

Veinlite® LED, Veinlite EMS and Veinlite PEDI

TransLite LLC offers three hand-held transilluminators for use during vein access. These devices all use TransLite's patented side-transillumination method for imaging veins anywhere on the body. A unique C-shaped ring design gives uniform illumination of a small region of tissue. To achieve the best contrast for vein imaging, bright orange light (for strong illumination) is combined with deep red light (for high penetration of dark pigmented skins). Veinlites not only help find the vein, they can also close it, prevent rolling and stretch the skin for easy access without a tourniquet. Specially designed light shields snap on to the units to stop interference from overhead light. Pediatric or neonate adapters can be used to cone down the light area for use with children or neonates. All models come with disposable plastic covers to prevent infection.

Veinlite LED

Veinlite LED is our most powerful hand-held device designed for general vein access in adults and children. It can also be used to map veins during sclerotherapy. It is rechargeable and has 24 LEDs (12 orange and 12 red). Two switches are used to select either or both colors for optimum vein imaging in all skin types. The Veinlite LED kit includes disposable plastic covers, battery charger, a snap-on pediatric adapter and a snap on light shield attachment.

Veinlite EMS

Veinlite EMS is a simpler version of the Veinlite LED that uses 16 LEDs (8 orange and 8 red). It is a lower cost option for vein access in adults and children and is well suited to emergency response teams. The Veinlite EMS uses 2 AA alkaline batteries and has a single switch to illuminate both orange and red LEDs. The Veinlite EMS kit includes disposable plastic covers, 2 AA batteries, a snap-on pediatric adapter and a snap-on light shield attachment.

Veinlite PEDI

Veinlite PEDI our smallest vein transilluminator now available on the market. It is designed for babies and neonates. The Veinlite PEDI has 12 LEDs (8 orange and 4 red) and one CR2 lithium battery. Two switches allow for selection of either or both colors for optimum vein imaging in the smallest patients. A snap-on neonatal adapter is designed to shine six closely packed LEDs through a small opening for safe through-the-body transillumination of small limbs in neonates. The Veinlite PEDI kit includes disposable plastic covers, CR2 battery, a snap-on neonatal adapter and a snap-on light shield attachment.

Comparison of Veinlite LED, Veinlite EMS and Veinlite PEDI			
Features	LED	EMS	PEDI
Application	Adults/Children	Adults/Children	Babies/Neonates
Number of LEDs	24	16	12
Color of LEDs	Orange (12) + Red (12)	Orange (8) + Red (8)	Orange (8) + Red (4)
Color Selection	Yes	No	Yes
Number of Switches	2	1	2
Ring Diameter (mm)	21	21	14
Battery Charger	Yes	No	No
Batteries	Lithium-ion Rechargeable	2 AA Alkaline	CR2 Lithium
Battery Life (min)	90/180 (24/12 LEDs)	400	200
Pediatric Adapter	Included	Included	Neonate Adapter Included
Light Shield	Included	Included	Included
Size (mm)	95 x 55 x 21	115 x 55 x 21	67 x 42 x 21
Weight Including Battery	71 gm	108 gm	41 gm

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