

IN VIVO IMAGING

VIVASCOPE

VivaScope

In Vivo – A window into the skin

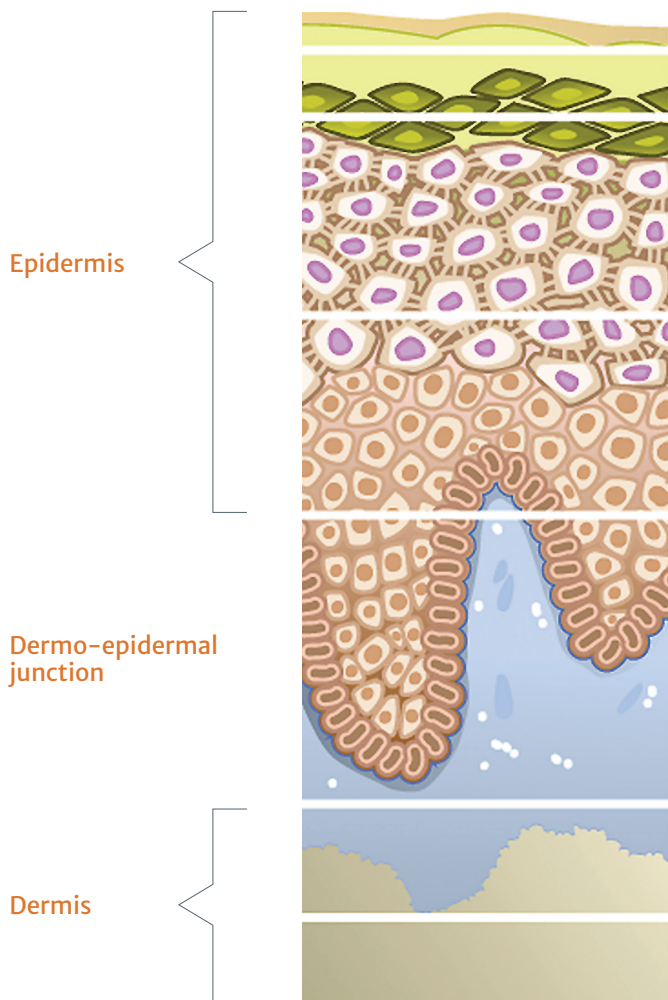


VivaScope 1500/3000

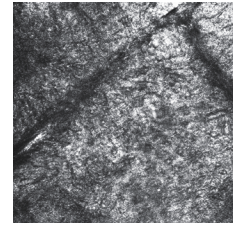
www.vivascope.com

Layer by layer – Journey through the skin

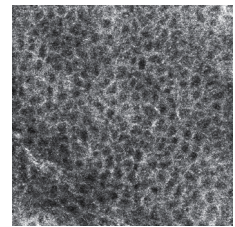
VIVASCOPE® systems are in vivo confocal imaging tools that use a low-powered laser to provide non-invasive, real-time, high-resolution images of the epidermis and the superficial collagen layers.* The system captures the natural reflectivity of different cellular structures that can offer important information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



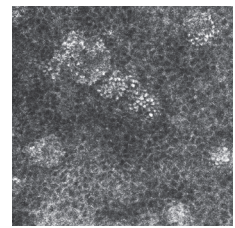
Horny layer
Stratum corneum



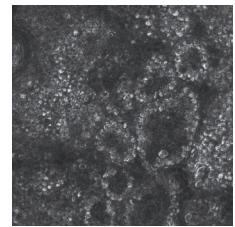
Granular-cell layer
Stratum granulosum



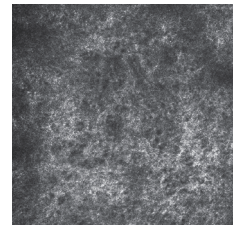
Prickle-cell layer
Stratum spinosum



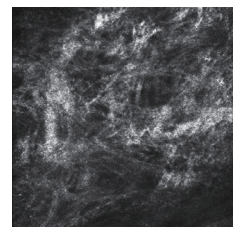
Basal layer
Stratum basale



Papillary dermis
Stratum papillare



Superficial dermis
Stratum reticulare





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 μm x 500 μm

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 μm X 750 μm

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.

SOLUTION



CE 0459

© 2018 Caliber Imaging & Diagnostics

*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.

Caliber Imaging & Diagnostics, Inc.

50 Methodist Hill Dr, Suite 1000 | Rochester, NY 14623

Phone: 585.239.9800 | Fax: 585.239.9806