

## Largest Cellvizio Study To Date Demonstrates Near Perfect Correlation with Histology in Key GI Procedures

**Cellvizio histologic correlation above 90% for Barrett's Esophagus, Biliary Strictures, and Pancreatic Cysts procedures**

**Presentation of data covering 399 cases from National French Registry announced in oral presentation at 2017 Annual French-speaking Meeting on Hepato-Gastroenterology and Digestive Oncology**

**Paris, France and Boston, MA, USA, April 3, 2017** - 5.45 PM CET - Mauna Kea Technologies (Euronext: MKEA, OTCQX: MKEAY) inventor of Cellvizio®, the multidisciplinary confocal laser endomicroscopy platform, today announced the presentation of data from the National French Registry on Cellvizio® procedures confirming the strong performance of confocal laser endomicroscopy (CLE) in the diagnosis of major gastrointestinal diseases as compared to histological findings. The registry outcomes<sup>1</sup> were disclosed in an oral presentation during the Annual French-speaking Meeting on Hepato-Gastroenterology and Digestive Oncology on March 24, 2017 in Paris (JFHOD 2017).

The Cellvizio National French Registry is a post-market observational study sponsored by the French National Digestive Endoscopy Society (SFED). The presentation at JFHOD 2017 meeting covered data from 399 prospective CLE-procedures performed between September 2013 and February 2015 at 12 participating endoscopy centers. Overall imaging quality was ranked as good in 83% (331/399) of the cases, bad in only 1% (4/399) and correlation factor with histology (Kappa) was equal or greater than 0.90 in the following 3 key indications:

- **Barrett Esophagus Detection and Follow-up** (28% of the registry cases), Kappa was 0.90 for the differentiation of normal tissues, inflammatory, metaplasia and dysplastic lesions; Cellvizio allowed real time biopsy guidance or impacted immediate therapeutic decision in 84% of the patients
- **Biliary Strictures Characterization** (11% of the registry cases), Kappa was 0.94 for the differentiation of normal tissues, inflammatory, high-grade dysplastic lesions or carcinoma ; Cellvizio allowed real time biopsy guidance or impacted immediate therapeutic decision in 90% of the patients
- **Pancreatic cysts Characterization** (30% of the registry cases), Kappa was 0.93 for the differentiation of serous cysts, mucinous cysts, IPMN, pseudocysts or neuroendocrine tumor; Cellvizio allowed real time diagnosis and impacted immediate therapeutic decision in 80% of the patients. More rare cases have been observed (lymph nodes, pancreatic masses, ampullomas ...) in 10% of the patients.

The remaining indications were gastritis follow-up in 5% of the patients, characterization of colorectal polyps in 11% and detection of dysplastic lesions in inflammatory bowel diseases in 5% with respective Kappa value of 0.78, 0.70 and 0.82.

One serious adverse event without consequence was reported but was not linked to the Cellvizio device.

Sacha Loiseau, Ph.D., Founder and Chief Executive Officer of Mauna Kea Technologies, commented, "We are proud to have supported the SFED in this endeavor. The results from this large, comprehensive and independent national registry confirm the expansion and ease of use of our technology, the quick adoption and learning curve, and the safety and the strong correlation of the Cellvizio procedure with histological and pathological findings. Cellvizio clearly allows gastroenterologists to make real-time therapeutic decision for improved patient management. The results from this registry will provide an important data point in our efforts to secure reimbursement for Cellvizio in France."



**Reference:**

1. Online published abstract: <http://www.snfge.org/content/resultats-de-lobservatoire-national-des-pratiq>

**About Mauna Kea Technologies**

Mauna Kea Technologies is a global medical device company focused on eliminating uncertainties related to the diagnosis and treatment of cancer and other diseases thanks to real time in vivo microscopic visualization. The Company's flagship product, Cellvizio, has received clearance to sell a wide range of applications in more than 40 countries, including the United States, Europe, Japan, China, Canada, Brazil and Mexico.

For more information on Mauna Kea Technologies, visit [www.maunakeatech.com](http://www.maunakeatech.com)

**Disclaimer**

*This press release contains forward-looking statements concerning Mauna Kea Technologies and its activities. Such forward looking statements are based on assumptions that Mauna Kea Technologies considers to be reasonable. However, there can be no assurance that the anticipated events contained in such forward-looking statements will occur. Forward-looking statements are subject to numerous risks and uncertainties including the risks set forth in the registration document of Mauna Kea Technologies registered by the French Financial Markets Authority (Autorité des marchés financiers (AMF)) on June 13, 2016 under number R.16-054 and available on the Company's website ([www.maunakeatech.com](http://www.maunakeatech.com)), and to the development of economic situation, financial markets, and the markets in which Mauna Kea Technologies operates. The forward-looking statements contained in this release are also subject to risks unknown to Mauna Kea Technologies or that Mauna Kea Technologies does not consider material at this time. The realization of all or part of these risks could lead to actual results, financial conditions, performances or achievements by Mauna Kea Technologies that differ significantly from the results, financial conditions, performances or achievements expressed in such forward-looking statements. This press release and the information it contains do not constitute an offer to sell or to subscribe for, or a solicitation of an order to purchase or subscribe for, Mauna Kea Technologies shares in any country.*

**Mauna Kea Technologies**

Benoit Jacheet  
CFO

[investors@maunakeatech.com](mailto:investors@maunakeatech.com)

**United States**

Zack Kubow / Lee Roth  
The Ruth Group  
646-536-7020 / 7012

[zkubow@theruthgroup.com](mailto:zkubow@theruthgroup.com)  
[lroth@theruthgroup.com](mailto:lroth@theruthgroup.com)

**U.S. Media**

Kirsten Thomas  
The Ruth Group  
508-280-6592

[kthomas@theruthgroup.com](mailto:kthomas@theruthgroup.com)

**France and Europe**

NewCap - Investor  
Relations  
Florent Alba

+33 (0)1 44 71 94 94  
[maunakea@newcap.fr](mailto:maunakea@newcap.fr)