

污染水居民发病率为11.59%。其余住宅为生活接触传播,家庭续发率为15.39%,呼吸道传播途径可排除。

ABSTRACT

From December 1982 to February 1983, an outbreak of adult diarrhea occurred in a coal mine area nearby Jin-Zhou. The disease was characterized by a very short incubation period with a cholera-like clinical manifestations: very fast prevalent, sudden onset, severe choleraic watery diarrhea and vomiting with no or low fever. The patients involved were mostly adults, although all age ranges could be affected. No antibiotics were effective, but it was self-limited, having a duration of 4 to 7 days. The total 7369 cases were found in eight residential areas of the coal mine. The incidence was estimated as 14.25%, but it fluctuated from 31.39%, 27.39% and 22.39% (the three residential areas with a common water supply) to the

lowest incidence of 5.44% in rest areas. The water supply for those with high incidences was proved to be polluted and the incidence could reach to the peak of 32.58%. Nevertheless, the inhabitants in the same community using individual self-supplied water (deep water) had a much lower incidence (11.59%). The consecutive familial incidence was also investigated (15.39%) and the respiratory route of spreading of the disease was definitely excluded.

参 考 文 献

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4. Hung Tao et al: Kexue Tongbao (A Monthly Journal of Science), 28 (6): 842, 1983, June. (参加本项工作者尚有: 王志生、郝德山、张国恒、范春生、胡景芳、李洪霞、王占东、陈莉、薛庆华、张殿琴等同志)

连云港港口小学生及铁路职工鞭虫感染调查

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鞭虫感染和蛔虫感染均分布很广。在热带和温带地区两者往往同时存在,但国内有关教科书及调查报告,鞭虫感染率常低于蛔虫。我们在1975年曾发现连云港港口小学生鞭虫感染率高于蛔虫,1980年7~9月进行了调查,结果如下。

一、粪检方法: 用塑料圆管饱和盐水漂浮法,定量0.5克,25~30分钟,对鞭虫卵阳性者进行虫卵计数。

二、蔬菜瓜果检查: 在调查期间对市场出售的蔬菜、瓜果(蕃茄、黄瓜),用水洗沉淀法检查鞭虫卵。

三、药物治疗: 对鞭虫卵阳性者,随机抽样分组,用甲苯咪唑(Mebendazole)及酚嘧啉(Oxantel)进行了治疗观察。详见另文报道(徐州医学院寄生虫学研究室: 徐州医学院学报, 1: 30, 1981)。

四、结果: 鞭虫感染率: 见附表。

对284人进行了鞭虫卵计数,平均克粪卵为669个,最少为64个,最高为9,870个,铁路小学一、二年级单

附表 连云港鞭虫病等调查统计

单 位	人 数	肠 道 寄 生 虫		
		鞭 %	蛔 %	钩 %
铁路学校一、二、三年级	145	113	60	5
四年级以上	191	129	86	13
临海小学二年级	138	105	67	4
铁路职工	237	78	46	16
铁路职工学校	124	74	39	8
合 计	835	499	298	46
		59.7	35.6	5.5

独统计,143人平均克粪卵达1,301个,蔬菜瓜果检查结果,未发现鞭虫卵。