

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 54419

Manuscript Type: REVIEW

Importance of investigating high-risk human papillomavirus in lymph node metastasis of esophageal adenocarcinoma

Sharma P *et al.* Detection of hr-HPV lymph node metastasis in EAC

Preeti Sharma, Shweta Dutta Gautam, Shanmugarajah Rajendra

Abstract

High-risk human papillomavirus has been suggested as a risk factor for esophageal adenocarcinoma. Tumor human papillomavirus status has been reported to confer a favorable prognosis in esophageal adenocarcinoma. The size of the primary tumor and degree of lymphatic spread determines the prognosis of esophageal carcinomas.

Lymph node status has been found to be a predictor of recurrent disease as well as 5

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Importance. High-risk human papillomavirus (HPV) has been associated with **Barrett dysplasia and esophageal adenocarcinoma**. Nevertheless, the prognostic significance of **esophageal tumor HPV status**

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HPV and Esophageal Cancer: What's the Link?

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Mar 22, 2020 · **Barrett esophagus** (BE) is currently the only known precursor lesion to **esophageal adenocarcinoma** (EAC), 1 of the fastest-growing and deadliest cancers in the Western world. Although **high-risk human papillomavirus** (HPV) has been linked to Barrett dysplasia and EAC, the prognostic significance of **esophageal tumor HPV status** was previously undetermined.

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Publish Year: 2018

Papillomavirus type 16 E6/E7 and human telomerase reverse ...

<https://www.sciencedirect.com/science/article/pii/S0304383506000309>

Infection with high-risk **human** papillomavirus (HPV) has been implicated in the pathogenesis of **esophageal** squamous cell carcinoma, and up-regulation of telomerase in **esophageal adenocarcinoma**. We immortalized normal **esophageal** epithelial cells by over-expression of the HPV16 E6 / E7 and **human** telomerase reverse transcriptase (hTERT) genes.

Cited by: 27

Author: Hao Zhang, Yuesheng Jin, Xuehua Chen, C...

Publish Year: 2007

Survival in High-grade Barrett Dysplasia and Esophageal ...

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Aug 03, 2018 · **Importance** High-risk human papillomavirus (HPV) has been associated with **Barrett dysplasia and esophageal adenocarcinoma**. Nevertheless, the prognostic significance of **esophageal tumor HPV status** is unknown.

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Author: Shanmugarajah Rajendra, Shanmugarajah ...

Publish Year: 2018

Human papillomavirus is detectable in Barrett's esophagus ...

<https://www.researchgate.net/publication/49693761...>

Importance The presence of **high-risk human papillomavirus** (HPV) has been associated with a favorable outcome in **Barrett high-grade dysplasia** (HGD) and **esophageal adenocarcinoma** (EAC).

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[High-risk human papilloma virus \(HPV\) and survival in ...](#)

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High-risk HPV type infections is detected with **polymerase chain reaction** (PCR) in approximately 15% of **esophageal carcinoma** patients . The **incidence of high-risk HPV** type in **esophageal carcinoma** varies between different geographical areas .

Cited by: 71

Author: Martin Dreilich, Michael Bergqvist, Martin ...

Publish Year: 2006

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