



## VEIN SHOWING SYSTEM

- Color display of blood vessel depth
- More realistic blood vessels
- Clearer small blood vessels
- More rounded edges of vessels

### V-SHOW-**HD** SERIES New Arrival

NEW



The near-infrared Vein Showing System is an auxiliary medical device designed to assist healthcare professionals in locating veins. It works by using near-infrared light, which is absorbed more by blood hemoglobin than by surrounding tissues. This contrast allows the system to create a real-time image of the veins beneath the skin. The processed image is then projected onto the skin's surface, clearly displaying the location of subcutaneous veins. This technology helps improve the accuracy of vein access procedures, making them more efficient and reducing patient discomfort.

#### **Clinical Applications:**

**Vein Assessment:** The system allows healthcare professionals to observe important vein characteristics, such as thickness, straightness, length, bifurcation, and depth, making it easier to quickly identify the most suitable vein for puncture.

**Blood Flow Evaluation:** It aids in assessing the fullness of blood flow and determining its direction within the veins, enhancing the accuracy and efficiency of venipuncture procedures.

**Puncture Tool Selection:** By providing detailed vein information, the system helps medical staff choose the most appropriate puncture tools, ensuring the protection of the patient's veins and minimizing the risk of complications.

**Surgical Support:** The system supports varicose vein surgeries by allowing for the observation of vein closure, which helps in the precise execution of the procedure.

**Edema Evaluation:** It also assists in evaluating the level of edema by assessing swelling in patients, which is crucial for effective treatment planning.

# V-SHOW-HD

VEIN SHOWING SYSTEM



## Functional Configuration

Model	V-SHOW-HD1	V-SHOW-HD2
Support type	trolley	desktop stand
Intelligent sleep and wake-up	✓	✓
Photo storage/Video storage	✓	✓
3D vein depth indication	✓	✓
Case management	✓	✓
Enhanced mode	✓	✓
Projection brightness, size, and color switching	✓	✓
Adjustable bracket height	✓	✓



## Special Features

- ▶ Global vessel depth indication
- ▶ Best puncture point indication
- ▶ Pioneering 3D color imaging (Invention Patent Technology)

## Product application scopes



### Vascular Surgery

PICC operation;  
Varicose veins of lower extremity operation;  
Venipuncture in hemodialysis patients;  
Venipuncture in patients with vascular atrophy;



### Plastic Surgery

Botox injection;  
Hyaluronic acid injection;



### ICU

Venipuncture in edema patients or obese patients;



### Neonatology/ Pediatrics

Outpatient infusion or blood drawing;



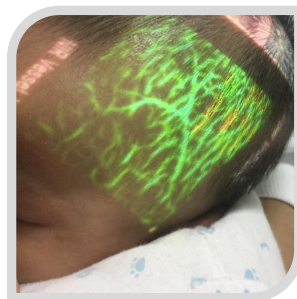
### Examination Department

Endoscope Room, Intravenous anesthetic injection;  
CT/MRI Room, Contrast media injection;

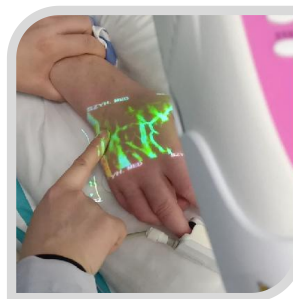
## Product clinical application cases



Vascular search in vascular atrophy



Infant vascular search



Vascular search in patients with edema



Vascular search in dark-skinned people