

胆汁槟榔维B1胶囊联合复方聚乙二醇电解质散在肠镜检查前的肠道准备效果观察

《现代肿瘤医学》[ISSN:1672-4992/CN:61-1415/R] 期数: 2019年11期 页码: 1926-1930 栏目: 论著 (消化·泌尿系肿瘤) 出版日期: 2019-04-30

Title: Observation of the curative effect of Puritybile Capsules combined with Polyethylene Glycol Electrolyte Powder in electronic colonoscopy preparation

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关键词: 胆汁槟榔维B1胶囊; 复方聚乙二醇电解质散; 电子肠镜; 肠道准备

Keywords: Puritybil Capsules; Polyethylene Glycol Electrolyte Powder; electronic colonoscopy; bowel preparation

分类号: R730.49

DOI: 10.3969/j.issn.1672-4992.2019.11.019

文献标识码: A

摘要: 目的: 探讨胆汁槟榔维B1胶囊联合复方聚乙二醇电解质散在电子肠镜检查前肠道准备中的应用效果。方法: 选取2017年1月至2017年12月来我院行电子肠镜检查的180例病人为研究对象, 并随机等分为A、B、C三组, A组病人于肠镜检查前6 h口服3盒复方聚乙二醇电解质散; B组病人于肠镜检查前1 d口服胆汁槟榔维B1胶囊; C组患者在检查前1 d口服胆汁槟榔维B1胶囊, 并于肠镜检查前6 h口服3盒复方聚乙二醇电解质散。比较三组病人的排便次数、肠道清洁效果、肠道清洁范围、气泡量及不良反应发生情况。结果: C组病人肠道清洁效果、肠道清洁范围、气泡产生量显著优于A、B组, 差异具有统计学意义 ($P<0.05$), 肠道清洁效果与气泡产生量A组与B组差异无统计学意义 ($P>0.05$); 排便次数B、C组少于A组 ($P<0.05$), 且B组少于C组, 差异有统计学意义 ($P<0.05$); 不良反应发生情况B组低于A、C组 ($P<0.05$), A组与C组差异无统计学意义 ($P>0.05$)。结论: 胆汁槟榔维B1胶囊联合复方聚乙二醇电解质散行肠道准备可明显提高肠道清洁效果、肠道清洁范围、降低气泡产生量, 并且不良反应发生率不高于单独使用复方聚乙二醇电解质散, 能够取得更加满意的肠道准备效果, 可在肠镜检查前肠道准备中广泛推广。

Abstract: Objective: To explore the effect of Puritybile Capsules combined with Polyethylene Glycol Electrolyte Powder in bowel preparation before electronic colonoscopy. Methods: Total of 180 cases of electronic colonoscopy in our hospital from January 2017 to December 2017 were selected and divided into three groups randomly. Patients in group A were treated with 3 boxes of Polyethylene Glycol Electrolyte Powder 6 hours before the examination. In group B, patients took Puritybile Capsules one day before the examination. Group C took Puritybile Capsules one day before the examination and used the same dose of Polyethylene Glycol Electrolyte Powder 6 hours before. Compare the number of bowel movements, intestinal cleansing effect, intestinal cleaning scope, bubble volume and adverse reactions between the three groups. Results: Intestinal cleanliness, intestinal cleaning scope, bubble volume in group C were significantly better than that in group A and group B ($P<0.05$), and intestinal cleanliness, bubble volume were no significant difference between group A and group B ($P>0.05$). The number of bowel movements in group B and group C were less than group A ($P<0.05$), and group B was less than group C ($P<0.05$). However the incidence of adverse reactions in group B was lower than that in group A and C ($P<0.05$), there was no significant difference between group A and group C ($P>0.05$). Conclusion: Bowel preparation treated Puritybile Capsules combined with Polyethylene Glycol Electrolyte Powder can improve the intestinal cleaning effect, intestinal cleaning scope, and reduce the production of bubbles obviously. The incidence of adverse reactions in combination combined drug group was no more than that took Polyethylene Glycol Electrolyte Powder alone. Combination obtains a more satisfactory intestinal preparation effect. It can be widely used in the preparation of enteroscopy.

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备注/Memo: National Natural Science Foundation of China(No.81672427) ; 国家自然科学基金面上项目 (编号: 81672427) ; 辽宁省自然科学基金 (编号: 20180550277)

更新日期/Last Update: 2019-04-30