

Clinical characteristics and outcomes of SARS-CoV-2 infection in pediatric oncology patients in the province of Quebec

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Abstract

Children with SARS-CoV-2 infection have been consistently described with milder clinical outcomes compared to adults. However, data pertaining to the clinical evolution of SARS-CoV-2 infection in children with cancer remain scarce. In this descriptive cohort study, we report the clinical characteristics and outcomes of 31 pediatric oncology patients with SARS-CoV-2 infection in the province of Quebec, Canada. Most patients were asymptomatic or had mild symptoms, with only 2 COVID-19-related hospitalizations and no COVID-19-related deaths. The favorable outcomes in our cohort may be explained by Quebec's universal access to health care and regionalization of pediatric oncology care in tertiary centers exclusively.

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