

# Enterobacteriaceae susceptibility to piperacillin/tazobactam in a Chilean pediatric hospital Susceptibilidad de enterobacterias a piperacilina/tazobactam en un hospital pediátrico de Chile

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© 2018, Sociedad Chilena de Infectología. All rights reserved. Introduction: Enterobacteriaceae are a group of gram-negative rods that can cause serious infections in humans. A susceptibility in *Klebsiella pneumoniae* of 79.4% to piperacillin/tazobactam (PIP/TAZO) is reported in pediatric hospitals in Chile. There is no published data published to date regarding PIP/TAZO susceptibility to other Enterobacteriaceae species in this population. Aim: To measure the in vitro PIP/TAZO susceptibility in Enterobacteriaceae isolates from patients in a pediatric hospital in Chile. Methods: Descriptive and prospective study of Enterobacteriaceae positive cultures from patients assisting to the Hospital de niños Roberto del Río (HRRIO) between January 2013 and August 2014. PIP/TAZO susceptibility was established by gradient diffusion method (E-test®) according to the 2014 CLSI standards. Results: 163 cases were included. The average age was 4 years and 15 days. 70.6% were female. 79.7% of samples