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OLYMPUS ENTEROPRO ENDO CAPSULE, SINGLE BALLOON ENTEROSCOPE SYSTEM, AND ENDOTHERAPY ACCESSORIES

Efficient Observation and Treatment of Small Bowel Abnormalities

The **EnteroPro** from **Olympus America (Centre Valley, PA)** is the newest addition to the Olympus line of GI solutions that are intended to improve efficiency in the observation and treatment of small bowel conditions. The Olympus EnteroPro includes the **Endo Capsule**, which recently received 510(k) clearance from the FDA, the **Single Balloon Enteroscope System** and **EndoTherapy** accessories.

The introduction of the **Single Balloon Enteroscope System (SBE)** was designed to provide physicians with a diagnostic tool that would allow them to perform a thorough and efficient examination of the small bowel. This system allows the operator to facilitate insertion and may reduce examination times by manipulating a single balloon system, which is attached to the distal end of the splinting tube. The easy-to-use ergonomic hand controls and automatic pressure control features allow SBE to be used in antegrade or retrograde fashion and it may be intuitive for the first-time user. The easy setup and simple operation of SBE may reduce the average examination time. SBE utilizes the Olympus **EVIS EXERA II™** universal platform, offering high-resolution images and improved insertion ability. SBE can be utilized with a broad range of EndoTherapy devices for use in tissue sampling, hemostasis, foreign object removal and more.

John J. Vargo, MD, Head, Section of Therapeutic and Hepabiliary Endoscopy,



The Olympus EnteroPro includes the Endo Capsule, which recently received 510(k) clearance from the FDA, the Single Balloon Enteroscope System, and EndoTherapy accessories. Physicians can monitor the live images transmitted by the capsule on a compact color LCD display.

Gastroenterology and Hepatology, at the Cleveland Clinic Foundation (Cleveland, OH), believes that “while there are competing platforms, I think SBE extends the ability to visualize more of the small intestine, broadening the diagnostic and therapeutic capabilities of the practicing gastroenterologist.” Dr. Vargo has found that there is just a short learning curve with SBE. “The exam takes just about 50 minutes to complete. Most patients are typically able to undergo the procedure utilizing moderate sedation while in an ambulatory setting, which makes it a simpler process for everybody.”

Video capsule endoscopy (VCE) has also become an important tool and is now a regular part of clinical practice. The new

Endo Capsule System incorporates sophisticated wireless imaging technology in an ultra compact lens based on a charge-coupled device (CCD) technology, providing outstanding visualization of the small bowel mucosa. Olympus has incorporated a number of unique features into the Endo Capsule, including Olympus' proprietary "Real Time Viewer" capability. Physicians can monitor the live images transmitted by the capsule onto a compact color LCD display. The Endo Capsule's high-resolution imaging, wide field of view and depth-of-field provide excellent image quality while the automatic brightness control feature adjusts illumination to maintain optimal viewing conditions.

David E. Fleischer, MD, a gastroenterologist and Professor of Medicine at Mayo Clinic (Scottsdale/Phoenix, AZ), was co-investigator of a national study that demonstrated utility of Endo Capsule in assessing patients with obscure GI bleeding. He believes that capsule technology has revolutionized the ability to see the small intestine. Dr. Fleischer has found that real-time viewing is an important feature. He believes that in the course of managing patients with digestive diseases, having a

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capsule to examine the small intestine contributes to the thoroughness of the evaluation.

With a capsule endoscopy procedure lasting eight hours, Olympus has also focused on eliminating patient stress. The recorder unit has been specifically designed to be slim and lightweight to reduce patient discomfort. The unit is durable and waterproof, thereby preventing damage from routine activities. The unit's image display features with patient data and instructional messages were developed to be intuitive and user-friendly for physicians and

nurses. A dedicated Endo Capsule software package is provided for efficient reviewing of the captured images. This sophisticated but user-friendly software offers a number of time-saving features.

David R. Cave, MD, gastroenterologist, Professor of Medicine and Director of Clinical Gastroenterology Research at the UMass Medical Center (Worcester, MA), notes that "It gives us a great deal of information in a minimally invasive manner and the images are of a very high quality." Dr. Cave says that the Endo Capsule is well-tolerated by his patients. "While it is an eight-hour test, we can set it up for a patient before he or she goes to work and they can drop it off on the way home. They are able to go about daily activities, within reason of course. It's pain-free, so patients love it." ◆

To Learn More

For more information about the Olympus EnteroPro, including the Endo Capsule, Single Balloon Enteroscope System and Endo-Therapy Devices, please call 1-800-848-9024; or visit the Web site at www.enteropro.com.