



Palindrome™ Precision HSI chronic catheter

# How do your tunneled catheter options stack-up?

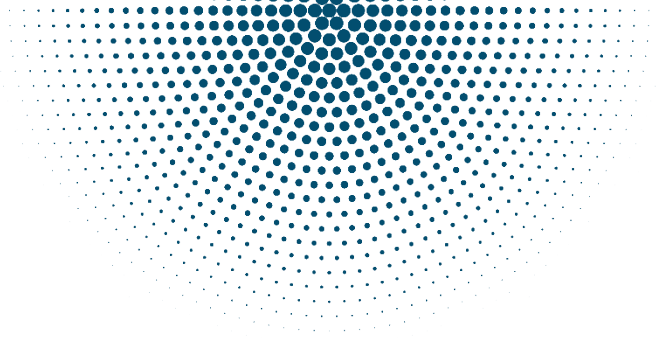
It's time to address catheter-related complications head-on.

Harnessing the industry-known benefits of heparin and silver, the Palindrome™ Precision HSI catheter uniquely offers both antithrombogenic and antimicrobial support — all with the trusted usability of the Palindrome™ Precision chronic catheter design.

See how the Palindrome™ Precision HSI stands apart from other coated and non-coated tunneled catheter options

	Coated		Uncoated		
	Mozarc Medical	AngioDynamics™*1	Mozarc Medical	BD™*2	Teleflex™*3
<b>Catheter</b>	Palindrome™ Precision HSI catheter	BioFlo™* DuraMax™* catheter	Palindrome™ Precision chronic catheter	GlidePath™ long-term dialysis catheter	Arrow-Clark™ VectorFlow® chronic hemodialysis catheter
<b>Coated/therapeutic technologies</b>	Heparin (coated; non eluting); Silver Ion (coated)	Endexo* Technology (blended)	No	No	No
<b>Thrombus accumulation</b> <sup>4†</sup> (avg. weight over 720hrs)	0.0148g	0.1706g	0.1034g	0.1109g	0.1026g
<b>Antimicrobial</b>	Yes (99.999% reduction in vitro) <sup>5</sup>	No	No	No	No
<b>Location of coating on device</b>	Heparin (external tip to cuff & internal tip to adapter); Silver-ion (external cuff to hub)	Throughout intraluminal and extraluminal	No	No	No
<b>Tip</b>	Symmetric	Step (S-curve), angled venous	Symmetric	Symmetric	Symmetric
<b>Tip visualization</b>	Radiopaque Tungsten Marker Band	No	Radiopaque Tungsten Marker Band	No	No

<sup>†</sup>Based on in vitro internal testing. See reverse side for important safety information



## Palindrome™ Precision HSI Chronic Catheter

Important safety information: The Palindrome™ HSI chronic catheter with heparin coating and silver ion subcutaneous sleeve is intended for acute and chronic hemodialysis, apheresis, and infusion. It may be inserted either percutaneously or by cutdown. The device is contraindicated in thrombosed vessels or for subclavian puncture when ventilator is in use. This product should not be used in patients with documented hypersensitivity to silver, heparin or porcine based products. Heparin coated catheters should not be used in patients with severe thrombocytopenia, uncontrollable active bleeding disorders, or with skin necrosis from previous heparin use. In case of infection, the silver in the catheter does not replace the need for using systemic anti-infective agents. Clinicians/ Healthcare Professionals should be aware that there are very limited data on prolonged and repeated use of silver containing products and particularly in children and neonates. See the instructions for use (IFU) for detailed information regarding the implant procedure, indications, contraindications, warnings, precautions, and potential complications/adverse events.

### Palindrome™ Precision HSI catheter comparison chart references

1. Angiodinamics. BioFlow\* Duramax\* Catheter with Endexo Technology. Product Brochure. 2017; ANGB 255 GL Rev 01 11/17.
2. BD. Glidepath® Long-term Hemodialysis Catheter. Product Brochure. 2021. BPV/HDCA/0318/0023.
3. Teleflex®, Arrow-Clark™ VectorFlow® Chronic Hemodialysis Catheter. Product Brochure. 2018/2020; MC-006718 LA EN.
4. Internal Report RKL132-HE99. Data on file. 2015.
5. Internal Test Report 136-053-MAN-05. 2005.

©2024 Mozarc Medical Holding LLC. Mozarc, Mozarc Medical, the Mozarc Medical logos, and Empowering Patients. Enriching Lives. are trademarks of Mozarc Medical. Covidien and Medtronic are trademarks of Medtronic used under license.™\* Third-party brands are trademarks of their respective owners. 02/2024 -US-RC-2400037 [IH-MZC]

800.962.9888  
508.261.8000

710 Medtronic Parkway  
Minneapolis, MN 55432

[MozarcMedical.com](https://MozarcMedical.com)  
[Medtronic.com/dialysis-access](https://Medtronic.com/dialysis-access)

**Mozarc**  
medical