

Pericardial Patch

WITH ENCAP™ AC TECHNOLOGY

ENHANCED BIOCOMPATIBILITY FOR LASTING PERFORMANCE

The Pericardial Patch with EnCap AC Technology* combines strong, durable bovine pericardium with a proprietary anti-calcification treatment, making it suitable for a variety of cardiac repairs while offering improved handling and enhanced biocompatibility.



IMPROVED HANDLING AND SUTURABILITY SUPPORT CARDIOVASCULAR REPAIR

- Ready-to-use, rinseless preparation saves time during procedures.
- Bovine pericardium provides improved handling and suturability compared with synthetic patches.¹
- The strength of glutaraldehyde-fixed tissue enhances durability and helps resist undesirable changes such as patch shrinkage and aneurysm formation, even in high-stress repairs.²⁻⁶
- Soft, pliable tissue conforms to anatomy and sutures into place with minimal leaking along suture line.

ANTI-CALCIFICATION TREATMENT ENHANCES BIOCOMPATIBILITY AND DURABILITY

- Proprietary EnCap AC Technology caps residual aldehydes to reduce antigenicity and cytotoxicity.^{5,7,8}
- Resists calcification and promotes rapid binds, thorough healing with endothelial cell covering.⁷⁻¹⁰
- Improved endothelialization strengthens the reconstruction or repair, helping reduce calcification and other degeneration.⁷⁻⁹

APPROPRIATE FOR A WIDE RANGE OF CARDIAC AND VASCULAR REPAIRS⁸

- Annular reconstruction³
- Endocarditis leaflet repairs
- Septal defect repairs
- Aortic root enlargement
- Other vascular repairs.

* There is no clinical data currently available which evaluates the long-term impact of anticalcification tissue treatment in humans.

ORDERING INFORMATION

Pericardial Patch

Model Number	Patch Size (cm)	Nominal Thickness (mm)
C0205	2 x 5	0.20 – 0.40
C0405	4 x 5	0.15 – 0.25
C0510	5 x 10	0.20 – 0.40
C0914	9 x 14	0.20 – 0.40

All sizes not currently available in all markets.

References:

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7. Frater RWM, Seifert E, Liao K, et al. Anticalcification, proendothelial, and anti-inflammatory effect of post-aldehyde polyol treatment of bioprosthetic material. In: Gabbay S, Wheatley DJ (eds.). *Advances in Anticalcific and Antidegenerative Treatment of Heart Valve Bioprostheses.* Austin, TX: Silent Partners Inc; 1997:105-14.
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10. Moritz A, Grimm M, Eybl E, et al. Improved spontaneous endothelialization by postfixation treatment of bovine pericardium. *Eur J Cardiothorac Surg.* 1991;5:155-9.

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