

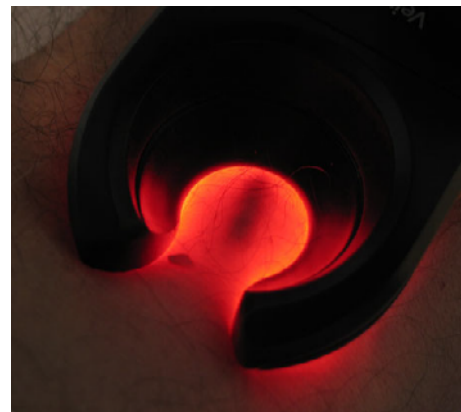
## Looking below the Surface with the VeinLite Transilluminator

By Norman M. Goldfarb

If you draw blood from study subjects, wouldn't it be nice to know exactly where the vein is? Now you can. TransLite's vein transilluminators (Table 1) help you see veins up to three millimeters (one-eighth inch) under the skin (Figure 1). Under the device's LED lights (Figure 2), veins appear as dark lines (Figure 1).

The devices include orange and red lights. The orange lights work better for shallow veins. The red lights work better for deeper veins and darkly-pigmented skin. Using both together usually provides the best results, but not always. Use the device to trace veins to undamaged areas, to find them in arms, legs and other areas, and to find where they approach the surface through adipose tissue. Use the device to stretch the skin and hold the vein in place while accessing the vein. Using the device avoids the need for tourniquets, substantially reducing the risk of ruptures in fragile veins. Disposable plastic covers (\$15/50) keep the device clean and germ-free. The devices come with a 30-day satisfaction guarantee.

**Figure 1. Illuminated Vein**



**Figure 2. VeinLite LED**



**Table 1. VeinLite Pocket Models**

Model	Features	Usage	Price
VeinLite LED	12 orange & 12 red lights. Light selector switch. Rechargeable.	Adults & children. Optional pediatric adaptor.	\$449
VeinLite EMS	8 orange & 8 red lights. Battery-powered.	Adults & children. Optional pediatric adaptor.	\$240
VeinLite PEDI	8 orange & 4 red lights. Battery-powered.	Babies. Use adaptor to illuminate through a small limb.	\$220

Potential subjects who cringe at the thought of blood draws may be more willing to enroll in a study after a demonstration of the VeinLite.

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