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Prevalence of infection in children with cholestasis admitted to Cipto Mangunkusumo Hospital 2010-2015

S R Lina¹, C Nisa¹, N Aryani¹ and F S Alatas²¹University of Indonesia, Indonesia²Cipto Mangunkusumo Hospital, Indonesia

Background: Infection is one of the most common comorbidity and complication found in children with cholestasis. This condition may adversely affect management of the disease and increase mortality rate among children with cholestasis.

Methods: The aim of this research is to identify prevalence of infection in children with cholestasis admitted to Cipto Mangunkusumo Hospital 2010-2015. This research was conducted from August to October 2015 by using retrospective cohort study toward cholestatic children age 0-5 years old through medical records.

Results: From 97 patients included, prevalence of infection in children with cholestasis was 66% (n=64). There are 35 children (36%) who manifested more than one type of infection. Infectious diarrhea (41.2%, n=40) and urinary tract infection (28.9%, n=28) were the most common types of infections found in children with cholestasis. The other types of infections found in cholestatic children were sepsis (20.6%, n=20), pneumonia (19.6%, n=19), and spontaneous bacterial peritonitis (13.4%, n=13).

cholifatunnisa9@hotmail.com