

[1]赵松,刘宝华,付涛,等.结肠传输试验在慢传输型便秘诊断中的应用[J].第三军医大学学报,2013,35(21):2289-2291.

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结肠传输试验在慢传输型便秘诊断中的应用(PDF)分享

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Title: Application of colonic transit test in diagnosis of slow transit constipation

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关键词: [结肠传输试验](#); [便秘](#); [诊断](#)

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摘要: 目的 探讨结肠传输试验在慢传输型便秘 (slow transit constipation, STC) 诊治中的价值和意义。 方法 收集2007年9月至2013年5月于我院行结肠传输试验的414例受检者的资料, 包括男性87例, 女性327例, 年龄13~82岁, 平均45.9岁, 临床表现大便次数减少、便意减弱, 可伴随有大便干结、排便费力, 部分患者需要手助排便, 病程3~37年, 平均10.7年, 病情符合罗马III诊断标准。受检者口服含有20粒不透光标记物的胶囊, 观察其在服药后24、48、72 h腹部立位片中标记物的分布情况, 比较各组标记物数量的差异。 结果 414例按72 h残留于大肠的标记物的数量进行分组, >20%为阳性组, ≤20%为阴性组, 阳性组197例, 阴性组217例。两组在各时间点差异具有统计学意义 ($P<0.05$)。 结论 结肠传输试验可以如实地反映在人群结肠传输功能方面确实存在的不同程度的异常, 结肠传输试验宜反复、多次检查, 使结果更为准确。

Abstract: **Objective** To investigate the value and significance of colonic transit tests in the diagnosis of slow transit constipation. **Methods** Clinical data and images of 414 peoples who underwent colonic transit tests in our department from September 2007 to May 2013 were collected in this study. They were 87 males and 327 females, with a mean age of 45.9 years, ranging from 13 to 82. Their

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manifestations included reduced stool frequency, and decreased desire to defecate, accompanied with dry stool, and laborious defecation. Their course of disease ranged from 3 to 37 years, with a mean time of 10.7 years. They all conformed to the diagnostic criteria of Rome III. After the patients taking 20 capsules containing mark, the distribution of mark were observed in 24, 48 and 72 h after taking by abdominal vertical radiography. Results These 414 peoples were divided into 2 groups according to the numbers of marks in the colorectum after 72 h, that is, 197 peoples having more than or equal 5 marks, and 217 peoples having not. There were significantly difference in each time point between the 2 groups ($P<0.05$). Conclusion This test shows the difference of colon transportation function, but these are different ideas on whether the test can be used as the standards for the diagnosis of STC. More data are needed to obtain further results. And these tests can be done in one people for several times, to make the result much closer to the truth.

参考文献/REFERENCES:

赵松, 刘宝华, 付涛, 等. 结肠传输试验在慢传输型便秘诊断中的应用[J]. 第三军医大学学报, 2013, 35(21): 2289-2291.

相似文献/REFERENCES:

[1] 吴劲松, 刘宝华, 童卫东, 等. 阿片受体信号调节相关蛋白RGS4及B-arrestin2在泻剂结肠大鼠结肠中的表达变化[J]. 第三军医大学学报, 2013, 35(21): 2274.

Wu Jinsong, Liu Baohua, Tong Weidong, et al. Expression profile of RGS4 and B-arrestin 2 in colon of cathartic colon rats[J]. J Third Mil Med Univ, 2013, 35(21): 2274.

[2] 吴劲松, 刘宝华, 童卫东, 等. 泻剂结肠大鼠模型阿片受体表达变化[J]. 第三军医大学学报, 2013, 35(21): 2278.

Wu Jinsong, Liu Baohua, Tong Weidong, et al. Expression of opioid receptors in colon of cathartic colon rats[J]. J Third Mil Med Univ, 2013, 35(21): 2278.

[3] 王李, 高羽, 刘正勇, 等. 肛门直肠测压在便秘诊断中的作用[J]. 第三军医大学学报, 2013, 35(21): 2286.

Wang Li, Gao Yu, Liu Zhengyong, et al. Significance of anorectal manometry in diagnosis of constipation[J]. J Third Mil Med Univ, 2013, 35(21): 2286.