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### 商丘市市区、郊区和乡村小学生蛲虫感染及污染情况调查

崔金环1, 王琛1\*, 徐颖1, 满娜1, 崔月1, 杨霞2, 崔艳梅1

1 商丘医学高等专科学校, 商丘 476100; 2 商丘市中医院, 商丘 476100

### Survey on Pinworm Infection and Egg Contamination Among Urban, Suburban and Rural Pupils in Shangqiu City

CUI Jin-huan1, WANG Chen1\*, XU Ying1, MAN Na1, CUI Yue1, YANG Xia2, CUI Yan-mei1

1 Shangqiu Medical College, Shangqiu 476100, China; 2 Shangqiu Hospital of Traditional Chinese Medicine, Shangqiu 476100, China

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**摘要** 2012年3~4月采用透明胶带黏贴法对商丘市市区、郊区和乡村小学学前班及一年级小学生的蛲虫感染状况, 以及蛲虫卵污染状况进行调查。共检查3所学校798名儿童, 蛲虫总感染率为9.9% (79/798)。市区学生的蛲虫感染率为4.6% (12/260), 低于郊区的11.2% (30/269) 和乡村的13.8% (37/269) ( $P<0.01$ )。蛲虫感染学生的指甲缝、手指、床单、内裤和文具的蛲虫卵污染率分别为23.8% (5/21)、18.0% (9/50)、15.8% (3/19)、12.9% (4/31) 和5.0% (2/40), 差异无统计学意义 ( $P>0.05$ )。

**关键词:** 商丘市 蛲虫 蛲虫卵 感染率

**Abstract:** Seven hundred and ninety-eight preschool children and grade one pupils from three schools in the city of Shangqiu were sampled randomly in urban, suburban and rural areas. The transparent tape method was used to examine the infection of pinworm and the contamination of pinworm eggs on the environments. The average infection rate of pinworm was 9.9% (79/798). The prevalence of pinworm infection among the pupils of urban (4.6%) was statistically lower than those of suburban (11.2%) and rural (13.8%) ( $P<0.01$ ). The contamination rate of pinworm eggs from armor, fingers, bedclothes, briefs, and stationery in infected pupils are 23.8% (5/21), 18.0% (9/50), 15.8% (3/19), 12.9% (4/31) and 5.0% (2/40), respectively, which showed no statistical significance ( $P>0.05$ ).

**Keywords:** Shangqiu City *Enterobius vermicularis* Egg Infection rate

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