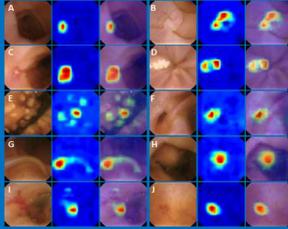


GIE EDITORIAL BOARD SELECTS NAVICAM AS ONE OF IT'S TOP 10 TOPICS FOR ADVANCES IN GI ENDOSCOPY IN 2019



The American Society for Gastrointestinal Endoscopy's GIE Editorial Board reviewed original endoscopy-related articles published during 2019 in Gastrointestinal Endoscopy and 10 other leading medical and gastroenterology journals. Votes from each individual member were tallied to identify a consensus list of 10 topic areas of major advances in GI endoscopy. Individual board members summarized important findings published in these 10 areas of disinfection, artificial intelligence, bariatric endoscopy, adenoma detection, polypectomy, novel imaging, Barrett's esophagus, third space endoscopy, interventional EUS, and training. This document summarizes these "top 10" endoscopic advances of 2019.

Gastrointest Endosc 2020; 92:241-51.

The NaviCam™ News

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ANX OFFERS NON-CONTACT ENDOSCOPY SOLUTION

The current Magnetically controlled capsule endoscopy (MCCE) system consists a magnetic arm, a workstation and a capsule. Patient can wear the data recorder, swallow the single-use capsule on his/her own, and lie on the examination bed. Clinical staff can maneuver the movement of magnetic arm to complete the procedure by sitting beside the workstation. There is no direct contact between clinical staff and the patient.

*"This provides a novel noncontact (infection-free) diagnostic modality for GI diseases (e.g., GI bleeding and gastric cancer) during the COVID-19 pandemic to protect both medical staff (remote controlling, reading, and reporting) and patients (disposable capsule). Of note, signal transmission between rooms could be realized via either cable or fifth-generation communications. The remote-control endoscopy system could be more generalized to public health emergencies and even disasters where non-contact medicine is warranted."**

*VideoGIE . 2020 May 8. doi: [10.1016/j.vgie.2020.04.026](https://doi.org/10.1016/j.vgie.2020.04.026).

The benefits of non-contact endoscopy include:

- Low risk of cross-infection between clinical staff and patients
 - ✓ Physical Isolation
- Low risk of cross-infection between patients and device
 - ✓ Single use capsule, Facemasks can be worn during the procedure
- Simplifies cleaning for the procedure room
 - ✓ Less aerosol in the room, No need for endoscopic disinfection



During this pandemic – and beyond, providers are looking for solutions, to make medical care and treatment safe for patients. AnX Robotica is leading the way with the option of non-contact endoscopy.

AnX Robotica Presents a Deep-Learning–Based AI Model for Differentiating Abnormal Images from Normal Images in SB-CE Examination.



“This algorithm provides an important tool to help gastroenterologists analyze SB-CE images more efficiently and more accurately.” *

*Ding Z., et al., Gastroenterologist-Level Identification of Small-Bowel Diseases and Normal Variants by Capsule Endoscopy Using a Deep-Learning Model. *Gastroenterology*, 2019. 157(4): 1044-1054 e5.

<https://doi.org/10.1053/j.gastro.2019.06.025>

What is needed for this NaviCam™ ProScan feature:

- The CE marked ANKON/ANX Small bowel capsule endoscopy system (NS-I): including a data recorder (AKR-1/AKR-2), software (ESView), and a capsule locator (AKS-1);
- The NaviCam™ engine: SDSS-I or SDSS-II



AnX Robotica

AnX Robotica Corporation, founded in 2019 is an advanced technology medical device company integrating innovative research and development with the mission of providing the medical community with patient-friendly devices for diagnostic and therapeutic applications. AnX products include the “Magnetically Controlled Robotic Capsule Endoscope”.

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