

# VIVASCOPE

non-invasive cellular imaging of the skin



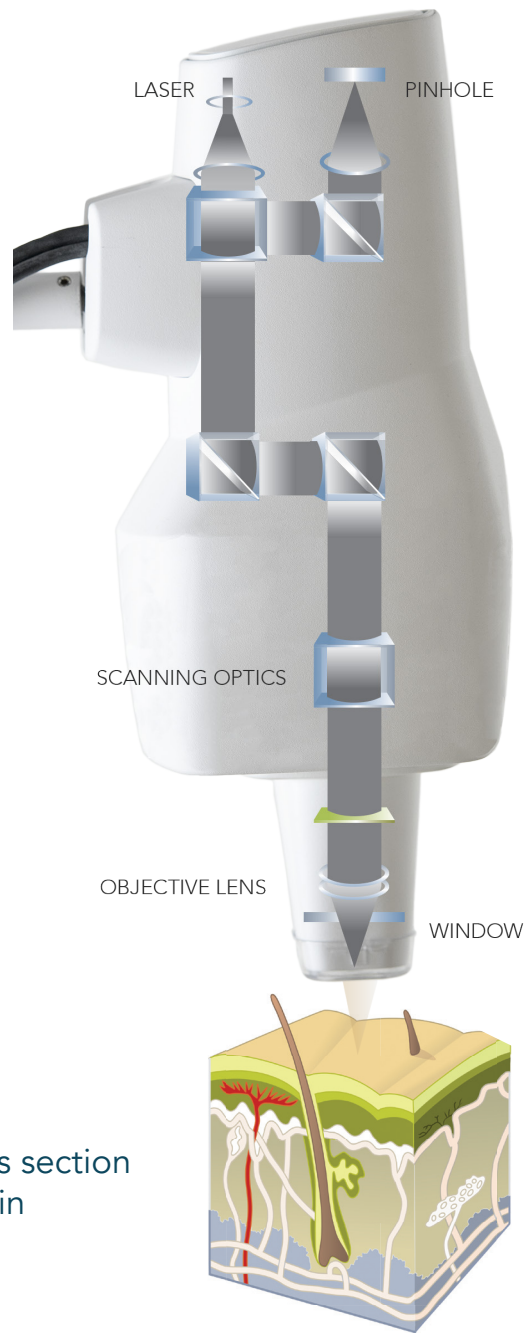
VIVASCOPE

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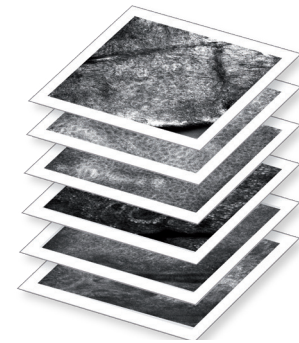
# CONFOCAL IMAGING



Cross section of skin

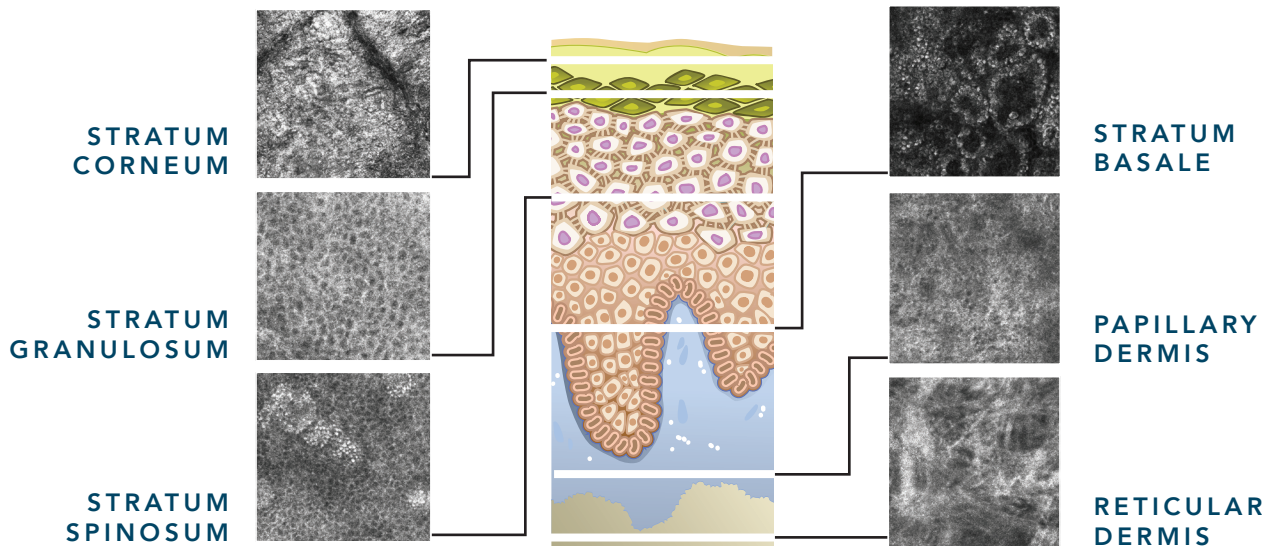
## CONFOCAL IMAGING

VIVASCOPE® systems are in vivo confocal imaging tools that use a low-powered laser to provide non-invasive, real-time, high-resolution images of the epidermis and the superficial collagen layers.\* The system captures the natural reflectivity of different cellular structures that can offer important information that may be useful in forming a clinical judgment.



Confocal image stack

## HOW A CONFOCAL IMAGE CORRELATES TO A TRADITIONAL PERSPECTIVE





## VIVASCOPE 1500

ability to image up to an 8 x 8 mm area

The VIVASCOPE 1500 reflectance confocal imaging system offers a non-invasive way to image the skin in vivo from the surface to the superficial collagen layers.\*

### HIGHLIGHTS

- Capture up to 8 x 8 mm images
- Macro and micro imaging
- FDA 510(k) cleared\*\*

### KEY SPECIFICATIONS

**Mapped Field:** 8 x 8 mm in both the X & Y directions

**Single Frame FOV:** 500  $\mu\text{m}$  x 500  $\mu\text{m}$

**Displayed Image Resolution:** 1024 x 1024 pixels

**Depth of Imaging:** Superficial collagen layers\*

**Image Formats:** Native DICOM files exportable as: BMP, PNG, JPEG, and TIFF

## VIVASCOPE 3000

flexible hand-held confocal imaging device

The VIVASCOPE 3000 is a flexible, hand-held in vivo reflectance confocal microscope for skin imaging. This imaging tool allows the operator to freely navigate the device across the skin while delivering stable, repeatable, high quality cellular-resolution images of epithelium of the skin and supporting stroma.

### HIGHLIGHTS

- Real-time video capture and stacks
- Flexible, handheld device
- FDA 510(k) cleared\*\*

### KEY SPECIFICATIONS

**Single Frame FOV:** 750  $\mu\text{m}$  X 750  $\mu\text{m}$

**Displayed Image Resolution:** 1024 X 1024 pixels

**Frame Rate:** 6 frames per second

**Image Formats:** Native DICOM files exportable as BMP, PNG, JPEG, and TIFF





The VIVASCAN software is designed to provide physicians the ability to review images at the bedside or transfer them to a remote physician using the VIVANET communications system.

## VIVASCAN

VIVASCAN software incorporates comprehensive features that allow users to acquire, transfer, display, review, and store images, in one, easy-to-use dashboard. Additionally, VIVASCAN makes it easy to schedule patients for exams, perform imaging exams on one or more areas during a single patient visit, and retrieve images associated with the patient’s history.

### EXPERIENCE VIVASCOPE

#### Examine

Areas of interest are identified by the patient and/or the physician.

#### Image

Captures high-resolution cellular images of epithelium of the skin and the supporting stroma.

#### Review/Collaborate

Using the VIVANET communication system, physicians can easily review or share images.



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\*Depending on tissue

\*\*The VIVASCOPE System is intended to acquire, store, retrieve, display and transfer in vivo images of tissue, including blood, collagen and pigment, in exposed unstained epithelium and the supporting stroma for review by physicians to assist in forming a clinical judgment.