Cellvizio®
the Fastest Way to See Cancer™
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Cellvizio is an endomicroscopy system which generates optical biopsies, providing physicians with microscopic images of tissue instantaneously and in a minimally invasive manner. This enables them to determine whether the tissue is benign or malignant.

Can you afford to wait?

“The term ‘optical biopsy’ refers to methods that use the properties of light to enable the operator to make an instant diagnosis at endoscopy, previously possible only by using histological or cytological analysis. This (traditional) method of evaluation creates a significant delay in diagnosis, introduces the possibility of sampling error, and adds to the risk and cost of the procedure.”

Thomas D. Wang, MD, PhD
Associate Professor, Gastroenterology
University of Michigan, USA

1. Wang TD. et al., Optical Biopsy: A New Frontier in Endoscopic Detection and Diagnosis, Clinical Gastroenterology and Hepatology, 2004
Optical biopsies provide benefits at each patient management stage, enabling physicians to:

- Surveillance and treatment of Barrett’s Esophagus\(^2-^5\)
- Characterization of pulmonary lesions\(^6,^7\)
- Detection of biliary\(^8-^{10}\) and pancreatic\(^{11,^{12}}\) cancers
- Treatment and monitoring of Inflammatory Bowel Diseases\(^{13,^{14}}\)
- Follow up of colorectal EMR\(^{15}\)
- Detection and treatment of bladder cancer\(^{16,^b}\)
Each patient management stage, enabling physicians to:

• Detect more cancers and pre-cancerous conditions\textsuperscript{2-16}
• Trigger instantaneous intervention\textsuperscript{2, 4, 5, 15}
• Pick the right treatment modality\textsuperscript{2, 4, 5}
• Prescribe the right drug\textsuperscript{13, 14}
• Delineate resection margins\textsuperscript{2, 4, 5, 15}
• Monitor treatment response\textsuperscript{5, 13}
• Assess completeness of resection\textsuperscript{2, 4, 5, 15}
• Manage recurrent or residual disease\textsuperscript{4, 5, 15}

The following clinical studies have demonstrated the benefits of Cellvizio in various indications:

2. Sharma P. et al., Real-time Increased Detection of Neoplastic Tissue in Barrett’s Esophagus with probe-based Confocal Laser Endomicroscopy: Final Results of a Multi-center Prospective International Randomized Controlled Trial. GIE, 2011.
Because an endoscope can go anywhere, but not show everything.
Because a microscope can show everything, but can’t go anywhere.
With Cellvizio, a microscope is threaded through an endoscope.
This is called endomicroscopy.

1. Area of interest identified during endoscopic procedure. A Cellvizio miniprobe is introduced into the working channel of an endoscope
2. The miniprobe appears on an endoscopic image and is positioned in contact with the mucosa
3. A Cellvizio video is displayed in real-time. As many relevant optical biopsies as appropriate are recorded and saved

Instantaneous images enable the physician to make immediate patient management decisions

Dr. Helga Bertani, Nuovo Ospedale Civile S. Agostino - Estense, Modena, Italy and Dr. Michel Kahaleh, Weill Cornell Medical College, New York, USA, performing a probe-based confocal laser endomicroscopy (pCLE) procedure with Cellvizio®
Cellvizio®

• Over 370 publications and clinical studies validate the accuracy and impact of endomicroscopy
• Over 11,000 patients in more than 30 countries have benefited from Cellvizio
• A list of physicians routinely performing optical biopsy is available
• Interested physicians are welcome to experience optical biopsy routinely performed by Cellvizio users

Can you afford to wait?

Intended use

The Cellvizio® 100 Series System with Confocal Miniprobes is a confocal laser system with fiber optic probes that is intended to allow imaging of the internal microstructure of tissues in anatomical tracts, i.e., gastrointestinal or respiratory, accessed by an endoscope or endoscopic accessories.

The Cellvizio System is a regulated Medical Device, CE marked (Class IIa - NB : LNE/GMED) and FDA cleared.

Product availability cannot be guaranteed in all countries. For further information please contact your local sales representative. Specifications are subject to change without prior notice and without any obligation on the part of the manufacturer.

a. The confocal miniprobe for use in solid organs adjacent to the gastrointestinal and respiratory tracts (AQ-Flex™) is CE marked but has not been cleared by the FDA.

b. The confocal miniprobe for use in the urinary tract (UroFlex™) is CE marked but has not been cleared by the FDA.

Please consult labels and instructions for use.

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