reviews 2017;112:12-23. https://www.sciencedirect.com/science/article/pii/S0169409X16303210
- 6. Carmeda AB. Carmeda® BioActive Surface (also known as CBAS® Heparin Surface) Reference List. Upplands Väsby, Sweden: Carmeda AB; 2018. [Reference list]. MD166953



Refer to Instructions for Use at eifu.goremedical.com for a complete description of all applicable indications, warnings, precautions and contraindications for the markets where this product is available.  $\Re_{\text{Only}}$ 

Products listed may not be available in all markets.

CBAS is a trademark of Carmeda AB, a wholly owned subsidiary of W. L. Gore & Associates, Inc.

GORE, GORE-TEX, *Together, improving life,* PROPATEN and designs are trademarks of W. L. Gore & Associates. © 2022 W. L. Gore & Associates GmbH 22761013-EN 0CTOBER 2022

