AUTHOR'S REPLY

Dear Sir,

We thank Professor Wiwanitkit for his comments.⁽¹⁾ In our study, the prevalence of human bocavirus (HBoV) infection was 9.1% (20/220),⁽²⁾ which is not considered high when compared to the prevalence rate of 1.5%–19.0% worldwide, although Kaplan et al did publish a study from Jordan that reported a high prevalence of 18.3% (57/312).⁽³⁾

The pathogenicity of HBoV is still not fully understood. In our study, the co-detection of HBoV with respiratory syncytial virus was 20% (data not shown). Furthermore, HBoV has been co-detected with metapneumovirus, influenza and parainfluenza-3 (unpublished data). In other studies, HBoV was also detected in the blood and stool samples of children with gastroenteritis,⁽⁴⁻⁶⁾ as well as in asymptomatic patients.⁽⁷⁾

Yours sincerely,

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REFERENCES

- 1. Wiwanitkit V. Human bocavirus and lower respiratory tract infection. Singapore Med J 2011; 52:527.
- Al-Rousan HO, Meqdam MM, Alkhateeb A, et al. Human bocavirus in Jordan: prevalence and clinical symptoms in hospitalised paediatric patients and molecular virus characterisation. Singapore Med J 2011; 52:365-9.
- 3. Kaplan NM, Dove W, Abu-Zeid AF, et al. Human bocavirus infection among children, Jordan. Emerg Infect Dis 2006; 12:1418-9.
- 4. Lau SK, Yip CC, Que TL, et al. Clinical and molecular epidemiology of human bocavirus in respiratory and fecal samples from children in Hong Kong. J Infect Dis 2007; 196:986-93.
- Yu JM, Li DD, Xu ZQ, et al. Human bocavirus infection in children hospitalized with acute gastroenteritis in China. J Clin Virol 2008; 42:280-5.
- Chow BD, Ou Z, Esper FP. Newly recognized bocaviruses (HBoV, HBoV2) in children and adults with gastrointestinal illness in the United States. J Clin Virol 2010; 47:143-7.
- Manning A, Russell V, Eastick K, et al. Epidemiological profile and clinical associations of human bocavirus and other human parvoviruses. J Infect Dis 2006; 194:1283-90.