Split-dose low-volume bowel preparation, a feasible option for preparation for colonoscopy

Endoscopy 2016; 48: 197

This electronic reprint is provided for non-commercial and personal use only: this reprint may be forwarded to individual colleagues or may be used on the author’s homepage. This reprint is not provided for distribution in repositories, including social and scientific networks and platforms.

Publishing House and Copyright:
© 2016 by
Georg Thieme Verlag KG
Rüdigerstraße 14
70469 Stuttgart
ISSN 0013-726X

Any further use only by permission of the Publishing House
We read with great interest the article by Mussetto et al. [1] on split-dose low-volume preparation for bowel cleansing (15 mg bisacodyl plus 2 L polyethylene glycol [PEG] solution) being better tolerated yet as effective as split-dose high-volume preparation (4 L PEG solution) in patients with previous colorectal resection. Traditionally, our center used low-volume preparation (10 mg bisacodyl for 2 days plus 2 L PEG solution) for bowel preparation for colonoscopy, which has been shown to be as good as 4 L PEG solution [2]. The PEG solution was taken on the evening before if the colonoscopy was scheduled in the morning. Subsequently, we changed our practice to administer the PEG solution on the same morning, on the basis of the findings from the study by Chiu et al. [3], which clearly demonstrated that this was better.

We were uncertain of the effect of splitting the already low-volume preparation. We proceeded to conduct a randomized, investigator-blinded study on 295 patients attending for a morning outpatient colonoscopy, and found that splitting the low-volume preparation was better tolerated yet as effective when compared with taking the whole dose on the same morning [4]. To the best of our knowledge, we were the first to report on the use of split-dose low-volume preparation and to compare these regimes. With the report from Mussetto et al., there are now at least two studies showing that split-dose low-volume preparation is a feasible option for bowel preparation for colonoscopy, with a better patient tolerability profile.

Competing interests: None

References
4 Chan WK, Azmi N, Mahadeva S et al. Split-dose vs same-day reduced-volume polyethylene glycol electrolyte lavage solution for morning colonoscopy. World J Gastroenterol 2014; 20: 14488–14494

Ahmad Najib Azmi, MBBS
Faculty of Medicine and Health Sciences Universiti Sains Islam Malaysia
13th Floor, Menara B, Persiaran MPJAJ Jalan Pandan Utama, Pandan Indah 55100 Kuala Lumpur Malaysia
Fax: +60-3-42802477
najibaz@usim.edu.my