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THE INTESTINAL CRYPTOSPORIDIOSIS IN HIV/AIDS PATIENTS WHO HAVE HOMOSEXUAL BEHAVIOUR

Abstract

Cryptosporidiosis is a parasitic disease caused by Cryptosporidium, a protozoan parasite. It is spread through the fecal-oral route. In Indonesia, the disease is easily spread because of poor sanitation and environment endemic intestinal parasites. The objective of this study is to know prevalence of intestinal cryptosporidiosis among HIV/AIDS patients who have homosexual behaviour. The study was a cross sectional design. It recruited HIV/AIDS male patients hospitalized at Dr. Soetomo General Hospital Surabaya who presented with chronic diarrhoea in order to confirmed Cryptosporidium infection during one year. A modified version acid fast stain of Ziehl Neelsen technique was used for staining Cryptosporidium. Five homosexual men and 88 non homosexual men were recruited. Three men among homosexual men (60%) and 39 men among non homosexual men (42%) were Cryptosporidium positive. The study result suggests that sexual behaviour is a significant risk factor for cryptosporidial diarrhoea. (FMI 2012;48:75-76)

Keyword : HIV/AIDS, homosexual, behaviour, intestinal, cryptosporidiosis,

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