

1 411

featuring...



# Disruptive diagnostic technology that changes how you visualize gastric disorders

ROBOTICA

## NaviCam<sup>®</sup> Xpress<sup>™</sup> Endoscopy System featuring GastroScan<sup>™</sup>

Introducing NaviCam<sup>®</sup> Xpress<sup>™</sup> by AnX Robotica a groundbreaking fusion of cutting-edge technology seamlessly combining video capsule endoscopy with magnetic control. This innovative solution offers healthcare providers an unparalleled view into the depths of the stomach, all achieved through a sedation-free, non-invasive procedure.

GastroScan<sup>™</sup>, the pioneering feature of NaviCam<sup>®</sup> Xpress<sup>™</sup>, empowers users to effortlessly initiate a predetermined sequence of robotic motions. With seamless execution and minimal user intervention, GastroScan<sup>™</sup> ensures a smooth and efficient process to perform a complete visualization of the stomach.

> Designed for versatility, the NaviCam<sup>®</sup> Xpress<sup>™</sup> System is suitable for various medical settings, including clinics, hospitals, and emergency rooms. It caters to the needs of patients aged 2 years and above, accommodating individuals with a BMI up to 65 and a waist size of 77 inches or less. Experience the future of endoscopic exploration with NaviCam<sup>®</sup> Xpress<sup>™</sup>— setting new standards in medical imaging and **patient care**.





MAGNETICALLY-CONTROLLED CAPSULE ENDOSCOPY

## ROBOTICA

#### NaviCam<sup>®</sup> Stomach Capsule

The ingestible NaviCam<sup>®</sup> capsule is a pill-sized video camera that the patient swallows with water before starting the examination. Inside the capsule is a tiny camera that has its own light source; it takes pictures of the patient's stomach while its movement is controlled by the operator or using the GastroScan<sup>™</sup> feature.

### **The Benefits of MCCE**

The Sedation-Free Alternative NaviCam<sup>®</sup> Magnetic Capsule Controlled Endoscopy (MCCE) offers a sedation-free option tailored for patients at heightened risk or those unsuitable for sedation due to underlying health conditions. Furthermore, MCCE presents a safe and effective method for screening low-risk patients for serious disease like gastric cancer<sup>1</sup>.

The Minimally-Invasive Alternative In scenarios where conventional Esophagogastroduodenoscopy (EGD) may yield limited results, NaviCam<sup>®</sup> MCCE serves as a minimally invasive alternative. In a clinical trial, it was noted that only 31.4% of patients required a biopsy via gastroscopy. This highlights that nearly 70% of patients underwent MCCE without requiring invasive follow-up procedures.

ESview<sup>™</sup> Software

Revolutionize capsule endoscopy analysis with our Real-Time View Panel, presenting actual anatomical views alongside recently captured images. ESView's intuitive interface and specialized toolbar for NaviCam<sup>®</sup> Xpress<sup>™</sup> interaction empower

physicians with precise control. Streamline

diagnosis with ESView's analysis software, providing

comprehensive video review and interpretation for

confident decision-making in gastrointestinal health.

Enhances Diagnostic Efficiency Distinguishing itself from conventional endoscopy, MCCE eliminates the need for a gastroenterologist at the bedside or patient sedation<sup>2</sup>. This opens avenues for gastric mucosa visualization in various settings including emergency departments, primary care facilities, or underserved rural areas. Additionally, MCCE holds potential to alleviate EGD wait times for non-urgent cases, thereby optimizing healthcare resource allocation.



AnX Robotica 6010 W. Spring Creek Pkwy Plano, TX 75024 855.777.0020 or 469.606.9495 info@anxrobotics.com

#### References

1. Liao Z., Hou X., et al Clin Gastroenterol Hepatol 2016; 14:1266-73

2. Andrew C. Meltzer, MD, MS, Anita Kumar, MD, Samuel J. Kallus, MD, et al. Magnetically controlled capsule for assessment of the gastric mucosa in

- symptomatic patients: a prospective, single-arm, single-center, comparative study. IGIE 2023;1-8.
- 3. Palamidessi N, Sinert R, Falzon L, et al. Nasogastric aspiration and lavage in emergency department patients with hematochezia or melena without hematemesis. Acad Emerg Med 2010;17:126-32.
- 4. Kim Y, Kim SG, Kang HY, et al. Effect of after-hours emergency endoscopy on the outcome of acute upper gastrointestinal bleeding. Korean J Gastroenterol2009;53:228-34.

#### NaviCam® Disclaimer

AnX Robotica's NaviCam® software includes optional functionalities and features designed to assist healthcare providers in operating the NaviCam® system.

Providers shall have the sole and exclusive responsibility for operating the NaviCam<sup>®</sup> software and system and for choosing to use Navicam's optional functionalities and features. Providers shall operate the NaviCam<sup>®</sup> software and system in compliance with all applicable federal and state legal requirements and the requirements of all applicable professional licensing boards relating to providers' professional medical services. Providers using the NaviCam<sup>®</sup> software and system and software and system are solely responsible for interpreting data resulting from the use of the NaviCam<sup>®</sup> software and system and for providing medical services and advice to their patients. AnX Robotica does not provide medical advice or perform medical services. Providers shall operate the NaviCam<sup>®</sup> software and system, including any optional functionalities and features, in their sole discretion, using their professional judgment. The NaviCam<sup>®</sup> software and system is not intended in any way to replace Providers' independent medical review and analysis.

### Converging Robotics & Al...a new vision of GI diagnostic & the rapeutic excellence