

Pan Canadian CHD surveillance program

April 15th

As of April 15th, **COVID-19 identified in Pediatric CHD patients** in Canada:

0 Definite cases

1 Possible case (not hospitalized)

729 cases of COVID-19 in patients ≤19 years in Canada (Public Health Agency of Canada)

- o 11 pediatric patients have been hospitalized
- o 1 pediatric patient has been admitted to ICU
- o 0 pediatric deaths

This past week there was a publication from the US CDC detailing the early American experience in pediatric patients which included high level data on pediatric cardiovascular patients (see attachment or follow link: <https://www.cdc.gov/mmwr/volumes/69/wr/pdfs/mm6914e4-H.pdf>)

- o This showed 7% of pediatric COVID cases have underlying cardiovascular disease (no additional details on diagnoses provided)
- o 77% of hospitalized pediatric COVID patients have underlying medical conditions including all of those admitted to the ICU (n=6 with available data)

Our Canadian surveillance program has now been active for almost 1 month. While we recognize that we are likely missing asymptomatic or mild community based illness in some patients with CHD, the absence of identified severe disease (ie. requiring hospitalization) in pediatric CHD patients across Canada to date is good news. Hopefully this ongoing national collaboration is helpful in reaffirming that what you are seeing locally is being reflected in our broader collective experience. We have had feedback from many of you that sharing this with patients and families has been helpful as they naturally have many questions as the pandemic evolves.