CASE #: 1320IY00

Clinical Spotlight:

WATS3D Detects Barrett's Esophagus and Focal High-Grade/Low-Grade Dysplasia that Forceps Biopsy Missed in a Post-Treatment Patient

CASE SUMMARY:

Patient History:

58-year-old male with newly diagnosed Barrett's esophagus with high-grade dysplasia.

Endoscopy:

Patient underwent EGD with endoscopic mucosal resection plus radiofrequency ablation.

Biopsy Results:

Forceps Biopsy:
Benign esophageal mucosa with erosive esophagitis. Adjacent reactive gastric mucosa with chronic inflammation. No evidence of intestinal metaplasia or dysplasia.

WATS3D:
Columnar epithelium with goblet cell metaplasia, consistent with Barrett's esophagus with focal high-grade dysplasia in a background of low-grade dysplasia.

Impact on Patient Care:

Patient is scheduled for another EGD with endoscopic mucosal resection prior to a paraesophageal hernia repair and Nissen. This will provide a full view of the GEJ and allow removal of all dysplasia.

> "Preventing esophageal cancer begins with early detection. WATS3D allows me to determine those suspicious cells, with a comprehensive diagnosis and treatment path for my patients."

Paul Cartwright, MD
General Surgery
Minimally Invasive Surgical Institute
Columbus, GA