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**Manuscript Type:** ORIGINAL ARTICLE

*Randomized Controlled Trial*

**Diagnostic value of novel retroflexion colonoscopy in the right colon: A randomized controlled trial**

Retroflexion colonoscopy in proximal colon

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## Abstract

### BACKGROUND

Colonoscopy is the accepted gold standard for the detection of colorectal cancer. However, <sup>1</sup>colonoscopy is less effective in preventing colon cancer on the right side compared with the left side.

### AIM

To investigate the feasibility of a novel retroflexion colonoscopy, EC-3490Ti colonoscope, for detection of proximal colon lesions.

### METHODS

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## Impact of Retroflexion Vs. Second Forward View Examination ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4535185>

Retroflexion in the right colon can be safely achieved in the majority of patients undergoing colonoscopy for colorectal cancer screening. In this randomized controlled trial, we found that reexamination of the right colon in either retroflexed or forward view yielded similar, incremental adenoma detection rates.

Cited by: 71

Author: Vladimir M Kushnir, Young S Oh, Thomas...

Publish Year: 2015

## Proximal retroflexion versus second forward view of the ...

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The primary analysis comparing colonoscopy with right-sided retroflexion versus conventional colonoscopy to determine the per-adenoma miss rate in the right colon was 16.9% (95% confidence

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## Diagnostic yield of scope retroflexion in the right colon ...

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Cited by: 17

Author: Konstantinos Triantafyllou, Georgios Tziat...

Publish Year: 2016

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<https://journals.sagepub.com/doi/pdf/10.1177/2050640620924210> ▾

Methods: We performed a multicentre randomized controlled trial of patients from the colorectal cancer screening programme with a positive faecal immunochemical test. Patients were randomized to a second right colon exam-ination using proximal retroflexion or forward view. Results: A total of 692 patients were included.

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Background Colonoscopy is the gold standard investigation for the detection of colorectal cancer, but the





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Proximal **retroflexion** versus second forward view of the **right colon** during screening **colonoscopy**: A multicentre **randomized controlled trial** May 2020 United European Gastroenterology Journal 8(6 ...

## Retroflexion in the Entire Colon for the Detection of ...

<https://clinicaltrials.gov/ct2/show/NCT03735953>

Nov 08, 2018 · In order to **evaluate how effective colon retroflexion** is at detecting polyps in the total **colon** the investigators plan on performing a randomized, controlled trial. Patients undergoing screening or **follow up colonoscopy** will be invited to participate in the study.

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