

## **New Research Study by the Mayo Clinic Finds Sedation-Free TNE With EndoSheath® Technology May Provide an Effective Alternative to Standard Upper Endoscopy Procedures**

### **Mobile Screening With Transnasal Esophagoscopy May Allow For Potential Use in Strategy to Reduce Esophageal Cancer Mortality**

ORANGEBURG, N.Y., Dec. 29, 2014 (GLOBE NEWSWIRE) -- A new peer-reviewed research study published in the American Journal of Gastroenterology concludes sedation-free transnasal esophagoscopy (TNE) may provide an effective alternative strategy to conventional sedated esophagogastroduodenoscopy (EGD) for esophageal assessment and Barrett's Esophagus (BE) screening for patients. The research trial was conducted by gastroenterologists at the Mayo Clinic utilizing the Vision Sciences® Transnasal Esophagoscope with EndoSheath Technology and evaluated over 200 patients in both a clinic setting and in the community as part of the health system's mobile research program.

*"This research is extremely timely given the recent events surrounding conventional EGD and the use of anesthesia," states Howard Zauberman, President and Chief Executive Officer of Vision-Sciences. "Healthcare providers can feel confident offering their patients an alternative that will allow them to provide procedures that do not use sedation while still providing top rate diagnostic care."*

The study, "A Randomized Comparative Effectiveness Trial of Novel Endoscopic Techniques and Approaches for Barrett's Esophagus Screening in the Community," goes on to detail the EndoSheath TNE system and the technology's portable and disposable nature as "effective and acceptable." EndoSheath technology utilizes a sterile, disposable sheath that covers the endoscope and completely isolates it from patient contact, obviating the need for time consuming conventional decontamination and reprocessing procedures.

*"We feel our EndoSheath Technology provides a win-win for healthcare facilities and patients; a sedation-free alternative to conventional endoscopes for the patient while offering a portable, efficient, cost cutting solution that allows for an increase in patient throughput for the healthcare provider," adds Howard Zauberman.*

A few important highlights to note in the report:

- Mobile van and clinic TNE had comparable clinical effectiveness with similar participation rates and safety profile to the standard EGD, upper endoscopy procedure
- TNE with EndoSheath Technology allowed for shorter evaluation and patient recovery times
- Sedation-free TNE with EndoSheath Technology may provide an effective alternative strategy to standard upper endoscopy procedures in esophageal assessments and screening for Barrett's esophagus (BE)
- Participation rates were numerically higher in sedation-free TNE compared with EGD
- 80% of TNE subjects were willing to undergo the procedure again in the future
- Mobile van screening for BE and esophageal adenocarcinoma (EAC) may be an effective alternative to hospital or clinic-based techniques

Mr. Zauberman is available for in-person meetings or phone interviews about this subject. Please contact Mitch Kayden at (845) 709-5607 or [mkayden@onitdigital.com](mailto:mkayden@onitdigital.com) for more information and to set up an interview.

About Vision-Sciences, Inc.

Vision-Sciences, Inc. designs, develops, manufactures and markets products for flexible endoscopy. The Company's unique product lines feature a streamlined visualization system and proprietary sterile disposable microbial barrier, known as EndoSheath® technology, providing users with efficient and cost effective endoscope turnover while enhancing patient safety. Information about Vision-Sciences' products is available at [www.visionsciences.com](http://www.visionsciences.com).

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