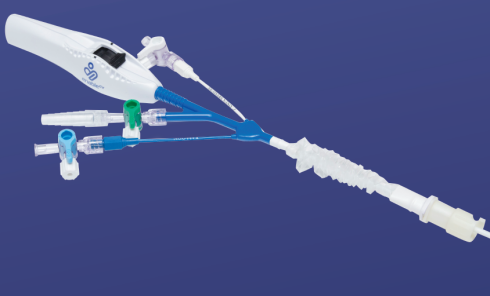
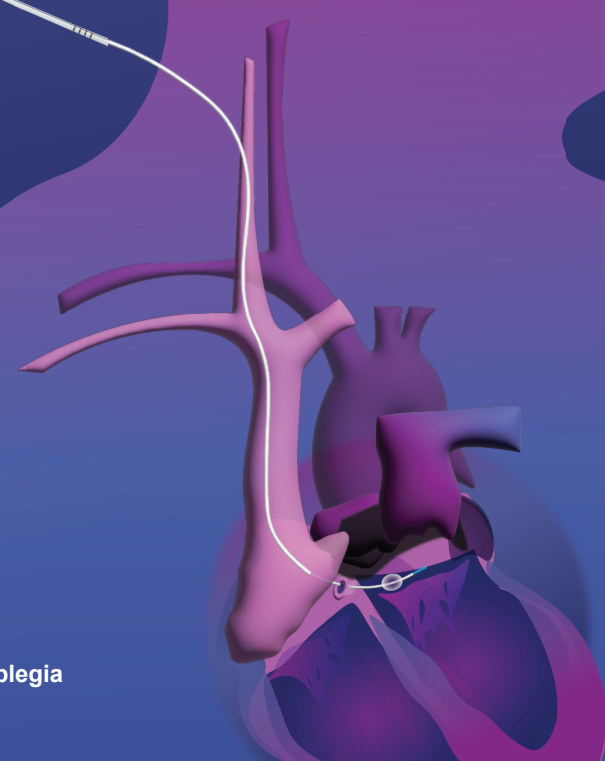




**Consistent delivery.
Global protection.***



ProPlege
Peripheral Retrograde
Cardioplegia Device



* In conjunction with antegrade cardioplegia

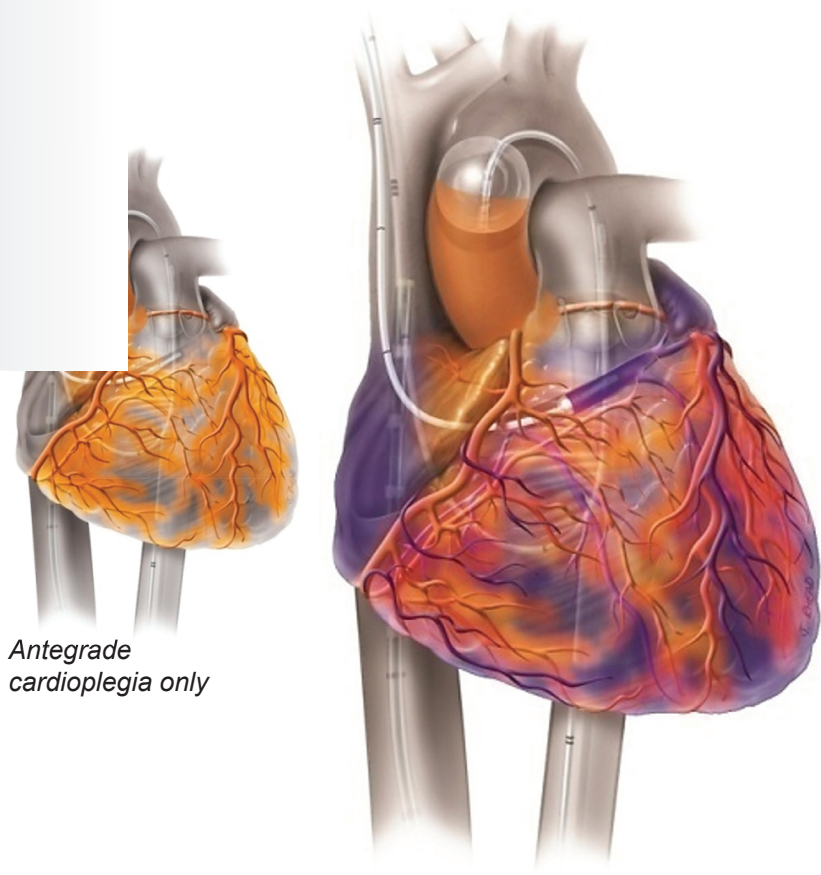
Adding ProPlege retrograde cardioplegia to antegrade delivery offers global myocardial protection* without disruption...

Global protection,* fewer complications

Paired with antegrade cardioplegia, ProPlege can

- More fully protect the heart¹⁻⁴
- Help reduce risks of complications, such as cardiac and neurological events¹⁻⁴
- Help patients come off bypass effectively for optimal hemodynamic return^{5,6}

* In conjunction with antegrade cardioplegia

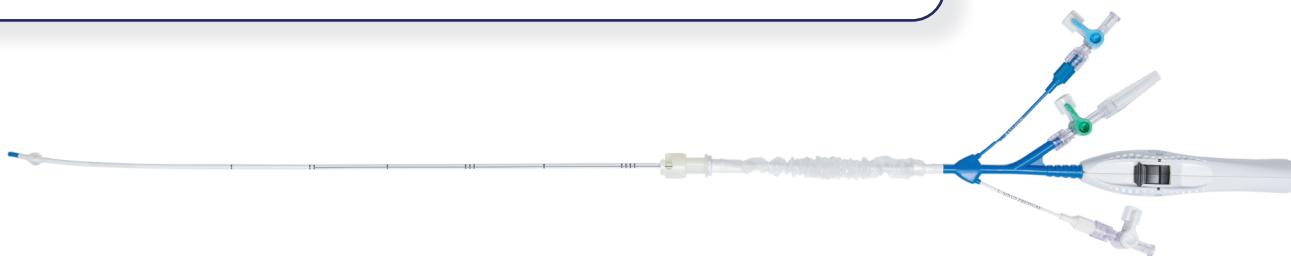


Antegrade cardioplegia only

Global protection with combined retrograde and antegrade cardioplegia

Give your patients the benefits of combined retrograde and antegrade cardioplegia⁵

- Provides more even and uniform protection of the myocardium
- Decreases the need for post-op inotropic support
- Helps more patients achieve normal sinus rhythm postoperatively



...expanding minimally invasive cardiac surgery to more patients.

Maintain your momentum

Streamline your procedures with reliable, uninterrupted performance

- Avoid redose disruption⁶
- Eliminate retractor repositioning¹
- Avoid complex, inconsistent workarounds for each patient^{6,7}



Results you can count on

- High success rate in placement of ProPlege⁶⁻¹⁰
- Promotes unobstructed vision and a bloodless field⁶
- Shorter surgical times with neckline placement⁶

Designed for minimally invasive surgery

Enables minimally invasive on-pump cardiac procedures

- For more patients in a safer and more reliable manner than direct cannulation^{7,8}
- Delivers retrograde cardioplegia through a peripheral approach outside the operating window
- With experience, anesthesiologists can reduce insertion time and optimize positioning⁶⁻¹⁰



Tailored for cardiopulmonary bypass procedures¹¹

- Routine placement increases anesthesiologist proficiency⁹
- Minimal time added to operation for insertion and positioning⁶⁻¹⁰
- Feasible and attainable without affecting safety of procedure⁷

Indications and procedural applications

Indications for use

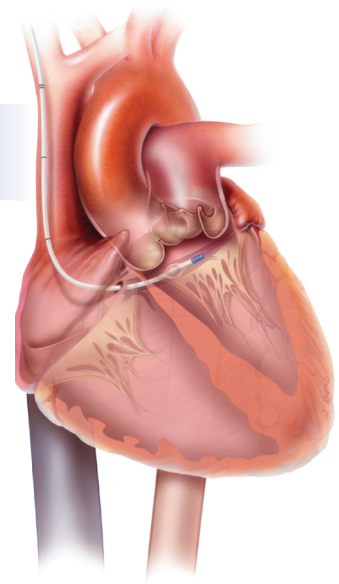
Used during cardiopulmonary bypass to:

- Deliver retrograde cardioplegia
- Provide occlusion of the coronary sinus
- Allow monitoring of coronary sinus pressure

Procedural applications

Used in minimally-invasive procedures:

- Aortic valve replacement
- Mitral valve repair or replacement
- Tricuspid valve repair
- Myxoma resection
- Maze procedure
- Reoperation
- Total endoscopic coronary artery bypass



1 unit per case

Model	PR9	Effective Length	23.2 inch (59 cm)
Catheter Size	9 Fr (3.1 mm)	Overall Length	32.3 inch (82 cm)

The ProPlege device is designed for use with the Cordis AVANTI+ 11 Fr introducer sheath.

Choose the ProPlege device for your minimally invasive cases.

For more information:

Contact your sales rep | Call 1-888-9HEART3 | Email customerservice@enablecv.com

References

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6967 S. River Gate Drive, Suite 104, Midvale, UT 84047