AccuVein Found to Increase Venous Access Success in Infants and Toddlers

*Independent Study Shows Use of Vein Visualization Results in Fewer Sticks, Less Pain*

LONG ISLAND N.Y. (PRWEB) June 05, 2018 -- AccuVein Inc. (www.accuvein.com), the global leader in vein visualization, today announced the publication of a study that found the use of AccuVein vein visualization increases the success of peripheral IVs placement in children ages 0-3 years of age. The study evaluated the impact of AccuVein on the first attempt success rate, number of attempts to start an IV, the duration of the PIV procedure, and the pain levels of the children.

The study results showed striking improvements across all evaluated metrics. First attempt success rates, which tend to be low for infants and small children whose veins are small and difficult to access, increased from 40.7% without vein visualization to 74.1% with AccuVein, an 82% improvement.

The other metrics showed similar improvements: Number of attempts, or the number of times these infants and young children were stuck, were reduced by 40% (from 2.41 to 1.44 attempts); procedure time was reduced by 74% (from 169 seconds to 44 seconds); the pain level, which was evaluated by an observing nurse, showed a 43% reduction.

“We are thrilled that such definitive and overwhelmingly positive results were seen in these youngest of patients,” said AccuVein CEO Ron Goldman. “Infants present one of the biggest venous access challenges and this shows the significant impact AccuVein can have on minimizing their pain and improving their care.”

The study, “Impact of Peripheral Venous Catheter Placement with Vein Visualization Device Support on Success Rate and Pain Levels in Pediatric Patients Aged 0 to 3 Years” has been published in Pediatric Emergency Care, a respected peer-reviewed journal that is dedicated to the care of the ill or injured child.


About AccuVein Inc. AccuVein Inc. is the global leader in vein visualization technology. AccuVein’s flagship product, the AV400, is the world’s only hand-held, non-contact vein illumination solution. The device has won numerous awards including the prestigious Prism Award for Photonics Innovation. Healthcare professionals see a map of peripheral veins directly on the skin’s surface with the goal of accessing or avoiding veins. It is built on proprietary technology embodied in its growing patent portfolio on a broad range of imaging and medical diagnostic technologies. AccuVein is in use at more than 5,000 facilities and available for sale in over 130 countries worldwide. To see a demonstration of AccuVein in action, please visit [www.accuvein.com](http://www.accuvein.com).
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