

# ARROW® VPS G4™ DEVICE DOCUMENTATION OF TRAINING

Clinician Name: \_\_\_\_\_

Facility: \_\_\_\_\_

Date: \_\_\_\_\_

Preceptor Signature: \_\_\_\_\_

Completed Step (check boxes)	Description	Demonstrated/ Explained Step in Detail	
		Met	Unmet
<input type="checkbox"/>	Connected electrodes to ECG leads.		
<input type="checkbox"/>	Clinician applied the white lead to the right shoulder and the red and black leads to the patient's left side in the hip area. Ensured the electrodes are not over any bony prominence and that they are securely affixed to the skin.		
<input type="checkbox"/>	Connected the ECG cable to the VPS G4 Base Unit and checked the connection is secure.		
<b>VPS G4 Base Unit/Interface Set up</b>			
<input type="checkbox"/>	Connected power cable to the VPS G4 Base Unit.		
<input type="checkbox"/>	Connected the VPS G4 Interface to the VPS G4 Base Unit via USB cable.		
<input type="checkbox"/>	Depressed the VPS G4 Base Unit power button for approximately 1 second.		
<input type="checkbox"/>	Depressed the VPS G4 Interface power button for approximately 3 seconds.		
<input type="checkbox"/>	Launched VPS® Application.		
<input type="checkbox"/>	Selected New Procedure.		
<input type="checkbox"/>	Entered patient information, touched the RETURN key and then CONTINUE to save information and switch automatically to the LIVE screen.		
<input type="checkbox"/>	Touched the CALIBRATE button and waited for calibration. (START button is enabled once calibration is complete.)		
<input type="checkbox"/>	Attached VPS Stylet Extension Cable to the front of the VPS G4 Base Unit. Aligned red dots.		
<b>Stylet Preparation, Use and Case Completion</b>			
<input type="checkbox"/>	Inserted VPS Stylet into desired catheter, leaving 1 mm of Stylet extending beyond the distal tip of the catheter during extension of the catheter. Tightened the Touhy Borst and the side port. DID NOT BEND THE STYLET.		
<input type="checkbox"/>	Marked the VPS Stylet, with marker provided, near the Touhy Borst, for later reference. DID NOT BEND THE STYLET.		
<input type="checkbox"/>	Placed the sterile sleeve over the end of the VPS Stylet connector and grasped the Stylet Extension Cable using a sterile bag. Connected the VPS Stylet to the Extension Cable, aligning the red dot of the Extension Cable connector to the black ridge on the Stylet connector. Placed the sterile sleeve over the Extension Cable so that it was fully covered and secured.		
<input type="checkbox"/>	Attached sterile saline syringe. Flushed catheter lumen(s) and tightened the Stylet lumen clamp to contain the saline column.		
<input type="checkbox"/>	Placed hand inside the sterile bag, grasped the Remote Control, pulled the bag over the device and sealed. Used the Remote Control to operate the VPS G4 Interface from the sterile field.		

<input type="checkbox"/>	Pressed UNMUTE and then START button on the Remote Control.		
<input type="checkbox"/>	Flushed VPS Stylet lumen with saline.		
<input type="checkbox"/>	Listened for a strong “whoosh” sound as fluid passed over the VPS Stylet. (If no sound is heard, see “Troubleshooting” section in “VPS G4 Bedside Quick Guide” or “VPS G4 Device Operator’s Manual” for further instructions.)		
<input type="checkbox"/>	Pressed STOP button. Clamped flushing port to maintain saline column.		
<b>Procedure</b>		<b>Met</b>	<b>Unmet</b>
<input type="checkbox"/>	Inserted catheter/VPS® Stylet assembly at a minimum just past the introducer.		
<input type="checkbox"/>	Pressed START button. Waited for 7 seconds, until a colored symbol is displayed, before advancing the catheter/VPS Stylet assembly.		
<input type="checkbox"/>	<b>SLOWLY</b> advanced catheter 1–2 cm per second.		
<input type="checkbox"/>	<b>SLOWLY</b> inserted catheter until about 5 cm was left to insert, maintaining a Green Arrow symbol. If an Orange No-entry symbol appeared, pulled back until a Green Arrow or Blue Bullseye symbol was seen. If a Yellow Triangle symbol appeared, adjusted the VPS Stylet until another symbol (Green Arrow, Orange No-Entry or Blue Bullseye symbol appeared).		
<input type="checkbox"/>	Continued inserting the last 5 cm of the catheter with a Green Arrow, until a steady Blue Bullseye was achieved. When a steady Blue Bullseye was achieved, the REPORT button turned blue.		
<input type="checkbox"/>	Pressed the POWER/REPORT button on the Remote Control and saved a copy of the screenshot as a PDF. (See VPS G4 Device Operator’s Manual for printing instructions). If a steady Blue Bullseye was achieved, clinician noted the statement: “Tip Placed at Lower 1/3 of the SVC or At CAJ”.  <b>NOTE:</b> If a steady Blue Bullseye was not achieved, ended the case on a Green Arrow symbol and confirmed tip placement with alternate method, such as chest X-ray or fluoroscopy.		
<input type="checkbox"/>	Pressed STOP button.		
<input type="checkbox"/>	Pressed HOME button and returned to the home screen to begin or review a case.		
<input type="checkbox"/>	Flushed Touhy Borst side port and slowly removed VPS Stylet. Completed PICC placement procedure per hospital protocol.		
<input type="checkbox"/>	Disconnected all three ECG electrodes from the ECG cable.		
<input type="checkbox"/>	Disconnected the VPS Stylet, power supply and power cord as appropriate. Cleaned VPS G4 Base Unit and components per instructions in VPS G4 Device Operator’s Manual and stored properly.		
<input type="checkbox"/>	Provided correct chest X-ray instructions. Explained the purpose of taking chest X-ray this way.		
<input type="checkbox"/>	Clinician was able to identify AFib case, if appropriate, and obtained a chest X-ray for tip confirmation.		