

List of References and Acknowledgments



References:

The following references have shown the benefits of optical biopsy and validated the criteria of interpretation that are commonly used.

Barrett's Esophagus:

- Gaddam S. et al. Novel probe-based confocal laser endomicroscopy criteria and interobserver agreement for the detection of dysplasia in Barrett's esophagus. Am J Gastroenterol, 2011
- 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
- Bertani H. et al. Improved detection of incident dysplasia by pCLE in a Barrett's Esophagus surveillance program. Digestive Disease Science, 2012
- Konda V.J. et al. Confocal Laser Endomicroscopy: potential in the management of Barrett's Esophagus. Diseases of the Esophagus, 2010
- Johnson E.A. et al. Probe-based Confocal Laser Endomicroscopy to Guide Real-Time Endoscopic Therapy in Barrett's Esophagus with Dysplasia. Case Rep. Gastroenterology, 2012

Gastric lesions:

- Li W.B. et al. Diagnostic value of confocal laser endomicroscopy for gastric superficial cancerous lesions. Gut. 2011
- Guo Y.T. et al. Diagnosis of Gastric Intestinal Metaplasia with Confocal Laser Endomicroscopy In Vivo: a Prospective Study. Endoscopy, 2008
- Bok G.H. et al. The Accuracy of Probe-based Confocal Endomicroscopy versus Conventional Endoscopic Biopsies for the Diagnosis of Superficial Neoplasia (with videos). GIE, 2013
- Li Z, Zuo XL, Li CQ, et al. New Classification of Gastric Pit Patterns and Vessel Architecture Using Probe-based Confocal Laser Endomicroscopy. J Clin Gastroenterol. 2015.

Biliopancreatic strictures:

- Meining A. et al. Classification of probe-based confocal laser endomicroscopy findings in pancreaticobiliary strictures. Endoscopy. 2012
- Caillol F. et al. Refined probe-based confocal laser endomicroscopy classification for biliary strictures: the Paris Classification. Dig Dis Sci. 2013
- Klavan H. et al. Pancreaticobiliary Submucosal Anatomy Redefined: A Comprehensive Histologic Analysis of Specimens and Probe-Based Confocal Laser Endomicroscopy. Gastroenterology. 2013
- Meining et al. Detection of Cholangiocarcinoma in vivo using miniprobe-based Confocal Fluorescence Microscopy. Clinical Gastroenterology and Hepatology, 2008
- Meining A. et al. Direct Visualization of Indeterminate Pancreaticobiliary Strictures using Probe-based Confocal Laser Endomicroscopy - A multi-center experience. GIE, 2011
- Giovannini M. et al. Results of Phase I-II study on Intraductal Confocal Microscopy in Patients with Common Bile Duct Stenosis. Surgical Endoscopy, 2011

Pancreatic cysts:

- Meining A. et al. An International, Multi-center Trial on Needle-based Confocal Laser Endomicroscopy (nCLE): Results from the In vivo nCLE Study in the Pancreas with Endosonography of Cystic Tumors (INSPECT). Presented at DDW 2012

- Konda V.J. et al. A pilot study of in vivo identification of pancreatic cystic neoplasms with needle-based confocal laser endomicroscopy under endosonographic guidance. Endoscopy. 2013
- Napoléon B. et al. Interest of Needle-based Confocal Laser Endomicroscopy for the diagnosis of serous cystadenoma (CONTACT study). Poster at DDW 2013
- Giovannini M. et al. Feasibility of intratumoral confocal microscopy under endoscopic ultrasound guidance. Endoscopic Ultrasound, 2012

Pancreatic masses:

- Giovannini M. et al. Clinical evaluation of needle-based Confocal Laser Endomicroscopy (nCLE) for the diagnosis of pancreatic masses. Poster at DDW 2013

Lymph nodes:

- Caillol F. et al. Needle-based Confocal Laser Endomicroscopy for the diagnosis of lymph nodes : preliminary criteria (CONTACT study). Oral presentation at UEGW 2013

Colorectal lesions:

- Wallace M. et al. Miami classification for probe-based confocal laser endomicroscopy. Endoscopy. 2011
- Shahid M.W. et al. Diagnosis Accuracy of Probe-based Confocal Laser Endomicroscopy (pCLE) in Detecting Recurrence of Colorectal Neoplasia after Endoscopic Mucosal Resection. GIE, 2012

Inflammatory Bowel Diseases:

- Kiesslich R. et al. Chromoscopy-guided endomicroscopy increases the diagnostic yield of intraepithelial neoplasia in ulcerative colitis. Gastroenterology. 2007
- Kiesslich R. et al. Local Barrier Dysfunction Identified by Confocal Laser Endomicroscopy Predicts Relapse in Inflammatory Bowel Disease. Gut, 2011
- Neumann H. et al. Assessment of Crohn's Disease Activity by Confocal Laser Endomicroscopy. Inflammatory Bowel Diseases, 2012

Lung diseases:

- Thiberville L. et al. In vivo imaging of the bronchial wall microstructure using fibered confocal fluorescence microscopy. Am J Respir Crit Care Med. 2007
- Thiberville L. et al. Human in vivo fluorescence microimaging of the alveolar ducts and sacs during bronchoscopy. Eur Respir J. 2009
- Arenberg D.A. et al. Proposed Classification Of Probe-Based Confocal Laser Endomicroscopy (pCLE) Findings For Evaluation Of Indeterminate Peripheral Lung Nodules. American Journal of Respiratory and Critical Care Medicine. 2011
- Fuchs F.S. et al. Fluorescein-Aided Confocal Laser Endomicroscopy of the Lung. Respiration, 2011

Bladder cancer:

- Sonn G.A. et al. Optical biopsy of human bladder neoplasia with in vivo confocal laser endomicroscopy. J Urol. 2009
- Wu K. et al. Dynamic real-time microscopy of the urinary tract using confocal laser endomicroscopy. Urology. 2011
- Liu J. et al. Dynamic Real-time Microscopy of the Urinary Tract Using Confocal Laser Endomicroscopy. Urology, 2011

Miscellaneous:

- Kiesslich R. et al. Confocal Laser Endomicroscopy is an effective and safe diagnostic tool in GI-Endoscopy . Gastroenterology. 2008

- Wallace M.B. et al. The safety of intravenous fluorescein for confocal laser endomicroscopy in the gastrointestinal tract. Aliment Pharmacol Ther. 2010
- Coron E. et al. Endomicroscopie avec fluorescence en pathologie digestive : étude pilote multicentrique française. Gastroentérologie clinique et biologique. 2009

Acknowledgments:

The atlas of videos have been developed with the collaboration of the following experts, among others, and presented in the alphabetic order:

- Maurizio Brausi, MD, Azienda Unita Sanitaria Locale di Modena, Italy
- Fabrice Caillol, MD, Institut Paoli Calmettes, Marseille, France
- Yang Chen, MD, Universtity of Colorado, Denver, CO, USA
- Philip Chiu, MD, Institut Prince of Wales, Hong Kong.
- Emmanuel Coron, MD, Hotel Dieu Hospital, Nantes, France
- Evelien Dekker, MD, Academic Medical Center, Amsterdam, Netherlands
- Bernard Filoche, MD, St Philibert hospital, Lomme, France
- Jean-Paul Galmiche, MD, Hotel Dieu Hospital, Nantes, France
- Marc Giovannini, MD, Paoli Calmettes Institute, Marseille, France
- Robert Holladay, MD, Louisiana State University Hospital, Shreveport, LA, USA
- Virendra Joshi, MD, Oschner Medical Center, Kenner, LA, USA
- Changqing Li, MD, Qilu hospital, Jinan, Shandong, China
- Yan Qing Li, MD, Qilu hospital, Jinan, Shandong, China
- Zhen Li, MD, Qilu hospital, Jinan, Shandong, China
- Joseph Liao, MD, Stanford University, Stanford, CA, USA
- Charles Lightdale, MD, Columbia-Presbyterian Medical Center, New York, NY, USA
- Damien Lucidarme, MD, St Philibert hospital, Lomme, France
- Alexander Meining, MD, Klinikum rechts der isar, Munich, Germany
- Bertrand Napoléon, MD, Jean Mermoz Private Hospital, Lyon, France
- Rapat Pittayanon, MD, Chulalongkorn hospital, Bangkok, Thailand
- Douglas Pleskow, MD, Beth Israel Deaconess Medical Center, Boston, MA, USA
- Bertrand Pujol, MD, Jean Mermoz Private Hospital, Lyon, France
- Thomas Rösch, MD, University Medical Center Hamburg-Eppendorf, Hamburg, Germany
- Prateek Sharma, MD, VA Kansas City, MO, USA
- Adam Slivka, MD, University of Pittsburgh Medical Center, Pittsburgh, PA, USA
- Peter Stevens, MD, Columbia-Presbyterian Medical Center, New York, NY, USA
- Luc Thiberville, MD, Rouen University Hospital, Rouen, France
- Adam Wellikoff, MD, Louisiana State University, Shreveport, LA, USA
- David Wilson, MD, Columbus regional hospital, Columbus, IN, USA
- Wei Wu, MD, Ruijin Hospital/Shanghai Jiaotong University of Medicine, Shanghai, China

The Smart Atlas assistance in the image interpretation quizzes has partially been developed within the collaborative effort of the [Inria Innovation Lab](http://www.inria.fr) SIWA between the Asclepios research-team at Inria and Mauna Kea Technologies.