

Veinlite EMS Pro®

DIRECTIONS FOR USE



Description

The Veinlite EMS PRO® is a hand-held battery powered illumination device for finding veins and assisting in vein access. It has two modes of operation: surface illumination using 2 bright white LEDs and side-transillumination using 18 orange plus 6 red LEDs. The Veinlite EMS PRO uniformly illuminates a small region of skin and subcutaneous tissue, anywhere on the body. The design of the Veinlite EMS PRO is such that during vein access, the vein is visualized, skin is stretched and the vein is secured to keep it from rolling.

INDICATIONS

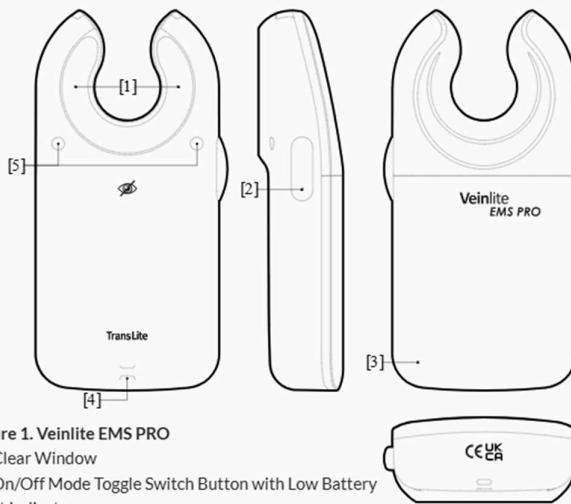


Figure 1. Veinlite EMS PRO

- [1] Clear Window
- [2] On/Off Mode Toggle Switch Button with Low Battery Light Indicator
- [3] Battery Cover
- [4] Lanyard Hole
- [5] Exam Light

Intended Use/Indications

- Examining the skin surface, finding veins and assisting in vein access in all patient populations
- Venous access in patients with a history of difficult venous access or fragile veins
- Easier visualization of veins in dark skinned patients


Contraindications


- When used for internal examination
- When used without the disposable plastic cover
- Not to be used near magnetic or electromagnetic fields

Specifications


Number of LEDs	18 Orange 6 Red 2 White
Weight with battery	108g
Dimensions	116 x 55 x 23 mm
Battery	2x AA Alkaline


EXPLANATION OF SYMBOLS

 Model Number


 Serial Number


 Manufacturer

 EC Representative (EU Only)


 Do not dispose of as unsorted municipal waste


 Temp -20C/68F to +50C/122F

 Humidity 45-80%

 Pressure 500 - 1060hPa


 Keep dry


 Manufacturer date

 Do Not Reuse
Do Not Sterilize

 Electronic instructions available

 Medical Device

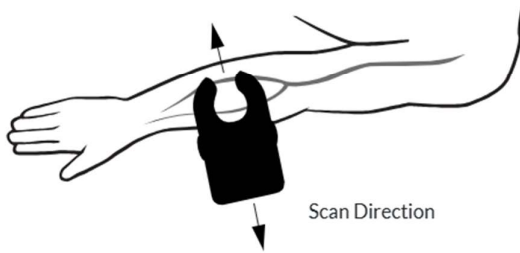
 MR Unsafe

 Not made with natural rubber latex

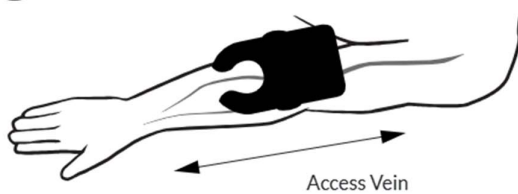
OPERATION

- Place the EMS PRO against patient's skin with LED side in direct contact with skin perpendicular to vein direction. Apply gentle pressure to maintain optimal skin contact.
- To turn on LEDs, press opaque button located on left side of the device.
- Press button a second time to switch on white LEDs for surface illumination.
- Press button a third time to turn off.

- To scan for veins, place device against skin *perpendicular* to vein direction. Scan it forward and backward. Veins will be visible as dark lines due to transillumination.

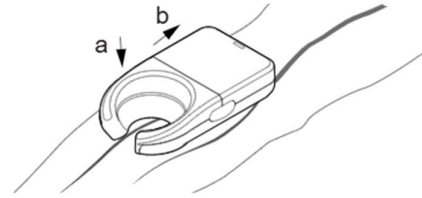


- Once a suitable vein has been identified, rotate device 90°, parallel to vein.

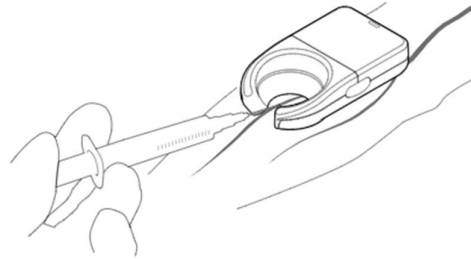


- Apply gentle pressure on the Veinlite EMS PRO to secure the vein.

- Push back the EMS PRO slightly to stretch skin and provide traction.



- Insert needle into vein, through the opening of device. NOTE: Discard single-use disposable plastic cover after each patient.



WARNING

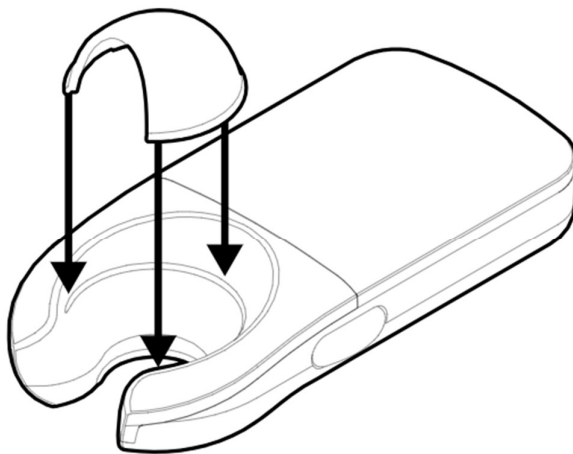
DO NOT SHINE THE LED LIGHTS
IN THE PATIENT'S EYES.

ATTACHMENTS

Two patented* attachments are included with the EMS PRO. The diagrams below indicate how to attach the light shield and pediatric adapter.

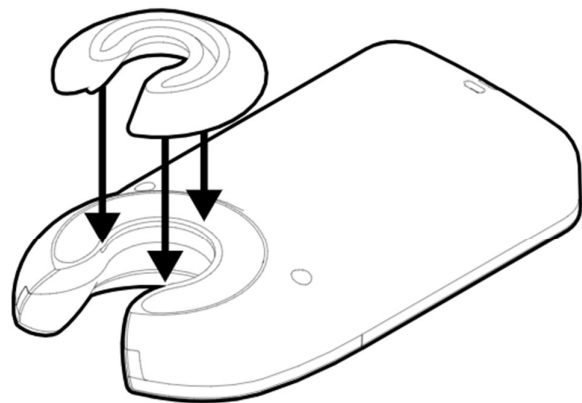
A. Veinlite EMS PRO Light Shield

Snap-on light shield to reduce interference from bright overhead lighting.



B. Veinlite EMS PRO Pediatric Adapter

Snap-on pediatric adapter to reduce size of viewing area.

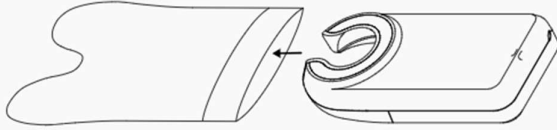


USING THE DISPOSABLE PLASTIC COVERS

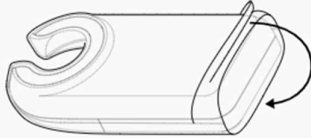
Single-use disposable plastic covers (Product #VEMS-DPC) for the EMS PRO **MUST** be used when device is placed in contact with patient's skin.

CAUTION: These plastic covers are not sterile. They should be wiped with a germicidal wipe prior to use.

- Before using Veinlite EMS PRO, place it inside the disposable cover with the flap on the same side as the LEDs.



- Pull the flap over the device to the other side.



- Wipe the LED side of the Veinlite EMS PRO and any part of it coming in contact with the patient, with a medically approved germicidal wipe.

Precautions

- Avoid using alcohol on the clear plastic window as this may cause fogging.
- Do not immerse the device in liquid.
- Do not autoclave the device.

[Click here to re-order EMS PRO disposable plastic covers. US customers only.](#)

WARNING

Veinlite EMS PRO is designed for external examination only.

To avoid contamination, the EMS PRO must be used with disposable plastic covers.

To avoid spread of infection, always change the disposable plastic cover between patients and wipe the new cover with germicidal wipes.

EMS PRO is intended for use only by clinicians trained in performing vascular access, or under the supervision of a clinician.

Do not look directly into LEDs while on.

Contact Translite about adverse event in relation to this device. Should adverse event occur in E.U., notify EU Competent Authority.

Cleaning Instructions

Cleaning is not required when disposable covers are properly used. Germicidal wipes, used sparingly, may be used to clean device if needed. Do not submerge the unit in liquid.

BATTERY INSTRUCTIONS

Multi-Color Low Battery Indicator

The EMS PRO is powered by two AA alkaline batteries. Batteries provide between 3-5 hours of continuous use depending on setting and type of battery used.

When batteries run low, a red blinking light will be visible beneath the button [2]. A red blinking light indicates approximately one hour of battery life remaining.

Installing or Replacing Batteries

To install or replace batteries, press firmly on the battery cap [3] and slide off.

Remove any used batteries. Install two new AA batteries, oriented as indicated. Slide the battery cover back into place.

WARRANTY INFORMATION

The Veinlite EMS PRO has a one-year parts and labor warranty. Please provide serial number, located under battery or outside of box, when you contact Translite for any warranty issues. The warranty is valid only if the Veinlite EMS PRO is used according to the manufacturer's instructions. Before returning for repair, you must call or e-mail TransLite to obtain a return authorization code and shipping information before sending your device. No refunds will be given for unauthorized shipping.