

PERCEVAL™

Aortic Pericardial Heart Valve

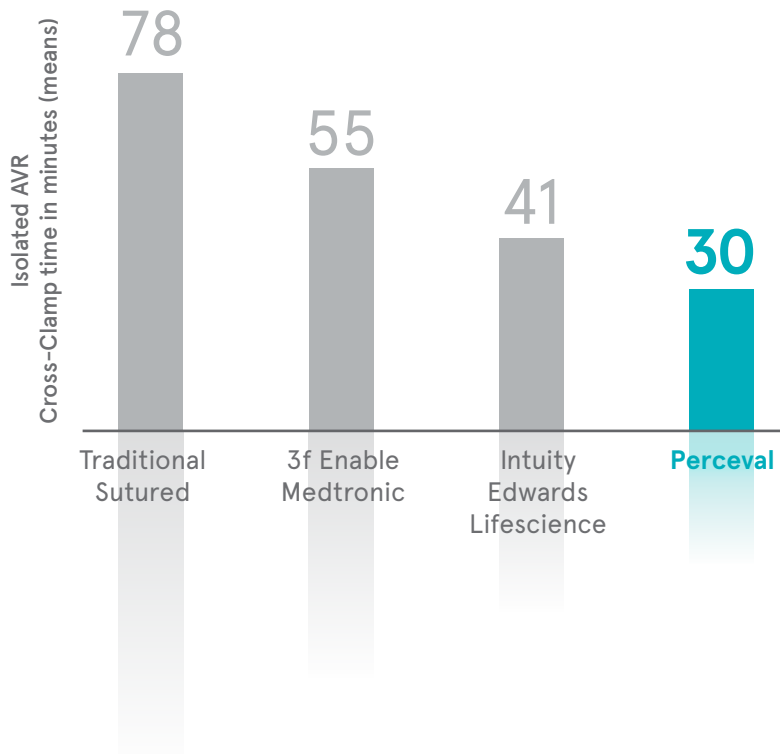


Optimizing the surgical approach to aortic valve replacement

SIGNIFICANT TIME SAVINGS

RESTORES AND PRESERVES NATURAL VALVE PERFORMANCE

- The collapsed profile minimizes trauma to the aortic wall while enabling a full and direct view
- Temporary guiding sutures ensure optimal placement
- 100% freedom from SVD at 5-year max follow-up¹



61%

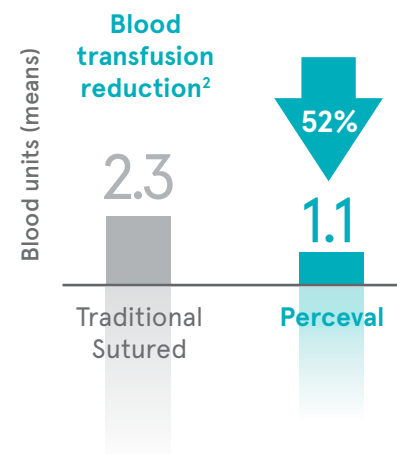
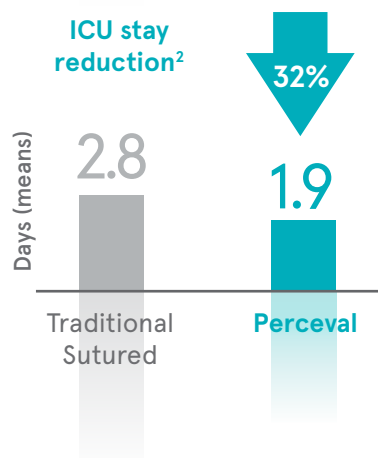
**CROSS CLAMP TIME
REDUCTION VS.
TRADITIONAL VALVES** ^{2,3,4,5,6}

References:

1. Shrestha et al; Eur J Cardiothoracic Surg 2015
2. Santarpino et al., Ann Thorac Surg 2013 Jul; 96(1):77-81
3. Phan et al., Ann Cardiothorac Surg 2225-319X.2014.06.01
4. Martens et al., Ann Thorac Surgery 2009;87:1914-8
5. Kocher et al., JCTS 2013;145(1):110-6
6. Folliquet et al., Ann Thorac Surg 2012;93:1483-8
7. Pollari et al; Ann Thorac Surg 2014;98:611-7
8. Gilmanov et al., Ann Thorac Surg 2013;96:2101-8

BETTER PATIENT OUTCOMES ^{2,7}

REDUCES THE SURGICAL IMPACT



ENGINEERED FOR PERFORMANCE

UNIQUE DESIGN AND ADVANCED ENGINEERING



SUPER ELASTIC STENT

Allows Perceval to adapt to the natural movement of the aorta during the cardiac cycle

ATRAUMATIC COLLAPSING

Allows for reduction in valve diameter while decreasing the chance for tears, perforation or folding

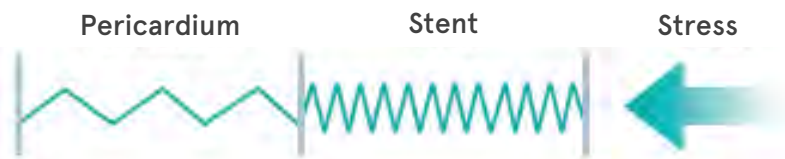
GEOMETRIC ORIFICE AREA IS MAXIMIZED

The absence of a suturing ring provides excellent hemodynamic performance and stable results over time

OPTIMAL STRESS ABSORPTION

The elastic structure of Perceval mimics the stress absorption properties of the native tissue at the valve commissures level. In addition, Perceval passed a test three times more rigorous than what is required by I.S.O. and F.D.A. guidelines.

ELASTIC CHAIN MODEL



OPTIMIZING THE SURGICAL APPROACH TO AORTIC VALVE REPLACEMENT






DESIGNED FOR ANY PATIENT THAT REQUIRES AN AVR INCLUDING COMPLEX CASES

Reproducible technique leading to shorter
procedure and more reproducible results^{2,8}









Improved outcomes that reduce
post-operative complications



PERCEVAL PRODUCT SPECIFICATIONS

CODE	DESCRIPTION	PRODUCT	USE
ICV	1208 Perceval size S		Single use
	1209 Perceval size M		
	1210 Perceval size L		
	1211 Perceval size XL		
ICV 1268	Smart Clip		Single use
ICV 1219	Sizers Kit		Re-usable
ICV 1232	Dual Collapser Base		Re-usable
ICV 1230	Accessories Tray		Re-usable

SINGLE USE ACCESSORY KITS

	STERNAL APPROACH		MICS APPROACH	
Size	Code and Label	Contains	Code and Label	Contains
S	ICV1345 	ICV1235: Dual Collapser ICV1242: Dual Holder ICV1148: Post-dilation Catheter	ICV1349 	ICV1235: Dual Collapser ICV1244: Dual MICS Holder ICV1216: MICS Post-dilation Catheter
M	ICV1346 	ICV1235: Dual Collapser ICV1242: Dual Holder ICV1149: Post-dilation Catheter	ICV1350 	ICV1235: Dual Collapser ICV1244: Dual MICS Holder ICV1217: MICS Post-dilation Catheter
L	ICV1347 	ICV1236: Dual Collapser ICV1243: Dual Holder ICV1170: Post-dilation Catheter	ICV1351 	ICV1236: Dual Collapser ICV1245: Dual MICS Holder ICV1218: MICS Post-dilation Catheter
XL	ICV1348 	ICV1236: Dual Collapser ICV1243: Dual Holder ICV1234: Post-dilation Catheter	ICV1352 	ICV1236: Dual Collapser ICV1245: Dual MICS Holder ICV1241: MICS Post-dilation Catheter

LivaNova

Health innovation that matters

Sorin Group USA Inc

A wholly owned subsidiary of LivaNova Plc

14401 W. 65th Way

Arvada, CO 80004 USA

Tel. 800.289.5759

Fax 877.657.3605

e-mail: info.cardiacsurgery.us@livanova.com

www.livanova.com



Manufactured by:

LivaNova Canada Corp.

5005 North Fraser Way

Burnaby BC V5J5M1 - Canada

Tel. 1-604-412-5650