

Name of Journal: *Artificial Intelligence in Gastrointestinal Endoscopy*

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Manuscript Type: EDITORIAL

Artificial intelligence in Barrett's esophagus: A renaissance but not a reformation

Chang K *et al.* AI in Barrett's esophagus

Karen Chang, Christian S Jackson, Kenneth J Vega

Abstract

Esophageal cancer remains as one of the top ten causes of cancer-related death in the

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Background and aims: The visual detection of early esophageal neoplasia (high-grade dysplasia and T1 cancer) in Barrett's esophagus (BE) with white-light and virtual chromoendoscopy still remains challenging. The aim of this study was to assess whether a convolutional neural artificial intelligence network can aid in the recognition of early esophageal neoplasia in BE.

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