



宁海县幼儿园儿童蛲虫感染现状调查

浙江省宁海县疾病预防控制中心, 宁海 315600

Investigation of Pinworm Infection among Kindergarten Children in Ninghai County

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摘要 为了解浙江省宁海县各类幼儿园儿童蛲虫感染现状, 于2009年4月~2010年11月对宁海县各乡镇(街道) 39所日托幼儿园入园儿童进行蛲虫感染调查。儿童晨间入园时采用透明胶纸肛拭检查, 每人1次。共检查儿童6 257名, 检出蛲虫感染460例, 感染率为7.4% (460/6 257)。其中男童感染率为7.7% (260/3 359), 女童感染率为6.9% (200/2 898); 不同年级中, 小班学生感染率最低(4.6%, 77/1 667), 大班学生感染率最高(9.7%, 252/2 594), 3个不同年级感染率之间的差异具有统计学意义($\chi^2=36.8, P<0.01$); 公办幼儿园儿童蛲虫感染率(6.5%, 255/3 927) 低于民办幼儿园(8.8%, 255/2 330) ($\chi^2=11.4, P<0.01$); 城镇幼儿园儿童蛲虫感染率(12.4%, 199/1 611) 明显高于农村幼儿园(5.6%, 261/4 646) ($\chi^2=79.7, P<0.01$)。提示, 宁海县幼儿园儿童蛲虫感染率较高, 各类幼儿园间感染率有差异。

关键词: 蛲虫 幼儿园儿童 感染现状

Abstract: 6 257 children in 39 kindergartens were examined by adhesive tape wiping in the morning during April, 2009 to November, 2010, and 460 children were found pinworm infected with a prevalence of 7.4% (460/6 257), 7.7% (260/3 359) in girls and 6.9% (200/2 898) in boys. Children in junior class had lowest infection rate of 4.6% (77/1 667), while children in senior class had highest rate of 9.7% (252/2 594) ($\chi^2=36.8, P<0.01$). Furthermore, the rate in public kindergartens (6.5%, 255/3 927) was lower than that in private kindergartens (8.8%, 255/2 330) ($\chi^2=11.4, P<0.01$), and the rate in urban kindergartens (12.4%, 199/1 611) was much higher than that in rural kindergartens (5.6%, 261/4 646) ($\chi^2=79.7, P<0.01$). Evidently, pinworm prevalence is high in children in Ninghai, and it is higher in private and urban kindergartens than in public and rural ones respectively.

Keywords: Pinworm Kindergarten children Infection

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