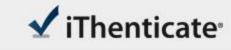
FAQ



Name of Journal: Artificial Intelligence in Gastroenterology

Manuscript NO: 57853

Manuscript Type: MINIREVIEWS

Artificial intelligence for the study of colorectal cancer tissue slides

Formica V et al. AI in CRC

Vincenzo Formica, Cristina Morelli, Silvia Riondino, Nicola Renzi, Daniele Nitti, Mario Roselli

### Abstract

Artificial intelligence (AI) is incredibly gaining momentum as companion diagnostic in a number of fields in oncology. In the present mini-review we summarize main uses Match Overview

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S Hveem et al. "Deep learning for prediction of colorectal ...

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with colon cancer. However, additional prognostic markers could be detected on pathological slides using artificial intelligence tools. DESIGN: We have developed a software to detect colon tumour, healthy mucosa, stroma and immune cells on CD3 and CD8 stained slides. The lymphocyte density and

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### Artificial intelligence classifies colorectal cancer using ...

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Apr 01, 2020 · Objective Diagnostic tests, such as Immunoscore, predict prognosis in patients with colon cancer. However, additional prognostic markers could be detected on pathological slides using artificial intelligence tools. Design We have developed a software to detect colon tumour, healthy mucosa, stroma and immune cells on CD3 and CD8 stained slides.

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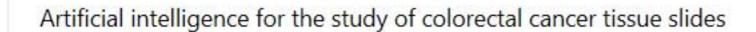
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# Artificial Intelligence in Colorectal Cancer Screening ...

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Aug 21, 2020 Recently, Alessandro Repici, MD, of the Digestive Endoscopy Unit at the Humanitas Research Hospital in Rozzano, Italy, and colleagues conducted the Artificial Intelligence for Colorectal Adenoma Detection Rate (AID) study (ClinicalTrials.gov Identifier: NCT04079487) to evaluate the safety and officacy of a new CADs system in the detection of



