

PHLEB 9 Vein Finder Procedure

Copy of version 1.0 (approved and current)

Last Approval or
Periodic Review Completed 2/4/2026

Next Periodic Review
Needed On or Before 2/4/2028

Effective Date 4/15/2020

Uncontrolled Copy printed on 3/11/2026 8:13 AM

Printed By Lisa Lee

Organization Carl Vinson VAMedical Center

Approval and Periodic Review Signatures

Type	Description	Date	Version	Performed By	Notes
Periodic review	Designated Reviewer	2/4/2026	1.0	<i>Brian Webber</i> Brian Webber	
Periodic review	Designated Reviewer	2/6/2024	1.0	<i>Ruth J. Simmons MS, MLS (ASCP)</i> Ruth Simmons	
Periodic review	Designated Reviewer	2/22/2022	1.0	Aml Girgis, MD Aml Girgis	
Approval	Lab Director	4/15/2020	1.0	Aml Girgis	Recorded when document added to MediaLab
Periodic review	Designated Reviewer	4/15/2020	1.0	Aml Girgis	Recorded when document added to MediaLab

Approvals and periodic reviews that occurred before this document was added to the MediaLab Document Control system may not be listed.

Version History

Version	Status	Type	Date Added	Date Effective	Date Retired
1.0	Approved and Current	First version in Document Control	12/29/2021	4/15/2020	Indefinite



USING THE ACCUVEIN AV500 VEIN FINDER

1.0 PURPOSE

- 1.1 This procedure provides a brief overview on how to operate the AccuVein AV500 and how to use the vein finder to locate veins to assist in venipuncture blood collection.
- 1.2 The AccuVein AV500 is a portable hand-held instrument that helps medical professionals to locate certain superficial veins. The AV500 is intended to be used as a supplement to appropriate medical training and experience. The AV500 should not be used as the sole method for locating veins, and should be used by a qualified medical professional, who should do so either prior to palpation to help identify the location of a vein, or afterwards to confirm or refute the perceived location of a vein.
- 1.3 When used properly the AV500 enables users to locate certain superficial veins in connection with venipuncture

2.0 BASIC USE AND OPERATION

2.1 Power On and Off

- 2.1.1 Press the purple button located on the left side of the AV500 to power on the AV500 and turn on the vein display light
- 2.1.2 Press the button again to turn the vein display light and device off

2.2 Controls

AV500 controls at a glance		
	Operate the device	
	Inverse setting Left button	The inverse setting inverts the vein projection such that the veins can be depicted by either green light over veins or darkness over veins and green light where veins do not appear. Changing the inverse setting may improve vein visibility and eye comfort level. Use the left button to invert the projection.
	Projection intensity Middle button 1 Low 2 Normal 3 Bright	The brightness of vein projection can be controlled using the brightness button.
	Time-out setting Time before unit automatically shuts off Right button 10 minute time out ∞ no time out	The time-out setting determines the amount of time until the vein display light turns off. This setting may help increase battery operation time of the AV500. To set the time, press the right button to go into the time-out menu. The time out can be set to ∞ (no time-out) or 10 minutes.

2.3 Charging the AV500

- 2.3.1 Place the AV500 in the charging cradle with the LCD facing outward to begin charging.
- 2.3.2 A battery charge icon will display when the AV500 is charging. The light on the charging cradle will turn on when a device is detected

