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**Name of Journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 56995

**Manuscript Type:** ORIGINAL ARTICLE

*Clinical Trials Study*

**Pediatric bowel preparation: Sodium picosulfate, magnesium oxide, citric acid vs polyethylene glycol a randomized trial**

Cuffari C *et al.* Pediatric bowel preparation with SPMC vs PEG

Carmen Cuffari, Steven L Ciciora, Masakazu Ando, Mena Boules, Joseph M Croffie

**Abstract**

BACKGROUND

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## [Effectiveness of Sodium Picosulfate/Magnesium Citrate ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4213938)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4213938>

Oct 28, 2014 · **Bowel preparation** method. Each colonoscopy was scheduled at 9 AM, and all the patients had a meal at 6 PM the day before the colonoscopy. PICO (10 mg of **sodium picosulfate**, 3.5 g of **magnesium oxide**, and 12 g of **citric acid**; Picolight, Pharmbio, Seoul, Korea) and 4 L of PEG (236 g of PEG, 22.97 g of potassium chloride, 5.86 g of **sodium** chloride, 6.74 g of **sodium** bicarbonate, and ...

**Cited by:** 9**Author:** Ki Hwan Song, Wu Seok Suh, Jin Sik Jeong,...**Publish Year:** 2014

## [Efficacy and Safety of a Ready-To-Drink Bowel Preparation ...](https://pubmed.ncbi.nlm.nih.gov/31205487)

<https://pubmed.ncbi.nlm.nih.gov/31205487>

Background: We performed a **randomized**, controlled, assessor-blinded, multicenter, non-inferiority (NI) study to compare the safety and efficacy of a ready-to-drink formulation of **sodium picosulfate**, **magnesium oxide**, and **citric acid** (SPMC oral solution) with a powder formulation (P/MC powder) for oral solution. Methods: Eligible participants (adults undergoing elective colonoscopy) were ...

## [Bowel Preparations for Colonoscopy: An RCT | American ...](https://pediatrics.aappublications.org/content/134/2/249)

<https://pediatrics.aappublications.org/content/134/2/249> ▾

Aug 01, 2014 · BACKGROUND: The ideal **preparation** regimen for **pediatric** colonoscopy remains elusive, and available preparations continue to represent a challenge for **children**. The aim of this study was to compare the efficacy, safety, tolerability, and acceptance of 4 methods of **bowel** cleansing before colonoscopy in **children**. METHODS: This **randomized**, investigator-blinded, noninferiority **trial** enrolled ...

**Cited by:** 16**Author:** Giovanni Di Nardo, Marina Aloj, Salvatore C...**Publish Year:** 2014[DailyMed: GLENDIO, sodium picosulfate, magnesium oxide](#)





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Pediatric bowel preparation: Sodium picosulfate, magnesium oxide,



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## [Bowel Preparations for Colonoscopy: An RCT | American ...](#)

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Aug 01, 2014 · BACKGROUND: The ideal **preparation** regimen for **pediatric colonoscopy** remains elusive, and available preparations continue to represent a challenge for **children**. The aim of this study was to compare the efficacy, safety, tolerability, and acceptance of 4 methods of **bowel** cleansing before colonoscopy in **children**. METHODS: This **randomized**, investigator-blinded, noninferiority **trial** enrolled ...

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Author: Giovanni Di Nardo, Marina Aloï, Salvatore C...

Publish Year: 2014

## [Study Assessing CLENPIQ as Bowel Preparation for Pediatric ...](#)

<https://clinicaltrials.gov/ct2/show/NCT04113382> ▾

Oct 02, 2019 · CLENPIQ consists of **sodium picosulfate** 10.0 mg + **magnesium oxide** 3.5 g + **citric acid**, anhydrous 12.0 g. Supplied as a pre-mixed, ready-to-drink oral solution in two bottles, each containing 160 mL. Active Comparator: Participants aged 2 to <4 years: MIRALAX

## [Polyethylene glycol vs sodium picosulfate/magnesium ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4423298>

Oct 24, 2014 · Background and study aims: **Polyethylene glycol**-based electrolyte solutions (PEG-ELS) and the combination of **sodium picosulfate/magnesium** citrate (SPMC) are commonly used **bowel preparation** agents. The aim of the present study was to compare the two agents with regard to cleansing efficacy and tolerance among individuals scheduled for outpatient colonoscopy.

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## [Bowel Preparations for Colonoscopy: An RCT | American ...](#)

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Aug 01, 2014 · BACKGROUND: The ideal **preparation** regimen for **pediatric** colonoscopy remains elusive, and available preparations continue to represent a challenge for **children**. The aim of this study was to compare the efficacy, safety, tolerability, and acceptance of 4 methods of **bowel** cleansing before colonoscopy in **children**. METHODS: This **randomized**, investigator-blinded, noninferiority **trial** ...

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**Cited by:** 9**Author:** Kristian Leitaø, Tore Grimstad, Michael Br...**Publish Year:** 2014

## [A randomized clinical prospective trial comparing split ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6438535>

Mar 28, 2019 · Klare P, Poloschek A, Walter B, Rondak IC, Attal S, Weber A, et al. Single-day **sodium picosulfate** and **magnesium** citrate versus split-dose **polyethylene glycol** for **bowel** cleansing prior to colonoscopy: A prospective **randomized** endoscopist-blinded **trial**.

**Cited by:** 1**Author:** Alaa Rostom, Catherine Dube, Kirles Bis...**Publish Year:** 2019