



**NEW
TECHNOLOGY
FOR SAFE, EASY
AND DURABLE
SURGICAL REPAIR**

dCell PATCH

Decellularized Bovine Pericardium



cardioprótese

TECHNOLOGICAL INNOVATIONS



IDEAL TISSUE SOLUTION

MULTIPLE APPLICATIONS

CONGENITAL HEART SURGERY

- RVOT Reconstruction •
- ASD/VSD Closure •
- Intracardiac Baffles •
- Pulmonary Artery / Branch Plasty •
- Great Vessel Reconstruction •
- Arch Repair •

ADULT HEART SURGERY

- Mitral and Aortic Valve Leaflet Repair •
- Pericardial Band for Annuloplasty •
- Valve Annular Reconstruction •
- Aortic Root Enlargement •
- Pericardial Closure •
- LVAD/ECMO •
- LV Geometric Reconstruction •

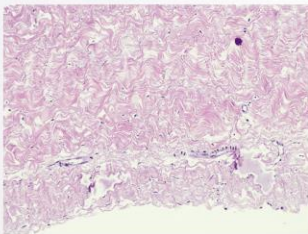
OTHER APPLICATIONS

- Carotid Endarterectomy •
- Peripheral Vascular Reconstruction •
- NeuroSurgery – Dura-Mater Closure •
- Hernia Repair •
- Bladder Augmentation •

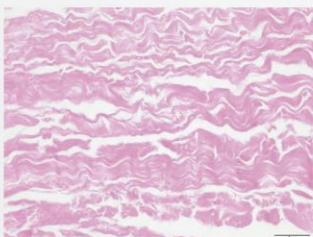


dCell Features

- Decellularization with DS concentration results in optimal matrix preservation.
- Absence of cells and residual DNA eliminates calcium binding sites.
- Ethanol removal of phospholipids enhances resistance to dystrophic calcification.
- Low Glutaraldehyde fixation Improves biomechanical characteristics.



Fresh Pericardium



Decellularized Pericardium

dCell Technology Superiority

- Reduced Immune Response
- Optimal Biocompatibility
- Prevented Calcification
- Easy to Handle
- Stored in Paraben with no need to rinsing before implant – Ready to use off-the shelf



GDA Fixed Pericardium
Mitral valve implant – 6 months



dCell Pericardium
Mitral valve implant – 6 months

Movat pre and pos – DNA control and post – Rat Study – Stress-Strain – Curves



ORDERING INFORMATION

SIZES (cm)

7 x 5cm	10 x 6,6cm	12,5 x 10cm
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Thin • Standard • Thick
Small • Medium • Large

REGISTRO ANVISA

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