

## **MIS-C CASE DEFINITION**

The MIS-C case definition has clinical, general/virologic laboratory, and epidemiological criteria:

- An individual aged <21 years presenting with fever<sup>1</sup>, laboratory evidence of inflammation<sup>2</sup>, and evidence of clinically severe illness, with multisystem (>2) organ involvement (cardiac, renal, respiratory, hematologic, gastrointestinal, dermatologic or neurological); AND
- Who is hospitalized, evaluated in the Emergency Department, seen in an observation, admitted inpatient or transferred from another facility; AND
- No alternative plausible diagnoses; AND
- Positive for current or recent acute SARS-CoV-2 infection by RT-PCR, serology, or antigen test; OR exposure to a suspected or confirmed COVID-19 case within the 4 weeks prior to the onset of symptoms; or received a COVID-19 vaccine in the prior 6 weeks.

<b>Clinical</b>		<b>General/Virologic Laboratory/Epidemiological</b>
An individual aged <21 years presenting with <ul style="list-style-type: none"><li>• Fever<sup>1</sup></li><li>• Laboratory evidence of inflammation<sup>2</sup></li><li>• Multisystem (&gt;2) organ involvement (cardiac, renal, respiratory, hematologic, gastrointestinal, dermatologic, or neurological);</li></ul> <b>AND</b>		Within the 3 months prior to illness onset, the individual tested positive for SARS-CoV-2 by <ul style="list-style-type: none"><li>• RT-PCR</li><li>• Serology</li><li>• Antigen test</li></ul>
Hospitalization <ul style="list-style-type: none"><li>• Evaluated in the Emergency Department</li><li>• Seen in observation</li><li>• Admitted inpatient</li><li>• Transferred to or received from another facility</li></ul> <b>AND</b>	<b>AND</b>	<b>OR</b> Exposure to a suspected or confirmed COVID-19 case within the 4 weeks prior to the onset of symptoms
No alternative plausible diagnoses		<b>OR</b> Received any doses of COVID-19 vaccine in the prior 6 weeks

Additional comments:

- Some individuals may fulfill full or partial criteria for [Kawasaki Disease<sup>3</sup>](#) but should be reported as MIS-C if they meet the case definition for MIS-C.
- Consider MIS-C in any pediatric death with evidence of recent COVID-19 infection or vaccination.

*Clinicians with questions can contact the NYSDOH Bureau of Communicable Disease Control at 518-473-4439 during business hours or 1-866-881-2809 evenings, weekends, and holidays.*

<sup>1</sup> Fever >38.0°C for ≥24 hours, or report of subjective fever lasting ≥24 hours

<sup>2</sup> Including, but not limited to, one or more of the following: an elevated C-reactive protein (CRP), erythrocyte sedimentation rate (ESR), fibrinogen, procalcitonin, d-dimer, ferritin, lactic acid dehydrogenase (LDH), or interleukin 6 (IL-6), elevated neutrophils, reduced lymphocytes and low albumin

<sup>3</sup> <https://www.cdc.gov/kawasaki/index.html>