

A literature search will be performed to gather information on children in the context of COVID-19.

Objectives, all focussed on children

- Clinical presentation and course of disease
- Secondary infection rate (SIR; rates of contacts being infected): child – children; adult – children; child - adults
- Clinical attack rate (the rate of clinical manifestation of the infection in close contacts)
- Serial interval (the period of time from the onset of symptoms in the primary case to the onset of symptoms in a contact case)
- Symptomatic proportion
- The basic reproductive number ( $R_0$ , defined as the average number of secondary cases that result from one)
- Incubation period (the period of time between an exposure resulting in infection)
- Case hospitalisation ratio (CHR, defined as the proportion of those infected who are admitted to hospital)
- Case fatality ratio (CFR, defined as the proportion of people infected which die as a direct or indirect consequence of their infection)

Extra objectives in the context of the household study (FFX-COVID-19 study)

- Viral load in PCR-positive children without symptoms, including differences with symptomatics
- Differences in immune responses between children with and without symptoms and between children and adults