

Celerity

PICC Tip Confirmation System



Use as an alternative method to
CHEST X-RAY OR FLUOROSCOPY CONFIRMATION

Celerity

 **angiodynamics**

Celerity PICC Tip Confirmation System

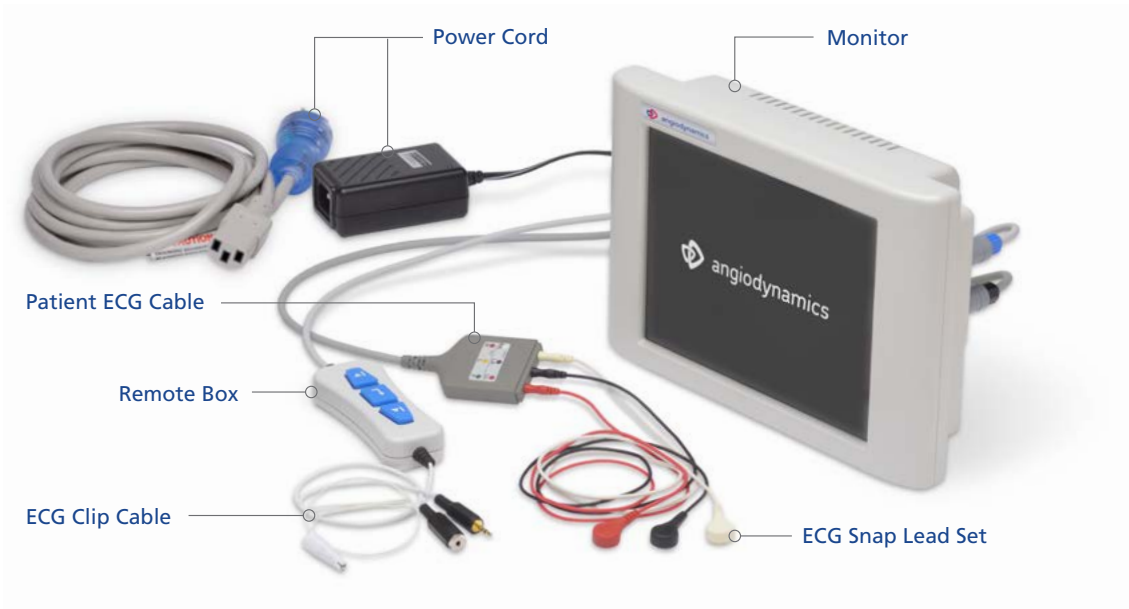
Using a patient's electrocardiographic (ECG) waveform for device positioning is not new. Neither are overcomplicated ways of delivering that capability to a clinician. With all of the challenges posed to a vascular access specialist during a procedure, obtaining and interpreting ECG waveforms shouldn't be one.

Achieve catheter placements using the Celerity* PICC Tip Confirmation System, indicated for use as an alternative method to chest x-ray or fluoroscopy confirmation of PICC tip placement in adult patients.

Use as an alternative method to chest x-ray or fluoroscopy confirmation

INS Standards of Practice 2011: 35.8 "Tip location of CVAD shall be determined radiographically or by other approved technologies prior to initiation of infusion therapy."

Celerity Components



Remote Box



The three button, tethered remote is designed to interface with the on-screen display.

ECG Clip Cable



The sterile clip cable ensures a stable and clear ECG reading.

Patient ECG Cable



A color-coded block connector and tactile snap provide a quick connection.

Advanced Software

User friendly. Upon turning the unit on, a screen prompts you for a patient I.D. to begin a new procedure or enter the settings menu to retrieve archived patient files.

Transition between surface and IV-ECG waveforms.

Use the touchscreen before the procedure, or tethered remote during, to switch between surface and IV-ECG readings.

Capture and compare multiple snapshots. Confirming a change in the P-wave includes the ability to compare up to three snapshots at a time against your baseline reading and live ECG waveform.

Correlate catheter depth with P-wave activity.

The Celerity Sytem automatically prompts you after every accepted snapshot to enter the exposed catheter length and then calculates and displays implanted depth with each snapshot to aid in determining optimal PICC position.

Store them all, but print only what's necessary.

Reduce printing waste by previewing on-screen and print only what is desired.



Removable Battery



Make sure you have power for every procedure with a removable battery and on-screen low-level battery indicator.

Printer



Small and portable printer, easily prints bundle protocol reports.

AC Power Cord



Two-part cord

Celerity PICC Tip Confirmation System

CELERITY SYSTEM AND DISPOSABLES

UPN	DESCRIPTION
H787471400	CELERITY SYSTEM
H787471421	NON-STERILE DISPOSABLES (ADHESIVE ELECTRODES + PREP PADS)
H787471431	STERILE DISPOSABLES (ALLIGATOR CLIP + PROBE COVER)

REPLACEMENT / ADDITIONAL PARTS

UPN	DESCRIPTION
H787471440	REMOTE CONTROL CABLE REPLACEMENT
H787471450	ECG PATIENT CABLE REPLACEMENT
H787471460	BATTERY REPLACEMENT
H787471470	POWER SUPPLY CORD REPLACEMENT
H787471480	POLE MOUNT KIT
H787471490	DYMO PRINTER
H787471500	DYMO LABELS
H787471510	SNAP LEADS (BOX 1)
H787471521	SNAP LEADS (BOX 25)



IMPORTANT RISK INFORMATION

CELERITY PICC TIP CONFIRMATION SYSTEM

INTENDED USE: The Celerity System is intended to provide real time tip location information of a central venous catheter by utilization of ECG to observe P-wave changes as the tip approaches the right atrium of the heart via the superior vena cava.

INDICATIONS FOR USE: The Celerity System is indicated for the positioning of Peripherally Inserted Central Catheters (PICC) in adult patients. It provides real-time catheter tip location information by using the patient's cardiac electrical activity.

The Celerity System is indicated for use as an alternative method to chest x-ray or fluoroscopy confirmation of PICC tip placement in adult patients.

Note: In general, devices that utilize ECG technique to observe P-wave are limited, but not contraindicated for patients where cardiac rhythms may change presentation of the P-wave; including:

- Atrial fibrillation
- Atrial flutter
- Severe tachycardia
- Pacemaker-driven rhythm
- Chronic obstructive pulmonary disorder (COPD)

Such patients are easily identified prior to PICC insertion. Use of an additional confirmation method is necessary to confirm catheter tip location.

CAUTION: Federal Law (USA) restricts this device to sale by or on the order of a physician.



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