

LCI ENABLES VISUALIZATION

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Patient Indication

This patient had persistent heart burn and atypical chest pain despite medication.

Case Summary

During the EGD examination, the Linked Color Imaging (LCI) technology aided in the detection of a small polyp in the antrum. With white light, there appeared to be a small nodule (see Image 1). With LCI, the polyp became distinguished compared to the surrounding mucosa (see Image 2).

Additionally, the LCI light mode enabled better visualization of the changes in the esophageal junction. With white light, there were areas with perceived mucosal changes (see Image 3). Using LCI, I could clearly visualize the areas in question (see Image 4). Biopsies were directed at the suspected lesion of Barrett's epithelium.

Conclusions

LCI's color enhancement technology can enable detection of polyps compared to traditional White Light Imaging. LCI can also provide confidence when collecting biopsy samples in instances like suspected Barrett's esophagus. Instead of blindly collecting random samples, LCI allows biopsies to be targeted at areas in question.



Image 1:
Polyp under White Light

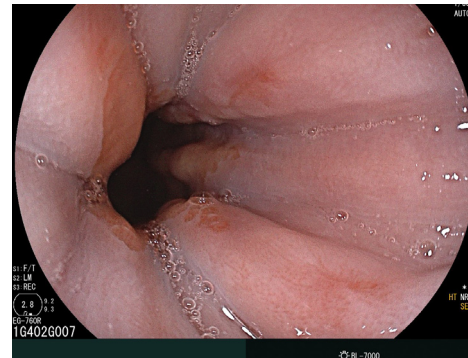


Image 3:
Esophageal Junction under White Light



Image 2:
Polyp under LCI



Image 4:
Esophageal Junction under LCI