

HEALTH ALERT

Multisystem Inflammatory Syndrome in Children (MIS-C) Associated with Coronavirus Disease 2019 (COVID-19)

May 15, 2020

Summary and Action Items

- On May 14, 2020, the Centers for Disease Control and Prevention (CDC) issued a Health Advisory about Multisystem Inflammatory Syndrome in Children (MIS-C) associated with COVID-19.
- The Director of the Ohio Department of Health (ODH) has issued a Director's Journal Entry with reporting requirements to include MIS-C. This document is attached.
- For **confirmed or suspected cases** of MIS-C, healthcare providers or any individual having knowledge, should notify their local health department (LHD) **within 24 hours of identification**.
- LHDs who are notified of **confirmed or suspected** cases of MIS-C should notify ODH **within 24 hours of identification** via entry into the Ohio Disease Reporting System (ODRS). A new reportable condition is being created in ODRS for MIS-C.

Case Definition for MIS-C

- An individual aged <21 years presenting with feverⁱ, laboratory evidence of inflammationⁱⁱ, and evidence of clinically severe illness requiring hospitalization, with multisystem (≥2) organ involvement (cardiac, renal, respiratory, hematologic, gastrointestinal, dermatologic or neurological); **AND**
- No alternative plausible diagnoses; **AND**
- Positive for current or recent SARS-CoV-2 infection by RT-PCR, serology, or antigen test; or COVID-19 exposure within the 4 weeks prior to the onset of symptoms

ⁱFever ≥38.0°C (100.4°F) for ≥24 hours, or report of subjective fever lasting ≥24 hours

ⁱⁱIncluding, 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

Additional comments

- Some individuals may fulfill full or partial criteria for Kawasaki disease but should be reported if they meet the case definition for MIS-C
- Consider MIS-C in any pediatric death with evidence of SARS-CoV-2 infection

Contact

Report all confirmed or suspected cases of MIS-C to the local health department in the jurisdiction in which the case resides. To locate a local health department, please visit

<https://odhgateway.odh.ohio.gov/lhdinformationsystem/Directory/GetMyLHD>.

For general questions related to COVID-19, healthcare providers and facilities should contact their local health department. Ohio local health departments should contact the ODH Bureau of Infectious Diseases at 614-995-5599.

Attachments

- Director's Journal Entry (May 15, 2020)
- CDC Health Alert (May 14, 2020)