COMPARATIVE ANALYSIS OF EFFICACY AND SAFETY BETWEEN ORAL SODIUM SULFATE TABLET AND 1 L POLYETHYLENE GLYCOL PLUS ASCORBATE

Dong-Hoon Yang

UEG Week Copenhagen 2023 | Poster

Colorectal

October 15, 2023

A randomized study of 171 patients found that oral sodium sulfate tablets and 1 L polyethylene glycol plus ascorbate achieved similar bowel cleansing efficacy for colonoscopy, though the tablet formulation produced significantly fewer bubbles and better patient tolerability.

KEY POINTS

- Both preparations achieved similar bowel preparation success rates (95.4% for oral sodium sulfate tablets versus 96.4% for 1 L PEG-A, p=0.736) and Boston bowel preparation scale scores (8.0±1.3 versus 7.7±1.4, p=0.215).
- Oral sodium sulfate tablets produced significantly fewer colonic bubbles than 1 L PEG-A (bubble scale 0.2±0.9 versus 1.9±1.7, p<0.001).
- Patients using oral sodium sulfate tablets reported lower nausea frequency (14.9% versus 38.1%, p=0.001) and higher overall satisfaction scores (8.1±2.1 versus 6.4±2.8, p<0.001).
- All adverse events were mild in both groups, and adenoma detection rates were similar (59.6% versus 41.9%, p=0.087).
- This study is relevant for gastroenterologists and endoscopy units seeking to optimize bowel preparation protocols and patient experience.

VIEW THIS CONTENT ON GUTFLIX

https://gutflix.eu/search/d/acf949d8-743c-11ee-93bb-0242ac140004

AI-generated summary

This summary was generated by an AI large language model based on the content transcript. It is for informational purposes only and should not be considered a substitute for clinical judgment. Always rely on your professional expertise and the full clinical context when making clinical decisions.