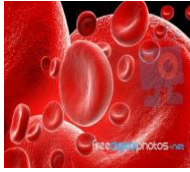


Near Infrared Imaging

Vein-Eye™



Biometrics



Optical Ultrasound Tomography™



Vein-Eye™

One in three vein puncture attempts result in failure in adults, and one in two attempts result in failure in pediatrics. **That translates to a 50% failure for first-time punctures in pediatrics.**

The failure rate of vein punctures ranges from 10% to 40% with critically ill patients, where time is of the essence and vein punctures are challenging.

There are an estimated 20,000,000 – 40,000,000 million vein punctures every day worldwide, with 2,700,000 every day just in the USA. The failure to stick a needle the first time causes pain to the patient and to the medical practitioner.



The Vein-Eye™ provides real-time video of sub-dermal veins located on various parts of the body, particularly the patient's arm or hand. The video displays a “runway” image of the patient’s vein, necessary for IV placements.

When a healthcare professional inserts a needle for an IV, it should be accomplished in a timely and safe manner. While vein illumination is important in every needle insertion, it is paramount if the patient is obese, young, aged, dehydrated, has collapsed veins, is Asian or has dark skin.

Below is a video of the Vein-Eye in use with a patient from Jamaica. His family has a history of painful vein punctures. <https://www.youtube.com/watch?v=cDiPYyO8L0g&feature=youtu.be>

For more information, please visit us at www.nearinfraredimaging.com or contact us at info@nearinfraredimaging.com