

# Multisystem inflammatory syndrome in children and adolescents temporally related to COVID-19

## Preliminary case definition[a]

Children and adolescents 0–19 years of age with fever  $\geq 3$  days

**AND** two of the following:

1. Rash or bilateral non-purulent conjunctivitis or muco-cutaneous inflammation signs (oral, hands or feet).
2. Hypotension or shock.
3. Features of myocardial dysfunction, pericarditis, valvulitis, or coronary abnormalities (including ECHO findings or elevated Troponin/NT-proBNP),
4. Evidence of coagulopathy (by PT, PTT, elevated d-Dimers).
5. Acute gastrointestinal problems (diarrhoea, vomiting, or abdominal pain).

**AND**

Elevated markers of inflammation such as ESR, C-reactive protein, or procalcitonin.

**AND**

No other obvious microbial cause of inflammation, including bacterial sepsis, staphylococcal or streptococcal shock syndromes.

**AND**

Evidence of COVID-19 (RT-PCR, antigen test or serology positive), or likely contact with patients with COVID-19.

## Global COVID-19 Clinical Data Platform

WHO has an established platform for standardized, anonymized clinical data. Contributors can enter data into the web-based WHO COVID-19 Clinical Data Platform, which captures all COVID-19 variables listed in the case report forms (CRFs). Using the WHO platform facilitates aggregation, tabulation, and analysis across different settings globally and provides a secure, access-limited, password-protected, electronic database hosted in a secure server at WHO. WHO will maintain appropriate technical and organizational security measures to protect confidentiality and prevent the unauthorized disclosure of the anonymized COVID-19 data.