

Pan Canadian CHD surveillance program

April 30th, COVID-19 identified in Pediatric CHD patients in Canada:

3 Cases

0 Hospitalized

Status of Patients

2 Fully Recovered

Demographic Data

1 Infant

Diagnoses of Interest

2 Single ventricle patients

1. Additional data of interest (data source in parentheses) and resources:
 - As of April 29, there are 1400 cases of COVID-19 in patients ≤ 19 years in Canada (Public Health Agency of Canada)
 - 18 pediatric patients have been hospitalized
 - 2 pediatric patients have been admitted to ICU
 - 0 pediatric deaths

This week many of you have contacted us regarding the preliminary reports from Europe and the US regarding possible cases of COVID with unusual pediatric presentations with systemic inflammation. An alert was put out in the UK which generated considerable attention - the alert indicated "the cases have in common overlapping features of toxic shock syndrome and atypical Kawasaki disease with blood parameters consistent with severe COVID-19 in children.

Abdominal pain and gastrointestinal symptoms have been a common feature as has cardiac inflammation". To date we have not had reports of this in Canada. Brian McCrindle and Nagib Dahdah are looking to work with the International Kawasaki Disease Registry collaborators to collect further international data on this question.

Pediatric cardiologists in the province of Québec has proposed a list a cardiac diagnosis that are considered at risk to go back to school.