

**GORE® PROPATEN®**  
Vascular Graft

PROVEN PATENCY.  
MEASURABLE VALUE.



*Together, improving life*



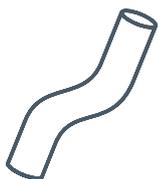
# Strength of leadership



## GORE® PROPATEN® Vascular Graft

A leading prosthetic vascular graft for lower extremity revascularization, specifically designed to reduce the risk of acute graft thrombotic failure. With more than a decade of strong performance that includes improving outcomes and reducing interventions, this longstanding bypass graft helps deliver both proven clinical and economic value for patients and hospitals.

See the proof at [goremedical.com/eu/propaten](https://goremedical.com/eu/propaten)



**600K+**

Devices  
implanted



**30+**

Clinical studies  
over 10 years



**2,000+**

Limbs  
studied



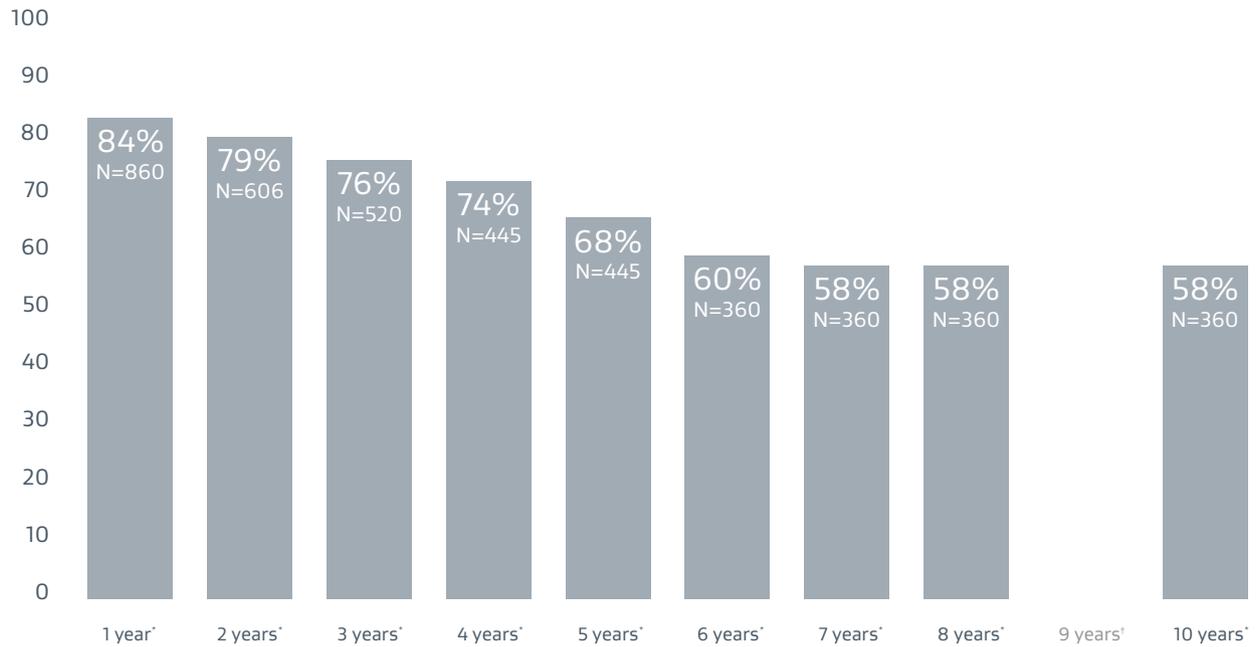
**17+**

Years of  
performance

# A decade of performance

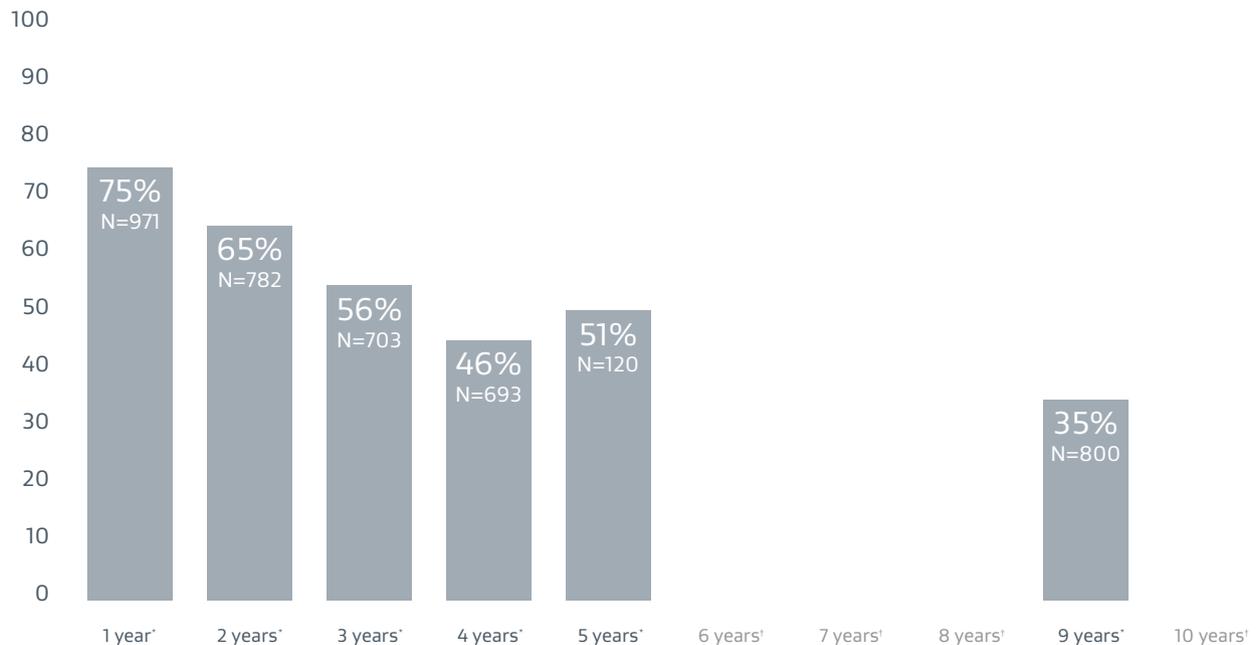
## GORE® PROPATEN® Vascular Graft

### Above-knee bypass primary patency.



## GORE® PROPATEN® Vascular Graft

### Below-knee bypass primary patency.



\* Overall weighted average primary patency is based on data from 15 peer-reviewed publications meeting pre-determined inclusion criteria. Visit [propatenperformance.com](http://propatenperformance.com) to see inclusion criteria, explore the data, and see publications.

† Data not reported.

Study size (N) reflects the initial cohort size of the study.

# Proven patency

By substantially reducing acute graft thrombosis within hours after implantation, the CBAS® Heparin Surface on the GORE® PROPATEN® Vascular Graft provides clinical benefits that standard ePTFE grafts do not.<sup>1</sup>



## Fewer occlusions

50% reduction in risk of graft occlusion compared to standard ePTFE in critical limb ischemia (CLI) patients.<sup>2</sup>

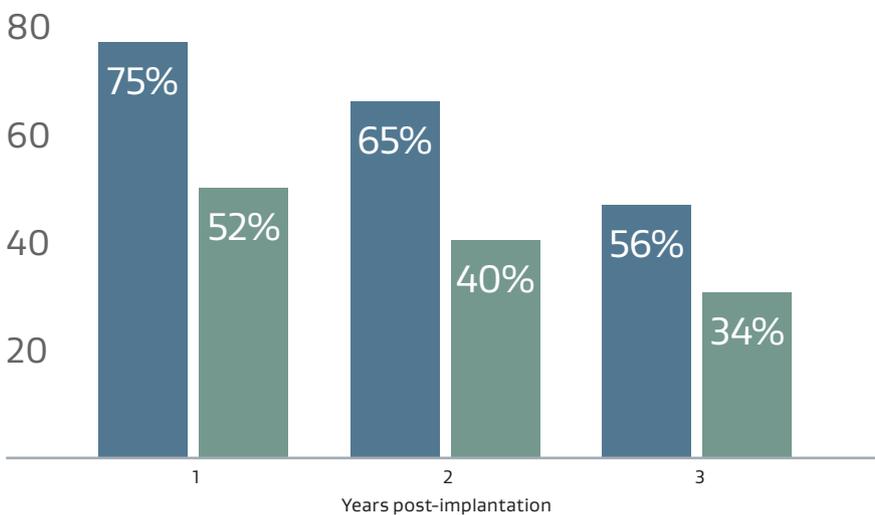


## Improved patient outcomes

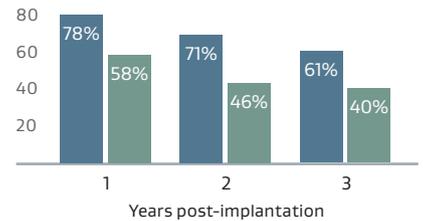
Higher primary and secondary patency and higher limb salvage for below-knee bypass compared to standard ePTFE from 1–3 years.<sup>3</sup>

# Improved clinical outcomes

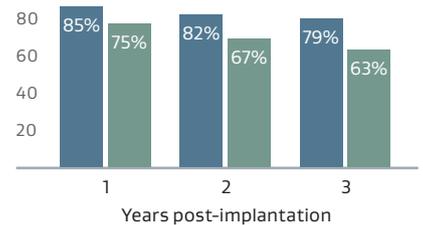
Primary patency



Secondary patency



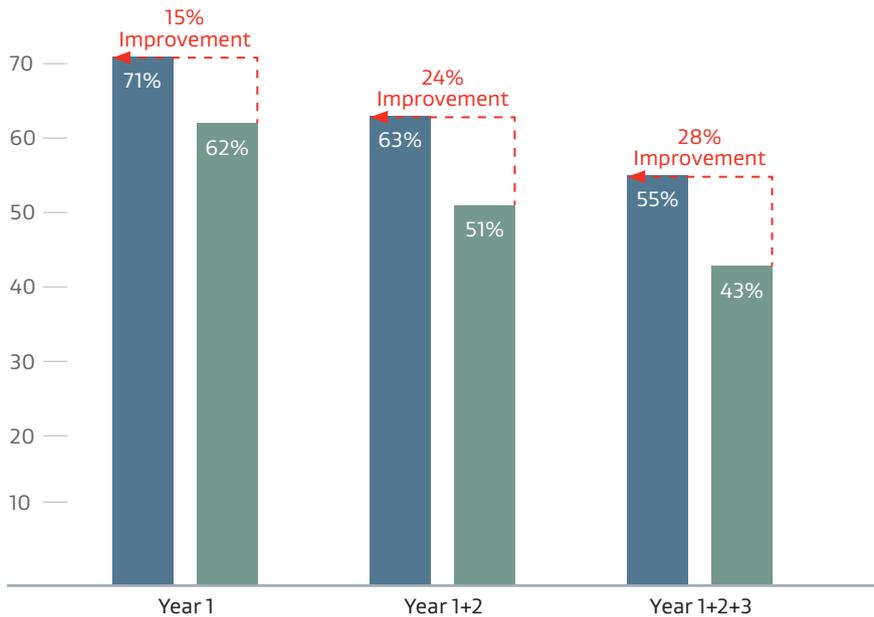
Limb salvage



GORE® PROPATEN® Vascular Graft<sup>3</sup> Standard ePTFE<sup>3</sup>

## Below-knee cumulative amputation-free survival

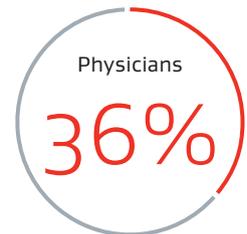
GORE® PROPATEN® Vascular Graft Standard ePTFE



GORE® PROPATEN®  
Vascular Graft  
long-term value\*



Improvement in  
amputation-free survival



Decrease in  
revision procedures

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Amputation-free survival (avoided loss of limb or life) is the average reported mortality rate for standard ePTFE and the average reported amputation rates for standard ePTFE and GORE® PROPATEN® Vascular Graft.<sup>4</sup>

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\* Based on the three-year published clinical performance and economic model.

# Lasting thromboresistance. Proven technology.\*

## CBAS® Heparin Surface

The CBAS® Heparin Surface of the GORE® PROPATEN® Vascular Graft consists of a proprietary covalent end-point bond that preserves the active site, thus retaining heparin's anticoagulant activity.



**Proven heparin availability**

Performance-ready heparin active site.<sup>4,6</sup>



**Proven heparin bioactivity**

Unmatched, persistent ability to take up antithrombin.<sup>1,5</sup>



**Proven lasting thromboresistance**

Improved surface hemocompatibility resulting from heparin availability and bioactivity.<sup>1,4-7</sup>

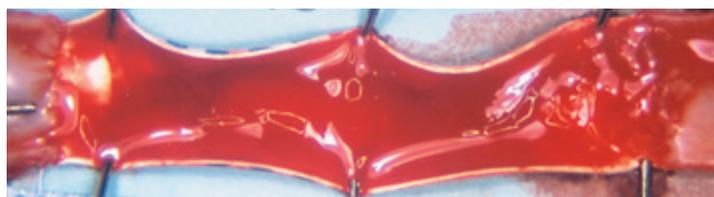
## In vivo canine carotid artery interposition model<sup>6</sup>

The CBAS® Heparin Surface of a 3 mm diameter GORE® PROPATEN® Vascular Graft (top) remains free of thrombus, while the 3 mm diameter control ePTFE graft (bottom) is covered with thrombus in an acute two-hour in vivo canine carotid artery interposition model.<sup>6</sup>

GORE® PROPATEN® Vascular Graft

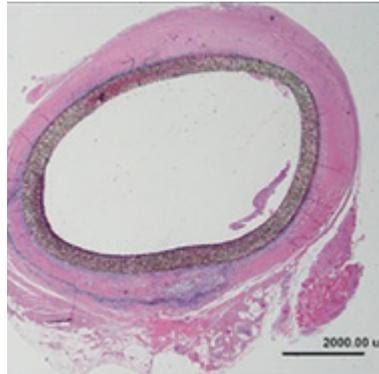


Standard ePTFE



\* CBAS® Heparin Surface. W. L. Gore & Associates Web site. <https://www.goremedical.com/eu/cbas/references>. Accessed September 25, 2019.

# Sustained heparin bioactivity<sup>5,8</sup>

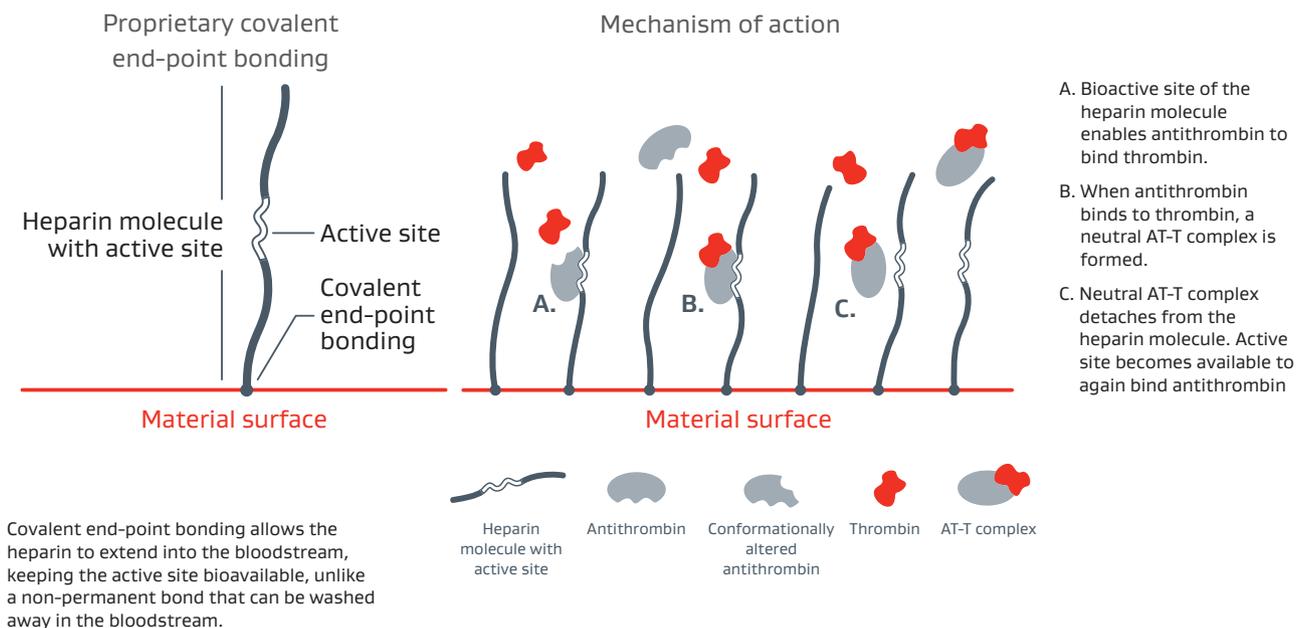


Eight years (Explant after 2,939 days)

Heparin bioactivity detected above the level required for thromboresistance in an eight-year human explant. No adherent thrombus was found.<sup>8</sup>

- Femoral to posterior tibial bypass with polyester Linton patch
- Distal anastomosis occluded

## Proprietary end-point covalent bonding



The anticoagulant function of heparin is dependent on the bioavailability of an active site within the molecule. Some methods of covalent heparin bonding damage and/or obstruct the active site and hence destroy heparin's anticoagulant activity.

Visit [goremedical.com/eu/cbas](http://goremedical.com/eu/cbas) to learn more

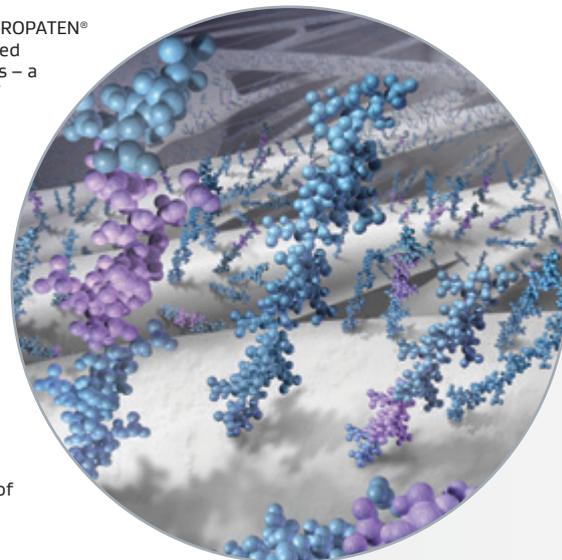
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Features Gore's CBAS® Heparin Surface, the proven heparin bonding technology for lasting thromboresistance, used in many of Gore's interventional and vascular surgery products. End-point covalent bonding keeps heparin anchored to the graft surface, while the bioactive site remains free to interact with the blood to help prevent clotting.<sup>7</sup>

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## References

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8. Biran R. *Heparin Activity and Concentration Values from 52 and 96 Month Duration Clinical Explants of the GORE® PROPATEN® Vascular Graft*. Flagstaff, AZ: W. L. Gore & Associates, Inc; 2011. [Work plan]. WP104647.



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