

Navigation where **you need it**

SV GUIDANCE



Our guidance systems are designed to be used with any brand of catheter allowing you the freedom to choose what is best for your patient.

SV NAV+ delivers real-time catheter navigation using blood flow sensing

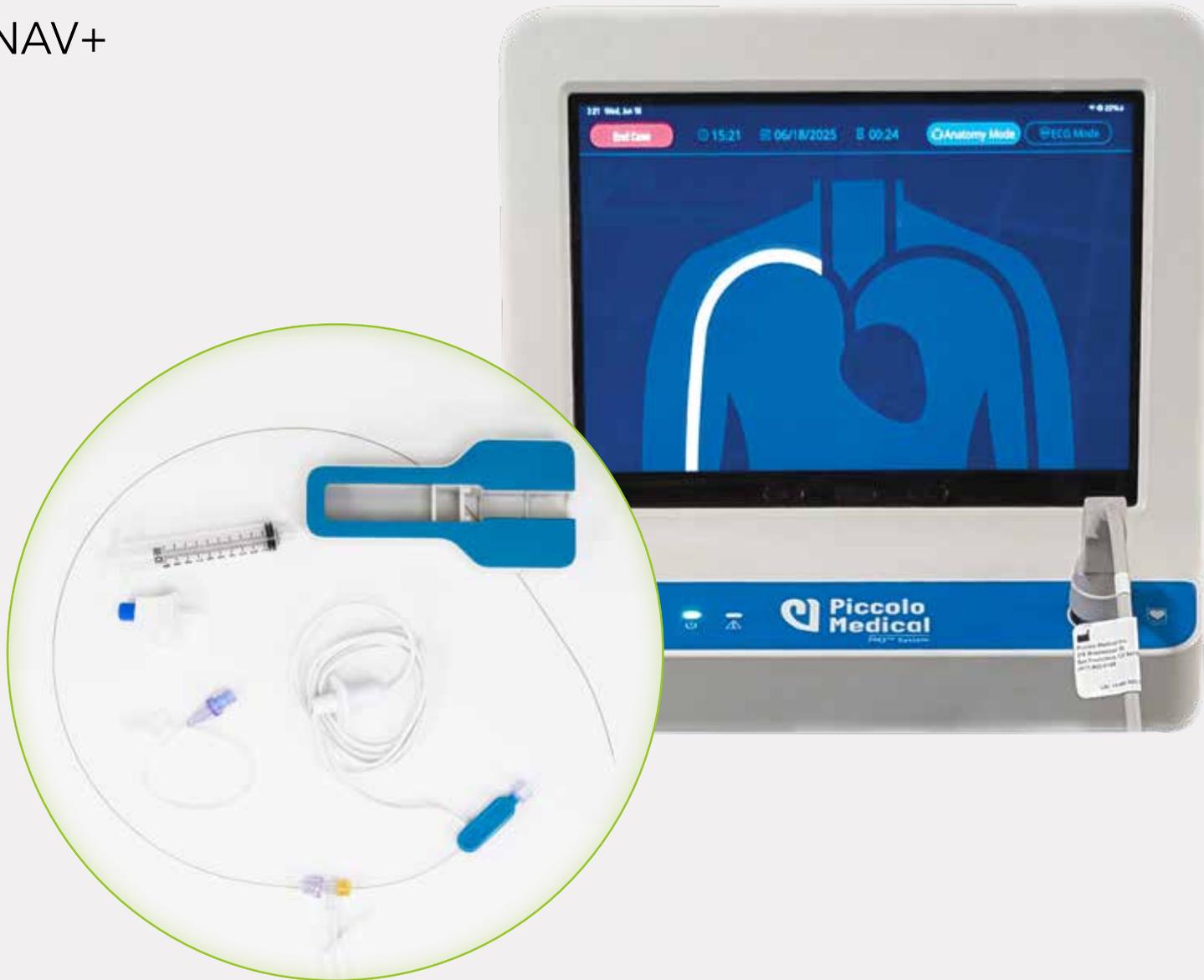
ECGuide™ is cleared as an alternative for X-ray confirmation for PICCs and CVCs

The **C3 Wave System** is a wireless ECG solution designed to keep clinicians' hands free



Navigation platform for vascular access

SV NAV+





SV NAV+

Navigation platform for vascular

- Real-time, accurate bedside catheter tip confirmation for CVCs and PICCs
- Eliminates the need for confirmatory chest X-rays
- Compatibility with ultrasound devices

FEATURES + BENEFITS

- Is cost effective
- Has easy to use software
- Improves patient comfort
- Offers seamless integration with all brands of catheters



UPN	Description
FGN-15-694	Roll Stand (each) includes: Handle & Basket
FGS-15-773	SmartPICC Accessory Pack - described as Nav+ Accessory Pack
FGN-15-779	PM2+ System
FGN-15-903	Charger, PM2, Replacement
FGN-15-902	ECG Cable, PM2, Replacement
FGN-15-904	System Mount, PM2, Replacement

Real-time catheter guidance using blood flow sensing

Immediate detection of improper vein advancements



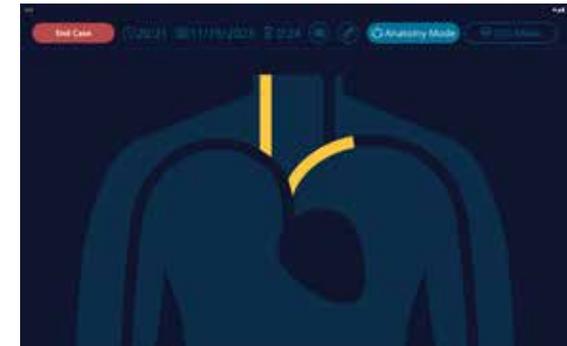
Select insertion site



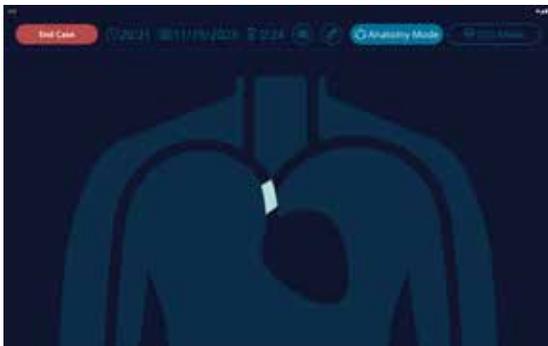
Real-time tip navigation and feedback



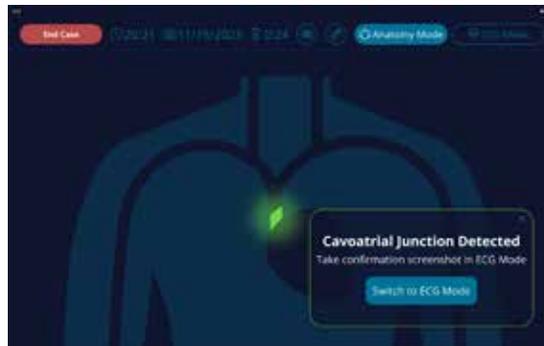
Blood flow sensor for immediate detection of accidental turns



Intravascular ECG sensor to detect P-wave changes when catheter enters superior vena cava



After detecting cavoatrial junction positioning, clinician can switch to ECG mode for final confirmation



Intravascular blood flow and ECG sensors show when catheter is too far into the right atrium



Millions of catheter malpositions every year

- 3 million PICCs placed each year¹
- 50% malposition rate of catheters when placed without guidance technology²
- 45% increased risk of thrombosis with a malposition catheter³

1. U.S. Vascular Access Market Size & Trends| 2025-2031. Accessed April 9, 2025. <https://idataresearch.com/product/vascular-access-devices-market-united-states/>.

2. Johnston AJ, Bishop SM, Martin L, See TC, Streater CT. Defining peripherally inserted central catheter tip position and an evaluation of insertions in one unit. *Anaesthesia*. 2013;68(5):484-491. doi:10.1111/anae.12188

3. Caers J, Fontaine C, Vinh-Hung V, et al. Catheter tip position as a risk factor for thrombosis associated with the use of subcutaneous infusion ports. *Support Care Cancer*. 2005;13(5):325-331. doi:10.1007/s00520-004-0723-1

Attach. Flush. **Plug and GO!**

ECGUIDE™





ECGuide™

ECGuide™ uses intravascular ECG technology which has been shown to improve catheter placement accuracy and reduce complication rates.¹

- 3 Million PICCs placed each year²
- 50% malposition rate of catheters when placed without guidance technology³
- 45% increased risk of thrombosis with a malposition catheter⁴

FEATURES + BENEFITS

- 510(k) cleared as alternative to x-ray confirmation for adult, pediatric, and neonatal patients
- Bedside confirmation with ECG guidance
- Compatible with PICC, CVC, ports, hemodialysis catheters 1 French or larger
- Universal luer lock connection
- Seamless integration into normal workflow
- Wireless printing
- Easily generate procedure reports for documenting

UPN	Description	GTIN
FGN-15-634	PM2 Monitor (each) includes: ECG trunk cable & charger	00860002238517
FGN-15-694	Roll Stand (each) includes: Handle & basket	00860002238548
FGS-15-640	ECGuide Basic Pack (20 pack) includes: 20 ea. ECGuide Connector	00860002238531
FGS-15-852	ECGuide Bundle Pack (10 pack) includes: 10 ea. ECGuide Connector & 10 ea. sterile tablet cover	00860002238586

1. Yu Y, Yuan L. The electrocardiographic method for positioning the tip of central venous access device. *J Vasc Access*. 2020;21(5):589-595. doi:10.1177/1129729819874986

2. iData Research. Vascular Access Devices Market Size, Share & COVID-19 Impact Analysis | United States | 2023-2029 | MedSuite. iData Research; 2023. Accessed April 9, 2025. [idataresearch.com/product/vascular-access-devices-market-united-states](https://www.idataresearch.com/product/vascular-access-devices-market-united-states)

3. Johnston AJ, Bishop SM, Martin L, See TC, Streater CT. Defining peripherally inserted central catheter tip position and an evaluation of insertions in one unit. *Anaesthesia*. 2013;68(5):484-491. doi:10.1111/anae.12188

4. Caers J, Fontaine C, Vinh-Hung V, et al. Catheter tip position as a risk factor for thrombosis associated with the use of subcutaneous infusion ports. *Support Care Cancer*. 2005;13(5):325-331. doi:10.1007/s00520-004-0723-1

Connect. Capture. **Confirm.**

C3 WAVE





C3 Wave

The next generation of ECG PICC placement. The C3 Wave device is an easy to use, app-based wireless ECG system designed to free up clinicians' hands by removing excess wires and allowing more focus on patient care.

FEATURES + BENEFITS

- Easy and intuitive from the very beginning
- Easily correlate catheter depth with P wave activity
- Seamlessly transition between extracavitary and intracavitary waveforms
- Intraprocedural system settings enable a stable and clear waveform
- Capture & compare multiple snapshots

CAPITAL SYSTEM

UPN	Description	Quantity
H787MRC3S02US0	C3 Wave System without iPad - United States	1/box

PROCEDURE DISPOSABLES

UPN	Description	Quantity
H787MRC3RD0001	ECG Cable Accessory Pack (ECG Clip Cable, Sterile Remote Cover and Window Drape)	12/box
H787MRC3RD0031	ECG Cable Accessory Pack (ECG Clip Cable and Sterile Remote Cover)	25/box
H787MRC3RD0041	ECG Cable Accessory Pack (ECG Clip Cable, Sterile Remote Cover and Full Body Drape)	5/box

C3 WAVE ACCESSORIES

UPN	Description	Quantity
H787MRC3S900	C3 Wave System Hub	1/box
H787MRC3S910	C3 Wave System Remote	1/box
H787MRC3S920	C3 Wave System Hub Battery	1/box
H787MRC3S930	Brother Label Printer	1/box
H787MRC3S960	C3 Wave System Hub Charging Base	1/box
H787MRC3S970	C3 Wave System Remote Battery	1/box
H787MRC3S9160	C3 Wave System Pole Mount Kit	1/box
H787MRC3S940	C3 Wave System Pole Release Clamp	1/box
H787MRC3S9190	Hub Power Supply - Australia, New Zealand	1/box
H787MRC3S9200	Hub Power Supply - US	1/box
H787MRC3S9210	C3 Wave System ECG Lead Set	1/box

Some products or part numbers may not be available in all markets. Contact your local Spectrum Vascular sales representative or Customer Service for details.