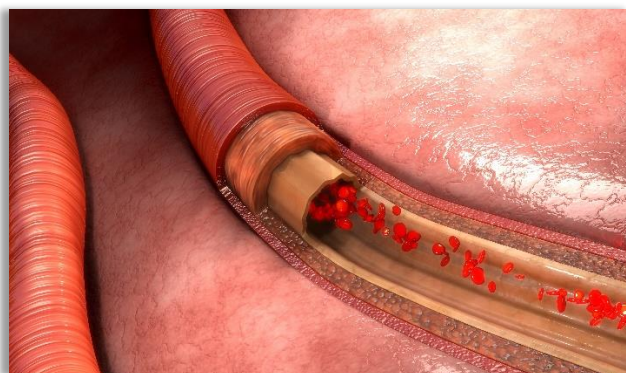


Vascugenx™ Bovine Pericardial Tissue Patch

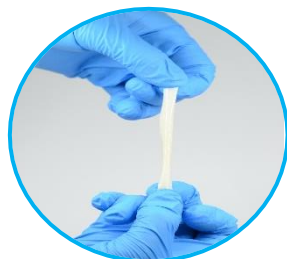
Vascular Indications

- Abdominal aortic aneurysm
- Carotid artery dissection
- Carotid endarterectomy
- Femoral angioplasty
- Femoral endarterectomy
- Great vessel reconstruction
- Renal artery disease
- Thoracic aortic aneurysm repair



- Arterial & venous enlargement repair
- Arteriovenous fistulas
- Claudication
- Malformed vein repair
- Peripheral vascular disease
- Pulmonary Artery Stenosis
- Supravalvular aortic stenosis
- Thoracic aortic aneurysm repair

elixP™ fixated patches excel in the 4 major categories



Ultimate Tensile Strength



Suture Retention



Burst Strength



Elasticity & Elongation

Wide Variety of Sizes with Uniformity

Model	XM-04	XM-05	XM-05T*	XM-06	XM-07	XM-07T*	XM-08
Size (cm)	0.6 x 8	0.8 x 8	0.8 x 8	1 x 6	1 x 10	1 x 10	1 x 14
Model	XM-08T*	XM-09	XM-10	XM-10T*	XM-11	XM-12	XM-13
Size (cm)	1 x 14	1.5 x 8	1.5 x 10	1.5 x 10	1.5 x 16	2 x 9	2.5 x 15

*Also available in tapered size.



Call the number or visit our website below to place an order for our products or speak to our sales representatives for more information!

+1 (949) 670-0403
info@tisgenx.com
www.tisgenx.com



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Tisgenx, Inc.
15615 Alton Parkway,
Irvine, CA 92618, USA

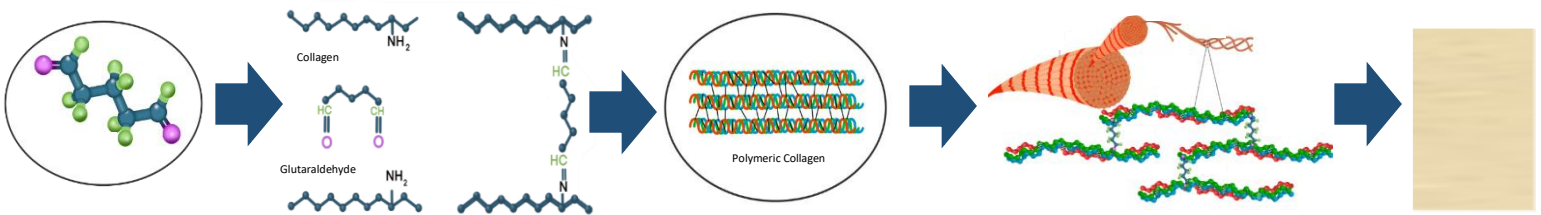
elixP™ Tissue

What is elixP™?

At the heart of our innovative bovine pericardial tissue patch lies elixP™, a cutting-edge processing technique that sets a new standard in medical technology. Our proprietary elixP™ Fixation Technology is meticulously engineered to preserve the natural triple helical structure of collagen at both intramolecular and intermolecular levels. This breakthrough process ensures that the collagen molecules retain their intrinsic alignment and integrity, resulting in a tissue patch with superior mechanical strength and flexibility.

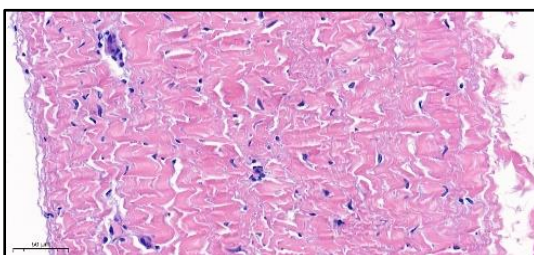
elixP™ tissue technology

elixP™ Tissue Technology achieves a remarkable level of precision, with 100% crosslinking of collagen molecules. This unparalleled level of crosslinking is critical for ensuring the patch's stability and longevity. By solidifying the bonds within and between collagen fibrils, elixP™ effectively prevents issues such as suture line bleeding, delamination, and inflammatory responses. The result is a tissue patch that remains intact and functional throughout the healing process, minimizing potential complications and improving surgical outcomes. With elixP™, we eliminate antigenicity and maintain the natural collagen formation, providing a patch that boasts exceptional softness and durability.

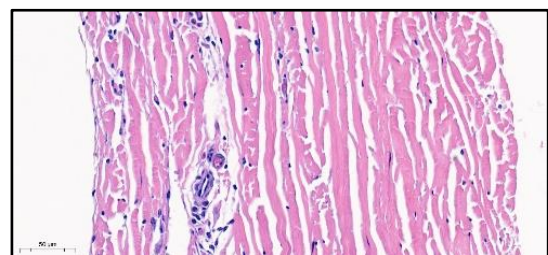


Clinical benefits and long-term results

Our advanced elixP™ tissue technology not only supports superior biocompatibility but also resists degradation, allowing Vascugenx® to perform reliably across a range of surgical applications. The elixP™ methodology does more than just crosslink collagen—it transforms the collagen matrix into a superior material that is both highly durable and exceptionally flexible. This enhanced matrix allows for precise manipulation during application, offering excellent scaffolding and maintaining the natural pliability of the tissue. Surgeons can rely on Vascugenx® for its ease of application and adaptability, knowing that it will conform perfectly to the surgical site and support effective tissue repair. The enhanced tensile strength and suture-holding capabilities of Vascugenx® further contribute to its reliability and effectiveness. Vascugenx® represents a significant advancement in tissue repair technology, offering a solution that medical professionals can trust for complex and critical procedures.



elixP™ tissue under H&E microscopy.
Collagen pattern is almost identical to native pericardium.



Competitor tissue under H&E microscopy.
Large white gaps between collagen leads to infection and calcification.