

Covid -19 Infection and Cardiac Complications in Children

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Abstract

Background: Coronavirus disease 2019 (COVID-19) is the current pandemic disease causing severe disease and sometime life-threatening complications mainly in adults but also in children and young adults. Underlying diseases predispose the patients to a more severe disease and to a higher mortality rate. However, little evidence exists about COVID-19 outcomes in the pediatric population with congenital heart disease (CHD).

Aim: To summarize the current knowledge about the potential cardiovascular involvement in pediatric patients affected by COVID 19 with and without CHD, as well as some considerations for anti COVID vaccine.

Keywords: COVID-19, children, congenital heart disease