AccuVein®

The ripple effects of difficult sticks are felt by everyone.

At a busy hospital, difficult sticks can quickly trigger a cascade of clinical and operational issues. Escalation calls to other clinical staff not only delay treatment, they too often lead to more invasive procedures that may increase the risk of infections, catheter failure, longer hospitalizations, and other complications.

AccuVein's near-infrared (NIR) vein visualization technology is a simple, safe solution that can increase staff proficiency in PIVC assessment, help avoid patient complications, and address clinical and operational priorities.

INS
INFUSION NURSES SOCIETY
SETTING THE STANDARD FOR INFUSION CARE®

INFUSION THERAPY STANDARDS OF PRACTICE 2021
Use nIR light technology to assess peripheral venous sites and facilitate more informed decisions about vein selection (i.e. bifurcating veins, tortuosity of veins, palpable but nonvisible veins, location of venous valves).

MAKE MORE INFORMED DECISIONS
AccuVein improves visualization of superficial veins, bifurcations, and valves often invisible to the naked eye. Evidence has shown that AccuVein reduces procedure time by up to 78%.[1]

REDUCE ESCALATION CALLS
When AccuVein was implemented across various nursing units, (adult med/surg, ICU, pediatric, intermediate care), escalation calls to other resources decreased by 45%.[2]

PRESERVE VEIN HEALTH
With AccuVein, first attempt success rates increased to 92%.[1] Fewer sticks can prevent vessel depletion, protecting and preserving viable veins for future life-sustaining and potentially life-saving infusion therapy.[3]

IMPROVE PATIENT EXPERIENCES
The number one concern of hospitalized patients is pain associated with how many times they will be stuck with a needle.[4] AccuVein-guided procedures resulted in a 39% reduction in pain and a 45% reduction in patient stress associated with intravenous access.[5]

AV500 TECHNICAL ADVANTAGES

Hand-held: small and lightweight to support rapid assessment

Hands-free: can be easily inserted in a stand for assessment and cannula placement

Highly accurate and permanently aligned: no calibration required

Movement tolerant: high-speed image processing delivers real-time image, regardless of patient or clinician movement

Superior design: no skin contact required and no internal cooling fan or venting

Patented laser-generated image: eye-safe under all operating conditions

Works with all skin tones: uniform image

AV500 SPECIFICATIONS
*Reference or download user manual for detailed specifications at **learn.accuvein.com***

Weight	10 oz
Size	2" x 2.4" x 7.9"
Continuous Run Time	Approximately 2 hours
Maximum Charge Time	3 hours 45 minutes (varies based on discharge level)
Battery	Internal, rechargeable, Lithium Ion 3.6V / 3,100 mAh
Components Included	Desktop charging cradle, worldwide power supply (10w) / Ships in 1 box
Compatibility	Compatible with AV400 and AV300 Stands and Cradles / Charging may be slower using HF470

LASER 1 **VISIBLE AND INVISIBLE LASER RADIATION CLASS 1 LASER PRODUCT.** Wavelength 520 nm and 830 nm Pulse Energy 485nJ and 270nJ IEC/EN 60825-1:2014

ACCUVEIN STANDS

**UNPOWERED FLEX ARM
WITH CLAMP**
Part Number HF510

"Quick Cup" for easy in/out on all stands

**POWERED
WHEELED STAND**
Part Number HF580

**DESKTOP
CHARGING CRADLE**
Supplied with Purchase

Authorized Distributor: Sedation Resource, Inc - 800.753.6376

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3 Helm RE, Klausner JD, Klemperer JD, Flint LM, Huang E. Accepted but unacceptable: peripheral IV catheter failure. J Infus Nurs.2015; 38(3):189-203

4 Steere L, Ficara C, Davis M, Moureau N. Reaching One Peripheral Intravenous Catheter (PIVC) Per Patient Visit with Lean Multimodal Strategy: the PIV5Rights™Bundle. Journal of the Association for Vascular Access (2019) 24 (3): 31–43

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