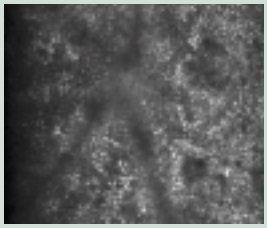
VivaScope1000

Imaging at the cellular level. Peace-of-mind at the patient level.

"I wish there were another option for her before biopsy."

The VivaScope® 1000 makes it possible to:

- Support pathologic screening without histology



- Aid treatment with timely information
- Receive results at the time and place of care

The VivaScope® 1000 is a laser confocal microscope capable of imaging living tissue at the cellular level. A non-invasive pathological examination capable of providing medical practitioners with information at the point and time of care to more rapidly proceed down the path to diagnosis and treatment.

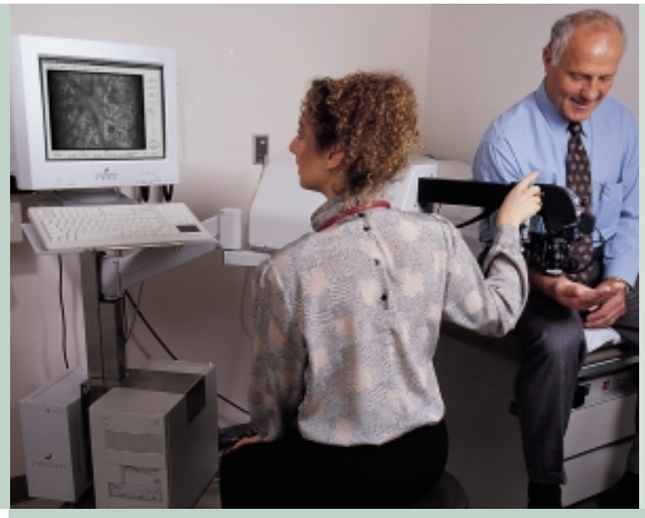
LUCID™

VivaScope1000

Imaging at the cellular level. Peace-of-mind at the patient level.

Non-invasive treatment in dermatology and many other medical specialties has come a long way. But too often the assessment of a lesion still begins with an invasive procedure. Now there is a non-invasive solution for pathological visualization of living tissue.

The VivaScope® 1000 can give you a “window” into living tissue right in a clinical setting. Just as MRI and CT scans provide a rapid and non-invasive means to image the gross anatomical structures of the body, VivaScopy℠ provides rapid, non-invasive in vivo images showing cellular and nuclear detail and morphology. The VivaScope® 1000 delivers just what physicians need and patients want most…effective and comforting options.



Real-time in vivo cellular imaging aids pathological screening without histology.

The VivaScope® 1000 supports your:

- Characterization of normal skin morphology, including vascularity
- Characterization of non-pigmented lesions
- Characterization of pigmented lesions
- Quantitative skin morphometry
- Evaluation of vascular lesions
- Establishment of laser treatment parameters
- Study of wound healing
- Evaluation of psoriatic plaques
- Evaluation of allergic response
- Study of photo-aging
- Characterization of oral mucosa

Using the VivaScope® 1000’s cellular imager based on near infrared confocal microscopy, you can observe cellular and nuclear structures in living tissue one cell layer at a time. You can now produce images of thin virtual sections of skin or other exposed tissues without biopsy.

Cellular level imaging

VivaScopy℠. How it works and what it can do for you.

The VivaScope® 1000 images naturally occurring refractive index variations in tissue without the use of stains. For in vivo imaging of skin, both keratin and melanin serve as natural contrast agents. Because of this, the VivaScope® 1000 can effectively image pigmented lesions and keratinized tissue.

The VivaScope® 1000 images the in vivo morphology of exposed unstained epithelium and the supporting stroma to provide physicians with information to assist them in formulating a clinical judgement. The VivaScope® 1000 supplements other information typically available to the clinician which includes the patient’s clinical history, the gross presentation of the lesion compared to adjacent tissue, a macroscopic survey of the lesion and a magnified view of the lesion morphology. The VivaScope® 1000 adds to this knowledge by providing information about tissue morphology with cellular resolution at a higher magnification and at different depths through the tissue.

TelepathNet: The Internet links practitioners to pathologists. Lucid archives images and generates reports.

Telepathology: Timely information to aid treatment. Results at the time and place of care.

Living tissue is the key to understanding.

The VivaScope® 1000’s real-time images can lead to fundamental understanding of the skin, including: disease, healing mechanisms, allergic response, treatment and treatment parameters, photo-aging and other conditions.

VivaScope® images are displayed at video rates, making investigation of real-time biological processes such as capillary blood flow and extravasation of macrophages possible. And because VivaScopy℠ is non-invasive, you can repeatedly image the same tissue site opening up new research opportunities of long-term processes such as melanin production and wound healing.

TelepathNet

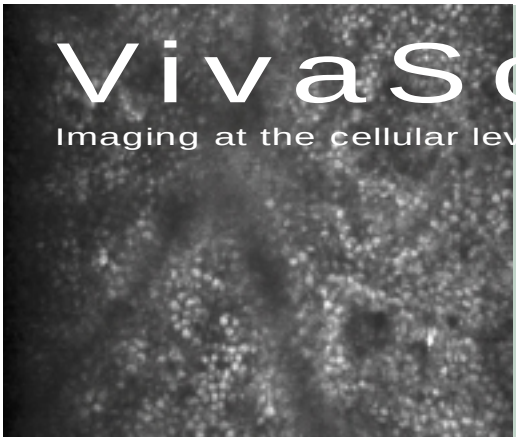
Cellular imaging. Immediate, point of care pathology. Internet ease.

Because VivaScope® images provide information similar to traditional histology, Lucid provides TelepathNet to link surgeons and pathologists in near real-time. Timely information and results at the point and time of care can mean improved control for the physician and improved treatment for the patient. Learn more at www.telepathnet.com.

VivaScope2000

Video imaging in real-time. Pathology results in no time.

The VivaScope® 2000 is a laser confocal microscope capable of imaging unaltered, excised tissue at the cellular level. A real-time complement to histology capable of providing pathologists, and surgeons, primary care physicians and their patients with information at the point and time of care without any freezing, sectioning, staining or fixing.



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The VivaScope® 1000 is a laser confocal microscope capable of imaging living tissue at the cellular level. A non-invasive pathological examination capable of providing medical practitioners with information at the point and time of care to more rapidly proceed down the path to diagnosis and treatment.

For more information about Lucid, Inc., VivaScopy℠, The VivaScope® 1000 or our Telepathology service, contact us at 716-359-7260 or visit www.lucid-tech.com today.

VIVASCOPE™ 1000

LUCID™

Image in Moments. Information in Time.

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