عنوان فارسی مقاله:
تأثیر تحریک الکتریکی عملکردی عضلات شکم (FES) در درمان یبوست مزمن در بیماران مبتلا به مولتیپل اسکلروزیس: مطالعه پایلوت

عنوان انگلیسی مقاله:
The Efficacy of Functional Electrical Stimulation of the Abdominal Muscles in the Treatment of Chronic Constipation in Patients with Multiple Sclerosis: A Pilot Study

توجه!
این فایل تنها قسمتی از ترجمه می‌باشد. برای تهیه مقاله ترجمه شده کامل با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک کنید.
4. Discussion

The findings of the present pilot study have shown that FES applied to the abdominal muscles improved gut motility, as demonstrated objectively by reduction in the whole gut transit time, as well as the colonic transit time. Furthermore, all patients reported better constipation-related quality of life after the six-week treatment. The patients’ use of laxatives had also reduced. There were no adverse effects of the FES treatment.

Although statistical analysis was not carried out because of the small sample size, there was clear improvement in the gut motility in all study patients. This is particularly important because of the objective nature of the evidence of reduced whole gut and bowel transit time and also because it was in agreement with the patients’ reported improvement in quality of life. We used the SmartPill for the measurement of the whole gut and the bowel transit time. The safety, reliability, and validity of this method has been previously established [14].