Colorectal Lesions Surveillance
Guiding Disease Characterization

Problem statement
• Colorectal cancer is the 3rd most common form of cancer worldwide\(^1\)
• Patients at risk need to undergo regular surveillance\(^1\)

Current solution and limitations
• Repeated colonoscopies with systematic polyp resection and histologic examination\(^1,2,3\) is the standard of care, although nearly half of all polyps are hyperplastic\(^2\)
• Polypectomy is still the main cause of complication of colonoscopy with associated risks and costs\(^2\)
• Therefore, scientific societies are now considering new patient management approaches ("Resect and discard")\(^4\)

Cellvizio advantages
Clinical studies have demonstrated that pCLE
• Can facilitate a comprehensive disease characterization with differentiation between non-neoplastic and neoplastic polyps\(^2,6,7\)
• Has a short learning curve and high inter-observer agreement\(^8,9\)
• Enables real-time and offline image interpretation with a statistically equivalent accuracy\(^10\)

Cellvizio is a unique opportunity to streamline patient management \(^2,7\)
References


2. Vivian M. Ussui and Michael B. Wallace, Confocal endomicroscopy of colorectal polyps, Gastroenterology Research and Practice Volume 2012, Article ID 545679, 6 pages


8. V. Gómez, A.M. Buchner, E. Dekker, et al., Interobserver agreement and accuracy among international experts with probe-based confocal laser endomicroscopy in predicting colorectal neoplasia, Endoscopy2010;42:286-291


The Cellvizio 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 gastrointestinal tracts, accessed by an endoscope or endoscopic accessories. The Cellvizio System is a regulated Medical Device CE marked (Class IIa - NB : LNE/G-MED) and FDA cleared. Please consult labels and instructions for use.