

Dear Provider,

On May 14, 2020, CDC issued a [health advisory](#) to provide information on multisystem inflammatory syndrome in children (MIS-C). New York State and the United Kingdom have recently reported increasing numbers of children presenting with this syndrome. Cases have occurred in children positive for SARS-CoV-2 by PCR and/or serology or children with an epidemiological link to a COVID-19 case. Patients presented with a persistent fever and a constellation of symptoms including shock, multi-organ involvement and elevated inflammatory markers. Some cases have had features of typical or atypical Kawasaki disease and/or features of toxic shock syndrome. There is limited information currently available about risk factors, pathogenesis, clinical course, or treatment for MIS-C.

In response, Tennessee has developed a state-specific case definition and requests that healthcare providers who have cared or are caring for patients meeting the below MIS-C criteria report suspected cases to Amanda Hartley or Cassie Jones at the Tennessee Department of Health at **615-741-7247** or email at VPD.IMM@tn.gov within 24 hours of identification.

Criteria for reporting

Patients less than 21 years of age presenting with:

- **Fever:** at least 100.4°F for more than 24 hours, or report of subjective fever lasting more than 24 hours.
- **Inflammation:** Laboratory evidence of inflammation 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), interleukin 6 (IL-6), or neutrophil count, or reduced lymphocyte count or low albumin
- **Multisystem organ involvement:** Evidence of clinically severe illness requiring hospitalization with multisystem organ involvement (cardiac, renal, respiratory, hematological, gastrointestinal, dermatologic or neurological)

AND

- No evidence of alternative plausible diagnoses

Notes:

- Patients should be reported regardless of SARS-CoV-2 lab results
- Patients should be reported even if they meet full or partial criteria for Kawasaki disease
- Consider MIS-C in any pediatric death with evidence of SARS-CoV-2 infection.

Thank you for all that you do in keeping Tennesseans safe and healthy.

Tennessee Department of Health