The ripple effects of a difficult stick are felt by everyone.

IV placement is a routine but technically difficult procedure. Finding a suitable vein to access can be challenging, as veins are not always visible or palpable.

At a busy infusion center, the ripple effects of difficult sticks can include time-consuming escalation calls to other staff or resources, delays in starting treatment, and increased patient anxiety. AccuVein vein visualization is a simple solution to challenges that can disrupt schedules and impact patient and staff satisfaction.

**BETTER INFORMED DECISIONS**
AccuVein’s near-infrared (NIR) vein visualization reveals underlying superficial veins, bifurcations, and valves that are often invisible to the naked eye. Evidence has shown that AccuVein reduces procedure time by up to 78%. It may also minimize close and prolonged staff/patient contact.

**FEWER STICKS HELP PRESERVE VEIN HEALTH**
With AccuVein, first attempt success increased by 92%. Fewer sticks can prevent vessel depletion, protecting and preserving viable veins for future infusion therapy.

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

**No skin contact:** simply hold above area being assessed

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

**Works with all skin tones:** uniform image

**Superior design:** no internal cooling fan or venting

AV500 SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>10 oz</td>
</tr>
<tr>
<td>Size</td>
<td>2” x 2.4” x 7.9”</td>
</tr>
<tr>
<td>Continuous Run Time</td>
<td>Approximately 2 hours</td>
</tr>
<tr>
<td>Charge Time</td>
<td>2-4 hours (varies based on discharge level)</td>
</tr>
<tr>
<td>Battery</td>
<td>Internal, rechargeable, Lithium Ion 3.6V / 3,100 mAh</td>
</tr>
<tr>
<td>Components Included</td>
<td>Desktop charging cradle, worldwide power supply (10w) / Ships in 1 box</td>
</tr>
<tr>
<td>Compatibility</td>
<td>Compatible with AV400 and AV300 Stands and Cradles / Charging may be slower using HF470</td>
</tr>
</tbody>
</table>

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

For more information visit [accuvein.com](http://accuvein.com) or call us at +1 (816) 997-9400

2 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

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