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Immunohistochemical Markers for Detection of Dysplasia in

Barrett's Esophageal Mucosa

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Original article

Histological Assessment & use of Immunohistochemical Markers for Detection of Dysplasia in Barrett's Esophageal Mucosa

Running Title: Detection of dysplasia in Barrett's Esophagus

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Abstract

Background

Histological assessment of dysplasia in Barrett's esophagus (BE) has high interobserver variability. Hence, use of ancillary markers for early detection of dysplasia in BE is an important clinical question.

Methods

In this retrospective study consecutive cases of BE (n= 59), over a period of 4 years were included. Hematoxylin and eosin stained sections were reviewed independently by 3 senior qualified pathologists, who graded the dysplasia according to the Vienna Classification system and inter-observer agreement was analysed using the Kappa statistics. Subsequently

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