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# Confocal Laser Endomicroscopy

National Cancer Institute

## Source

National Cancer Institute. *Confocal Laser Endomicroscopy*. NCI Thesaurus. Code C116477.

An investigative technique that permits high-resolution assessment of the histology of an endoluminal surface at a cellular and sub-cellular level. The technique is based upon the principle of illuminating a tissue with a low-power laser and then detecting fluorescent light reflected from the tissue. The laser is focused at a specific depth and only light reflected back from that plane is refocused and able to pass through the pinhole confocal aperture, increasing spatial resolution.