

Optical Technology Platform For Cancer Screening And Detection

Northwestern University



American BioOptics LLC (ABO) is a medical device company founded to commercialize a novel optical technology platform for cancer screening and detection. This technology shines light inside the colon and analyzes how the reflected light interacts with the lining of the colon.

“ This interaction provides unique insight into abnormalities in healthy appearing tissue that are too small to be seen with an endoscope or microscope.

Based on a patented discovery at Northwestern University and NorthShore University HealthSystem, this technology is now harnessed in a commercial-ready mobile instrumentation system and highly sensitive, easy-to-use, minimally invasive test for screening for colorectal cancer (CRC).

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