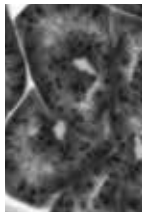
Mauna Kea Technologies

Cellvizio®

TURN TO OPTICAL BIOPSY



OPTICAL BIOPSY WITH CELLVIZIO AT DDW 2014: VIEW THE PROGRAM

ABOUT MAUNA KEA TECHNOLOGIES

Mauna Kea Technologies is a global medical device company focused on leading innovation in Endomicroscopy and Optical Biopsy. The company designs, develops and markets innovative tools for real-time visualization and detection of cellular anomalies during standard gastrointestinal and pulmonary endoscopy procedures. Large-scale, international, multi-center clinical trials have demonstrated Cellvizio's ability to help physicians to more accurately detect early forms of diseases and make immediate treatment decisions.

Cellvizio was designed to help physicians with their diagnosis, improve patient care, and reduce hospital costs. It can be used with virtually any endoscope. Cellvizio has 510(k) clearance from the United States Food and Drug Administration and CE Marking in the European Union for use in the gastrointestinal tract and the urinary and respiratory systems, for endoscopic exploration of the biliary and pancreatic ducts, and for fine-needle aspiration procedures.

Cellvizio has also been cleared by SFDA in China and MHLW in Japan for use in the GI, respiratory and urinary tract.

OPTICAL BIOPSY RELATED EVENTS

nCLE Educational Dinner
PANCREATIC CYSTS BROUGHT TO LIGHT

Sunday, May 3rd from 6:30 PM

Learn about the benefits of Optical Biopsy and Find out how nCLE (needle-based Confocal Laser Endomicroscopy) can help detect pancreatic cysts ; with Cellvizio Expert users including Bertrand napoléon, MD (France) and William Brugge, MD (USA).

Stop by the booth to register!

BISTROT MARGOT
1437 North Wells - Chicago
Shuttle will be waiting at the entrance leading out to the Hyatt Regency Hotel - Departure time: 5:45 PM

2ND FELLOWS' CLUB DINNER

Monday, May 4th from 6:00 PM

Join us for an evening of engaging discussions and debates about Optical Biopsy. This event will provide insight on the clinical value of Optical Biopsy and Cellvizio.

Speaker: Jason Samarasena, M.D.,

CARNIVALE
702 West Fulton Street - Chicago
Shuttle will be waiting at the entrance leading out to the Hyatt Regency Hotel - Departure time: 5:30PM

ASGE Learning Centers
HANDS-ON DEMONSTRATION

Meet Cellvizio experts for an introduction to Optical Biopsy

Sunday May 3rd
11AM-12PM with Dr. Joshi (USA)
12PM-1PM with Dr. Giovannini (France)

Monday May 4th
11AM-12PM with Dr. Robles (Ecuador)

SATURDAY, MAY 3RD

RESEARCH FORUM / 8: 22AM, S405B

32	Accuracy of Confocal Laser Endomicroscopy for the diagnosis of indeterminate biliary strictures: comparison of the Miami and Paris classifications	*S. Leblanc, A.Berson, M. hooge, A. Esch, T. Tabouret, S. Chaussade, F. Prat*

POSTER SESSIONS / 8:00 AM-5:00PM, SOUTH HALL

Sa1492	A Paralleled Comparison Between Two Sets of Confocal Laser Endomicroscopy in Gastrointestinal Tract	*C-Q. Li, X-L. Zuo, J. Guo, J. Yuan, J-W. Liu, Y-Q. Li*
Sa1493	The accuracy of magnifying narrow band imaging and probe-based confocal laser endomicroscopy for a real time Spigelman classification	*R. Pittayanon, R. Rerknimitr, B. Imraporn, N. Wisedopas, P. Kullavanijaya*
Sa1496	Prospective Comparative Study of Probe-Based Confocal Laser Endomicroscopy, White-Light Endoscopy and Narrow-Band Imaging for the Diagnosis of New Gastric Lesions in Patients Who Had Undergone Previous Endoscopic Resection	*L.G. Lim, S. Srivastava, M. Teh, K.G. Yeoh, K-Y. Ho*
Sa1614	Feasibility of Advanced Gallbladder Interventions Through a Cholecystoenteric Anastomosis After Endoscopic Gallbladder Drainage	*A.Y. Teoh, P.W. Chiu, R.S. Tang, C.C. Chong, E. K. Ng, F.K.L. Chan, J. Y. Lau*
Sa1154*	The predictive value of probe-based confocal laser endomicroscopy (pCLE) findings in pediatric inflammatory bowel disease patients	*A. Shavrov, A. Kharitonova, B. Claggett, A. Shavrov, J. J. Liu*
Sa1170	Screening for HIV-associated high grade anal dysplasia and intraepithelial neoplasia with a probe-based confocal laser scanning microscope (pCLE): preliminary findings.	*S. I. Gan, L. Siekas, N. Agoff*
Sa1640	Smart Atlas for Supporting the Interpretation of probe-based Confocal Laser Endomicroscopy (pCLE) of Gastric Lesions: First Classification Results of a Computer-Aided Diagnosis Software based on Image Recognition	*M. Kohandani Tafreshi, Y. Li, R. Pittayanon, D.K. Pleskow, V. Joshi, P.W. Chiu, J. Dauguet, N. Ayache, B. André*
Sa1852	Autofluorescence-targeted optical biopsy accurately diagnoses dysplasia in Barrett's esophagus and can detect the field of molecular change	*M. di Pietro, E.L. Bird-Lieberman, X. Liu, M. ODonovan, R. Fitzgerald*

**South Hall, McCormick Place*

SUNDAY, MAY 4TH

BREAKFAST WITH THE EXPERTS / 6:30-7:45AM

Sp303	Endomicroscopy for Beginners	*S. Anandasabapathy, H.C. Wolfsen*	S104A

SPECIAL SESSION / 10:30 AM

Sp415	Confocal Endomicroscopy for Upper GI Neoplasia	*K. Sumiyama*	S404

POSTER SESSIONS / 8:00 AM-5:00PM, SOUTH HALL

Su1948	In Vivo, Real Time Non-Invasive Assessment of Gastric Mucosal Injury Using Confocal Laser Endomicroscopy: Focus on Mucosal Microvessels, Progenitor Cells and Mucosal Protection. Direct Comparison With Quantitative Histology and Electron Microscopy.	*A.S. Tarnawski, A. Ahluwalia, M.K. Jones, E. Zhu*
Su1143	The role of Confocal Laser Endomicroscopy in the management of patients with biliary strictures: a consensus report based on clinical evidence.	*D.L. Carr-Locke, R. Arsenescu, H. Bertanl, F. Caillol, G. Costamagna, S.I. Gan, M. Giovannini, F.G. Gress, O. Haluszka, K-Y. Ho, H. Neumann, F. Prat, R. J. Shah, P. Sharma, S.K. Singh, K.K. Wang*
Su1301	Prediction of clinical outcome in Crohn's disease by using confocal laser endomicroscopy: a prospective, observational, follow-up study.	*G.E. Tontini, J. Mudter, M. Vieth, R. Atreya, C. Günther, M. Vecchi, M.F. Neurath, H. Neumann*
Su1498	In vivo characterization of mucinous cystadenomas by needle-based Confocal Laser Endomicroscopy (nCLE).	*B. Napoleon, A.I. Lemaistre, B. Pujol, B. Mialhe-Morellon, F. Caillol, M. Giovannini*
Su1503	Definition of a standardized program of training and credentialing for the use of Confocal Laser Endomicroscopy in gastrointestinal applications: a consensus report.	*H. Bertani, V.J. Konda, R. Arsenescu, D.L. Carr-Locke, K. J. Chang, E. Coron, G. Costamagna, A. Dlugosz, J.P. Galmiche, S.I. Gan, F.G. Gress, O. Haluszka, K.-Y. Ho, H. Neumann, F. Prat, R.J. Shah, P. Sharma, S.K. Singh, A. Slivka, K.K. Wang, H.C. Wolfsen*
Su1662	Smart Atlas for Supporting the Interpretation of probe-based Confocal Laser Endomicroscopy (pCLE) of Biliary Strictures: First Classification Results of a Computer-Aided Diagnosis Software based on Image Recognition	*M. Kohandani Tafreshi, V. Joshi, A. Meining, C.J. Lightdale, M. Giovannini, J. Dauguet, N. Ayache, B. André*
Su1699	Accuracy of optical biopsy using probe based confocal laser endomicroscopy (pCLE) in patients with indeterminate biliary strictures: Interim results with modified criteria of a large multicentric study	*A. Slivka, S.I. Gan, M. Giovannini, P.A. Jamidar, G. Costamagna, P. Cesaro, M. Kahaleh*
Su1954	Reversibility of gastric mucosal lesions induced by sodium phosphate tablets and characterized by probe-based confocal laser endomicroscopy	*E. Coron, M. Dewitte, P. Aubert, N. Musquer, M. Neunlist, S. Bruley des Varannes*

MONDAY, MAY 5TH

ORAL PRESENTATIONS

681	Novel InSIGHT into gastric enteric nervous system using EUS-guided needle based confocal laser endomicroscopy, neuronal probe and molecular imaging. Evidence for common mediators and cross-talk between neural, endothelial, epithelial & ECL cells	*J.B. Samarasena, K.. Chang, Am. hluwalia, Su.hinoura, Ke.o. hoi, Jo.. Lee, An.. Tarnawski*	11:04 AM - South Hall
599	Assessment of Lymph Nodes for Malignancy with a needle based Confocal Endomicroscopy System: A Report of the First US Experience	*P.C. Benias, D.L. Carr-Locke, J.Kim, C. Papafragkakis, N.D. Theise*	8:00 AM - 401A
602	Diagnostic values of probe-based confocal laser endomicroscopy and magnifying narrow band imaging for early neoplasms detection in esophageal Lugol's-voiding lesions	*P.Prueksapanic, R. Pittayanon, R. Rerknimitr, P. Kullavanijaya*	8:45 AM - South Hall

POSTER SESSIONS / 8:00 AM-5:00PM, SOUTH HALL

Mo1429	Visualization of the gastric submucosal and myenteric neuronal network using Endoscopic ultrasound (EUS) guided needle-based confocal laser induced endomicroscopy and a novel EUS guided through-the-needle biopsy technique	*J.B. Samarasena, A.S. Tarnawski, S. Shinoura, A. Ahluwalia, J.G. Lee, K.D. Choi, K. J. Chang*
Mo1430	Pitfalls in the interpretation of pancreatic endoscopic ultrasound guided needle confocal laser endomicroscopy	*J.G. Karstensen, T.Cartana, P. Klausen, H. Hassan, D. Pirici, D.I. Gheonea, C.F. Popescu, J.P. Hasselby, C.P. Hansen, L. Riis, A. Saftoiu, P. Vilmann*
Mo1431	In vivo characterization of pancreatic cystic tumors by needle-based Confocal Laser Endomicroscopy (nCLE). Proposition of a comprehensive classification.	*B. Napoleon, A.I. Lemaistre, B. Pujol, B. Mialhe-Morellon, F. Caillol, M. Giovannini*
Mo1432	Smart Atlas for Supporting the Interpretation of needle-based Confocal Laser Endomicroscopy (nCLE) of Pancreatic Cysts: First Classification Results of a Computer-Aided Diagnosis Software based on Image Recognition	*M. Kohandani Tafreshi, B. Napoleon, A-I. Lemaistre, M. Giovannini, V. Joshi, J. Dauguet, N. Ayache, B. André*
Mo1428 & Mo1167	Needle-based Confocal Laser Endomicroscopy (nCLE) for the diagnosis of lymph nodes: preliminary criteria (CONTACT study)	*M. Giovannini, F. Caillol, D. Lucidarme, B. Pujol, F. Poizat, G.M. Monges, B. Filoche, B. Napoleon*
Mo1493	Descriptive Study About Correlation of Pancreatic Cystic Lesions Findings by Confocal Microscopy and Other Diagnostic Procedures	*M.A. Abadia, M.M. Peracaula, J. Armengol, J.A. Colán, J. Dot, A. Benages, M.D. Castillo, J.C. Salord, S. Kantsevoy, J.R. Armengol, N.Tallada, C. Iglesias*
Mo1506	First Report of Confocal Laser Endomicroscopy in Diagnosing Granular Cell Tumor of the Esophagus	*Ali M. Ahmed, Larry Siu, Jonathan Somma, Frank G. Gress*
Mo1507	Endomicroscopy Is an Excellent Alternative to Standard Endoscopic Biopsy of Flat Neoplastic Lesions of the Digestive Tract	*C.R. Teixeira, N. Coelho, M. Maia, J. Pereira Lima, R.C. Jobim, K. Haruma, M.Giovannini*
Mo1532	Fluorescein Assisted Confocal Laser Microscopy Imaging of the Mucscularis Propria in Porcine Models	*M. Kobayashi, K. Sumiyama, H. Matsui, S. Kamba, H. Tajiri, T. Takahashi, K. Nakajima*
Mo1498	Learning Curve in Diagnosing Dysplasia in Barrett's Esophagus (BE) using Probe-based Confocal Laser Endomicroscopy (pCLE): Results from a Randomized Controlled Trial	*P. Vennalaganti, K. Pakseresht, B.R. Alsop, S.C. Mathur, S. Parasa, B. Hornung, N. Gupta, P. Sharma*
Mo1525	Diagnostic values of magnifying narrow band imaging and probe-based confocal laser endomicroscopy in FAP related duodenal adenoma	*R. Pittayanon, R. Rerknimitr, B. Imraporn, N. Wisedopas, P. Kullavanijaya*
Mo1537	Routine Confocal endomicroscopy in a clinic specialized in the management of the digestive pathology with mucosectomy, submucosal dissection, prosthesis and puncture: Results of the 5 first months of use	*J-M. Canard*
Mo1571	First report of using confocal laser endomicroscopy in the evaluation of small bowel acute GVHD	*J.L. Lin, J. Palmer, H. Wu, D. David, R. Nakamura, P. Parker, S. Khaled*

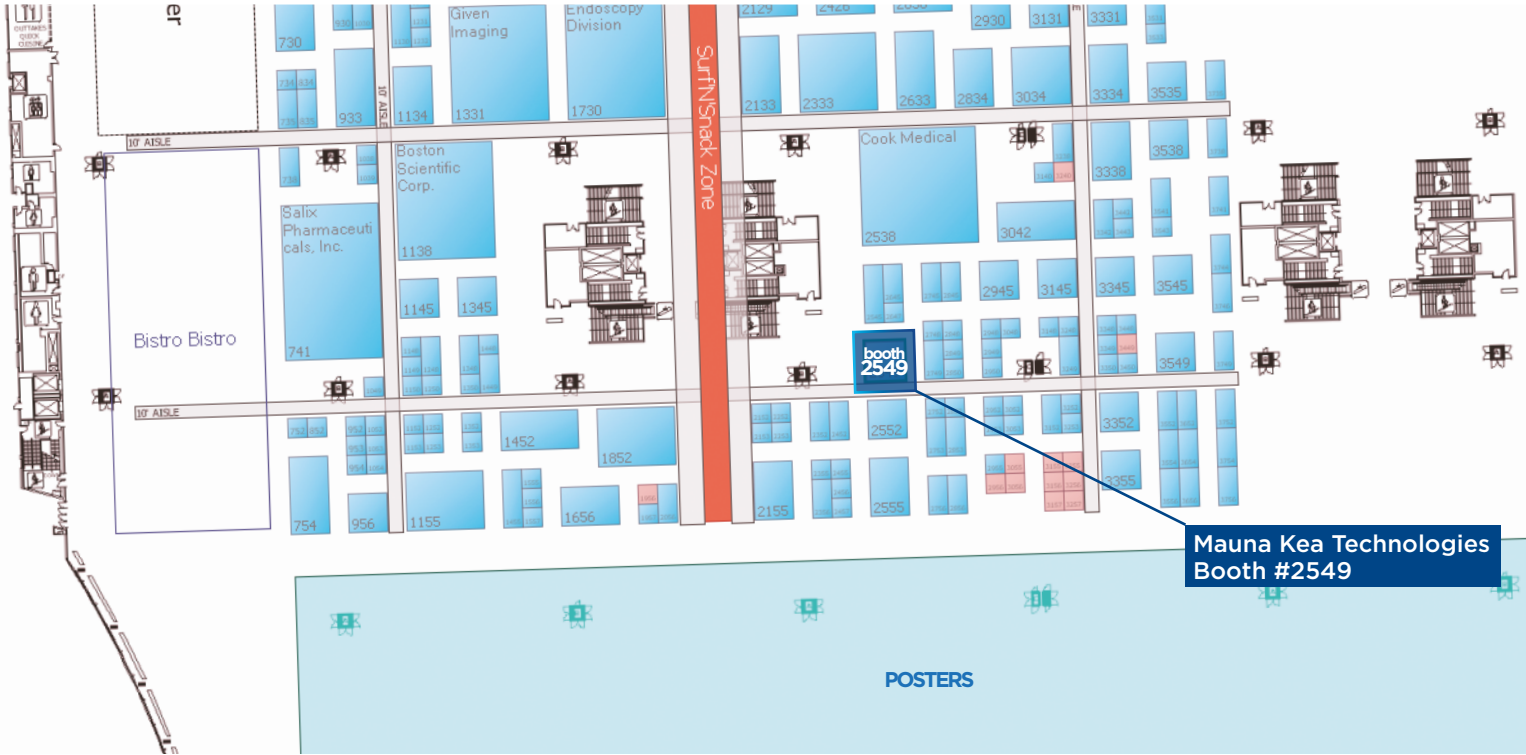
TUESDAY, MAY 6TH

TOPIC FORUM

1043	EUS guided Needle-based Confocal Laser Endomicroscopy (nCLE) to Distinguish between Benign and Malignant lesions in Solid Pancreatic Masses: Preliminary Results of a Prospective Single-Blind Study	*R. Pittayanon, P. Kongkam, P. Sampatanukul, S. Aniwan, P. Angsuwatcharakon, S. Treeprasertsuk, P. Kullavanijaya, R. Rerknimitr*	S505

POSTER SESSIONS / 8:00 AM-5:00PM, SOUTH HALL

Tu1067	In-class Didactic vs. Self-Directed Teaching Probe-based Confocal Laser Endomicroscopy (pCLE) Criteria for Barrett's esophagus (BE); A Randomized Controlled Trial	*P. Vennalaganti, K. Paksereshт, S. Parasa, S.C. Mathur, B.R. Alsop, B. Hornung, N. Gupta, P. Sharma*
Tu1078	The role of Confocal Laser Endomicroscopy in the management of patients with Barrett's Esophagus: a clinical evidence-based consensus report.	*K.K. Wang, R.Arsenescu, H. Bertani, F. Caillol, D.L. Carr-Locke, K.J. Chang, Em. oron, Al. Iugosz, J-P. Galmiche, S.I. Gan, M. Giovannini, F. Gress, K-Y. Ho, V.J. Konda, H. Neumann, F. Prat, P. Sharma, S. Singh, H. Wolfsen, A.M. Zfass*
Tu1198	Intestinal epithelial cell extrusion and microbial virulence are altered in pediatric inflammatory bowel diseases.	*D. Zaidi, M. Bording-Jorgenson, H.Q. Huynh, Y. Lou, J. J. Liu, E. Wine*
Tu1520	Development and initial validation of a unique score for in vivo differentiation of ulcerative colitis and Crohn's disease featuring confocal laser endomicroscopy	*G.E. Tontini, J. Mudter, M. Vieth, R. Atreya, C. Günther, R. Kiesslich, M. Vecchi, M.F. Neurath, H. Neumann*
Tu1946	From Miami to Paris: Validation of refined probe-based confocal microscopy classification of indeterminate biliary strictures	*S.I. Gan, P.A. Jamidar, M. Giovannini, P. Cesaro, G. Costamagna, M. Kahaleh, A.Slivka*



Turn to Optical Biopsy

only Cellvizio provides unlimited Optical Biopsies with immediate results

Cellvizio®

the Fastest Way to See Cancer™

Cellvizio®, a probe-based Confocal Laser Endomicroscopy (pCLE) system, generates Optical Biopsies and provides physicians and researchers with high-resolution cellular imaging of internal tissues instantaneously and in a minimally invasive manner. This assists them in determining whether the tissue is benign or malignant.

Mauna Kea Technologies introduces EVA, the Endoscopy Virtual Assistant that provides you with a seamless Cellvizio experience from image stabilization to review and report generation.

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