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**Effect of antifoaming agent on benign colorectal tumors in colonoscopy: A meta-analysis**

Zhang H *et al.* Antifoaming agent on benign colorectal tumors

Hu Zhang, Jing Gong, Lin-Song Ma, Ting Jiang, Heng Zhang

## Abstract

### 1 BACKGROUND

Although several trials have shown that the addition of antifoaming agents to polyethylene glycol (PEG) can improve bowel preparation, whether PEG plus antifoaming agents have a beneficial role in the detection of benign tumors during colonoscopy has yet to be confirmed. Our aim was to clarify whether adding

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Effect of antifoaming agent on benign colorectal tumors in colonoscopy



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Effect of Antifoaming Agent on Colorectal Benign Tumours in Colonoscopy: A Meta-Analysis. May 2020 ... adding simethicone to PEG solution could improve the effect of detection of colorectal benign ...

## Higher dose of simethicone decreases colonic bubbles and ...

<https://www.wjgnet.com/2308-3840/full/v7/i3/110.htm> ▾

This anti-foaming agent reduces the surface tension of air bubbles so they merge and are easily passed via belching or flatulence. In this meta-analysis, simethicone use resulted in a 50% reduction in inadequate bowel preparation and an almost 50% improvement in colonic bubbles during colonoscopy.

Author: Mohammad F Madhoun, Maham Hay... Publish Year: 2019

## Simethicone decreases bloating and improves bowel ...

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Background and aims: Combining simethicone (SIM) with a colon preparation agent has been shown to improve mucosal visibility during screening colonoscopy, but its effect on the adenoma detection ...

## Performance measures for small-bowel endoscopy: A ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6545716>

May 15, 2019 · RCTs demonstrate that antifoaming agents improve the quality of mucosal visualization, 10,14 and meta-analyses have concluded that simethicone has a positive impact on the quality of preparation as it significantly decreases the presence of luminal bubbles/foam. 14,17,18,24,26,34 –55 The combination of purgatives and antifoaming agents does ...

Cited by: 7 Author: Cristiano Spada, Deirdre McNamara, Edw...

Publish Year: 2019

## Antiflatulent agent (Concept Id: C0003305)

<https://www.ncbi.nlm.nih.gov/medgen/8123>

Natural or synthetic compounds usually administered orally, Antiflatulent Agents relieve or prevent flatulence, excess gas in the stomach and intestines, by adsorbing the gas, stimulating intestinal elimination of gas, or preventing gas formation. Alpha-galactosidase and activated charcoal are used



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## (PDF) Effect of Antifoaming Agent on Colorectal Benign ...

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Abstract and Figures Background: Although several trials have showed that addition of **antifoaming agent** to **polyethylene glycol (PEG)** can improve bowel preparation, whether PEG plus antifoaming...

## Effect of Adding Simethicone to Split-dose Polyethylene ...

<https://clinicaltrials.gov/ct2/show/NCT03816774> ▾

Jan 25, 2019 · Colonoscopy is currently accepted as the gold standard in screening, surveillance and prevention for **colorectal cancer** (CRC), and therefore, its quality is a major priority. The quality of colonoscopy is greatly dependent on the quality of the bowel preparation.

## Antiflatulent Agent (Concept Id: C0003305)

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Natural or synthetic compounds usually administered orally, Antiflatulent **Agents** relieve or prevent flatulence, excess gas in the stomach and intestines, by adsorbing the gas, stimulating intestinal elimination of gas, or preventing gas formation. Alpha-galactosidase and activated charcoal are used against flatulence. (NCI04)

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[https://www.ageb.be/Articles/Volume 82 \(2019\)/Fasc3/09-Li.pdf](https://www.ageb.be/Articles/Volume 82 (2019)/Fasc3/09-Li.pdf)

rate on colonoscopy, but with better gastrointestinal tolerability and acceptability. (Acta gastroenterol. belg., 2019, 82, 407-415). Key words : simethicone, polyethylene glycol, cecal intubation rate, **meta-analysis** 1. Introduction **Colorectal cancer** (CRC) is one of most common **cancer** in the world, as its incidence and mortality has

## The effect of simethicone on postoperative ileus in ...