



Medtronic

CoreValve[®]

PERCUTANEOUS AORTIC VALVE IMPLANTATION SYSTEM



INTERNATIONAL

CAUTION: The CoreValve[®] System is not currently available in the USA for clinical trials or for sale. CoreValve is a registered trademark of Medtronic CV Luxembourg S.a.r.l.

Cardiac Care,
Transformed.



Cardiac Care, Transformed.

The Medtronic CoreValve® Percutaneous Aortic Valve Implantation System offers revolutionary technology that transforms open-heart surgical aortic valve replacement into a beating-heart percutaneous procedure.



Deliverability



Repositionability



Controlled Release



Performance


Leading the way



18 French Delivery Catheter System

TRUE PERCUTANEOUS VALVE REPLACEMENT

The lowest delivery profile for all valve sizes on the market today.

- 18Fr delivery catheter eliminates the need for surgical cut-downs and facilitates ease of implantation
 - Innovative handle design provides options for controlled release or rapid delivery
 - Unique coverage sheath protects valve during delivery to the point of deployment
- 



Self-Expanding Multi-Level Frame

CONTROLLED RELEASE, ACCURATE PLACEMENT
AND PARTIAL REPOSITIONABILITY

Nitinol-based frame eliminates the need for rapid pacing during deployment.

- Nitinol construction offers memory shaping and eliminates recoil
- Radiopaque design for optimal positioning
- Designed with in-flow radial force to prevent device migration and conform to native annulus, which mitigates paravalvular leaks

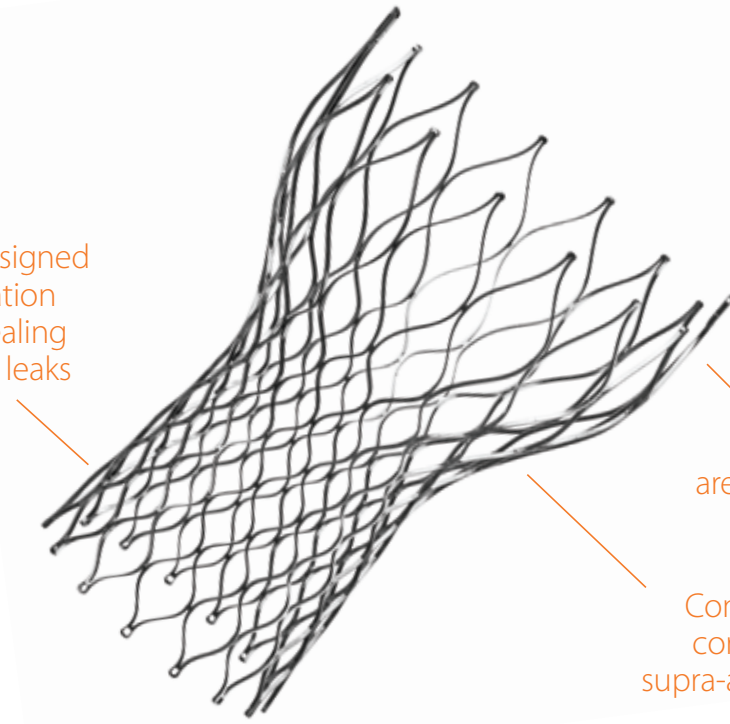
Percutaneous Porcine Pericardial Tissue Valve

SUPRA-ANNULAR FUNCTION AND
INTRA-ANNULAR IMPLANTATION

Unrivaled engineering for optimal hemodynamics and durability.

- Full valve function prior to final release enables evaluation and adjustment
- Supra-annular function delivers optimal hemodynamics while intra-annular sealing skirt minimizes paravalvular leaks

In-flow radial force is designed to prevent device migration and provides annular sealing to mitigate paravalvular leaks



Low radial force area orients the system

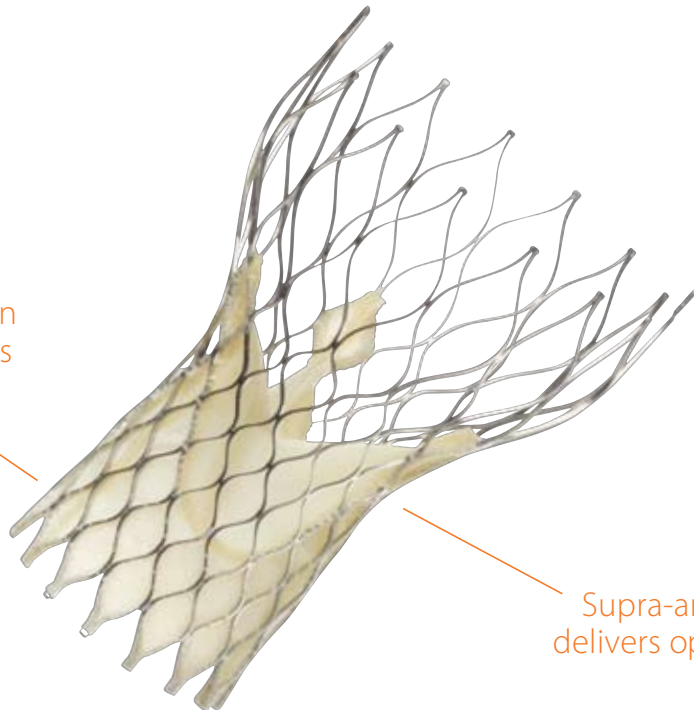
Constrained area avoids coronaries and features supra-annular valve leaflets

Unique

True Transformation

Percutaneous Design

Intra-annular implantation and sealing skirt mitigates paravalvular leaks



Supra-annular valve function delivers optimal hemodynamics



Transforming Technology to Change Lives

At Medtronic,
our culture of innovation through collaboration inspires us
to continually push the boundaries of medical technology.

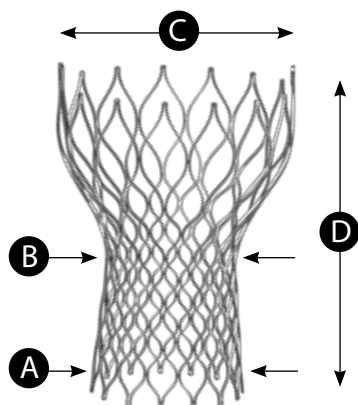
The CoreValve® System
exemplifies this collaborative spirit and our commitment
to develop innovative, life-changing therapies:

- Developed in partnership with leading interventional cardiologists and cardiac surgeons.
- Provides carefully selected patients with severe aortic stenosis at high or prohibitive risk for surgery a revolutionary treatment option.



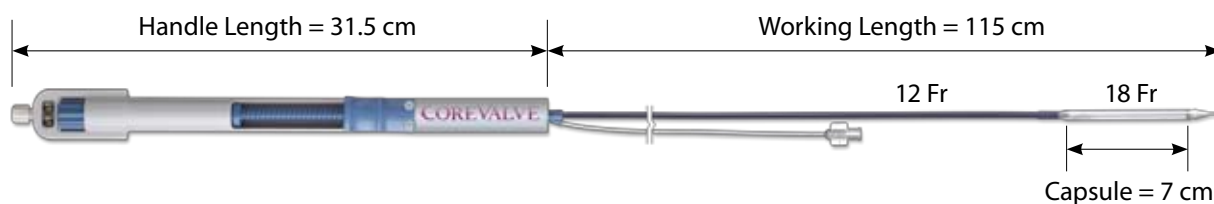
ORDERING INFORMATION

Model/Reference No.	Name	Description - Single Use
CRS-P3-640	CoreValve 26 mm Aortic Valve	26 mm (20-23 mm annulus)
CRS-P3-943	CoreValve 29 mm Aortic Valve	29 mm (24-27 mm annulus)
DCS-C3-18FR	CoreValve Delivery System	18 Fr Delivery Catheter
CLS-3000-18FR	CoreValve Loading System	Loading System

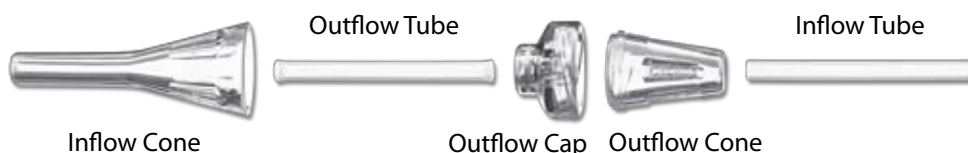


Model No. CRS-P3-640	Model No. CRS-P3-943
A = 26 mm	A = 29 mm
B = 22 mm	B = 24 mm
C = 40 mm	C = 43 mm
D = 55 mm	D = 53 mm

Model No. DCS-C3-18FR



Model No. CLS-3000-18FR



Refer to Instructions for Use for a complete list of warnings, precautions and contraindications.
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www.medtronic.com

World Headquarters
 Medtronic, Inc.
 710 Medtronic Parkway
 Minneapolis, MN 55432-5604
 USA
 Tel: (763) 514-4000
 Fax: (763) 514-4879
 Medtronic USA, Inc.
 Toll-free: 1 (800) 328-2518
 (24-hour technical support for
 physicians and medical professionals)

Europe
Medtronic International Trading Sàrl
 Route du Molliau 31
 Case postale
 CH-1131 Tolochenaz
 Switzerland
 Tel: 41.21.802.7000
 Fax: 41.21.802.7900

Canada
 Medtronic of Canada Ltd.
 6733 Kitimat Road
 Mississauga, Ontario L5N 1W3
 Canada
 Tel: (905) 826-6020
 Fax: (905) 826-6620
 Toll-free: 1 (800) 268-5346

Asia Pacific
 Medtronic International, Ltd.
 16/F Manulife Plaza
 The Lee Gardens, 33 Hysan Avenue
 Causeway Bay
 Hong Kong
 Tel: (852) 2891 4456
 Fax: (852) 2891 6830
 enquiryap@medtronic.com

Latin America
 Medtronic USA, Inc.
 Doral Corporate Center II
 3750 NW 87th Avenue Suite 700
 Miami, FL 33178
 USA
 Tel: (305) 500-9328
 Fax: (786) 709-4244

