

VEINVIEWER BY LUMINETX®

SEEING IS BELIEVING.

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*Whether due to age, skin tone or condition, veins can be significantly difficult to locate and access in many patients.*



*VeinViewer by Luminetx® uses unique, patented technologies to help identify and locate subcutaneous veins and project their location directly onto the surface of the skin.*

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**“VeinViewer fulfills a basic principle -  
if I can see it, I can do it.”**

*- Steve Elias, MD, FACS, Director of the Center for Vein Disease, Englewood Hospital and Medical Center*

**VeinViewer®** | **GS**  
by Luminetx

# VEINVIEWER BY LUMINETX®

"Invention of the Year"  
- *TIME Magazine*

"Good news for patients and nurses"  
- *NBC Los Angeles*

## ENLIGHTENED PROCEDURES

Consider the pain and discomfort that is documented to be associated with venipuncture. Further, consider the resource impact of delayed and unsuccessful treatments and procedures.



Now consider the value of a system that allows you to clearly see accessible vasculature (or the lack thereof) in real time, directly on the surface of the skin. VeinViewer by Luminetx.

**"With VeinViewer, patients never need to feel like human pincushions again."**

*Richard A. Baum, MD, Chief of Interventional Radiology Brigham and Women's Hospital*

VeinViewer is a clinical tool designed to improve peripheral vascular access, allowing clinicians to visually assess the location and orientation of their patient's vessels directly on the surface of the skin.

Any clinician may operate the VeinViewer without additional certification. Hands are free to do the work. It's non-invasive, with no risk of tissue damage from the image. And there is no risk of cross-contamination because there is no patient contact with the device.

**There is nothing else like it.**

Using near-infrared light and other advanced technologies, VeinViewer is the only technology developed to locate subcutaneous vasculature and project real-time images of its location onto the surface of the skin.

For more illumination visit [veinviewer.com](http://veinviewer.com).



## VISIBLE RESULTS

"We use the VeinViewer for a million different things from IVs to PICC lines. We are expanding its use into pediatrics because children and babies have very small veins."

*- Richard A. Baum, MD  
Chief of Interventional Radiology  
Brigham and Women's Hospital*

"With VeinViewer, we have been able to avoid expensive and traumatic visits to the OR to obtain venous access. This translates into less risk to the patient and thousands of dollars saved."

*- Joel A. Saltzman, MD  
Medical Director, Anesthesia  
Le Bonheur Children's Hospital*

## STUDIES AND STATISTICS

**MOST PAINFUL** - Venipuncture is commonly seen as one of the most painful and frequently performed invasive procedures by nurses.<sup>1</sup>

**1 BILLION** - An estimated number of venipunctures performed annually.<sup>2</sup>

**90%** of inpatients require peripheral IV access and approximately **25%** of patients need central venous access.<sup>3</sup>

**2.4** - The current average number of penetrations performed in order to obtain successful catheter placement. In one study, the "number of penetrations ranged from 1 to at least 14."<sup>4</sup>

<sup>1</sup>Jacobson A. Intradermal normal saline solution, self-selected music, and insertion difficulty effects on intravenous insertion pain. *Heart and Lung: The Journal of Acute and Critical Care* 1999;28:114-122.  
<sup>2</sup>Grable HO, Gill GW. Phlebotomy puncture juncture: preventing phlebotomy errors - potential for harming patients. *Laboratory Medicine* 2005;36,7:420-33. <sup>3</sup>Horattas MC, Trupiano J, Hopkins S, et al. Changing concepts in long-term central venous access: Catheter selection and cost savings. *American Journal of Infection Control* 2001;29:32-40. <sup>4</sup>LaRue GD. Efficacy of ultrasonography in peripheral venous cannulation. *Journal of Intravenous Nursing* 2000;23:29-34.

"The VeinViewer technology is allowing us to perform venipuncture procedures with less attempts. Inserting IV's is less stressful for the parent, patient and the practitioner with the VeinViewer."

*- Susan Stacey, RN  
Nurse Manager, Pediatric Intensive Care Unit  
Sacred Heart Children's Hospital*

"VeinViewer allowed us to find veins and draw units from subjects whom we would not have been able to successfully draw without it."

*- Edward P. Scott, MD  
Medical Director and CEO  
Mid-South Regional Blood Center*



**"VeinViewer is a revolutionary technology that will greatly enhance patient care, safety and comfort."**

*- Gary Shorb, President and CEO, Methodist Healthcare*

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