

Clinical Brief #40 | COVID-19

Developed Wednesday, August 12, 2020

INFORMATION FOR ALL CLINICIANS

Clinical leaders are providing frequent updates to all clinicians in an effort to keep you current about AdventHealth's response to COVID-19. The following topics are included in this brief:

- **Multisystem Inflammatory Syndrome in Children (MIS-C)**
- **CDC Clinician Call Center**

Multisystem Inflammatory Syndrome in Children (MIS-C)

With the reopening of schools, we remind providers to remain vigilant for cases of [Multisystem Inflammatory Syndrome in children \(MIS-C\)](#), a rare but severe condition. The CDC reports that patients with MIS-C have presented with a persistent fever, fatigue and a variety of signs and symptoms, including multiorgan (e.g., cardiac, gastrointestinal, renal, hematologic, dermatologic, neurologic) involvement and elevated inflammatory markers.

Not all children will have the same signs and symptoms, and some children may have symptoms not listed here. MIS-C may present weeks after a child is infected with SARS-CoV-2. The child may have been infected from an asymptomatic contact and, in some cases, the child and their caregivers may not even know they had been infected.

[The case definition](#) is:

- An individual aged <21 years presenting with fever*, laboratory evidence of inflammation**, 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 exposure to a suspected or confirmed COVID-19 case within the four weeks prior to the onset of symptoms.

*Fever >38.0°C for ≥24 hours, or report of subjective fever lasting ≥24 hours

**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.

Visit [Information for Healthcare Providers about MIS-C](#) for evaluation, treatment and reporting information. Visit [Morbidity and Mortality Weekly Report](#) for the recent MIS-C incidence summary report.

CDC Clinician Call Center

CDC developed the [Clinician Call Center](#) as a resource available to health care personnel working to prevent, detect and respond to COVID-19. The call center is a hotline with trained CDC clinicians standing by to answer COVID-19 questions daily from health care personnel in a variety of settings on a wide range of topics, such as diagnostic challenges, clinical management and infection prevention and control. To reach this service, call **800-CDC-INFO (800-232-4636)** and ask for the Clinician On-Call Center.

[Clinical Briefs](#) | [Hospitalist Briefs](#)

We encourage you to take care of yourself, your families and each other as we move through this ongoing response to COVID-19.

GREATER AS A WHOLE | RESOURCES

Online

[Novel Coronavirus Information Site](#)

[AdventHealth Coronavirus Website](#) | [Videos](#) | [Blog](#)

[Centers for Disease Control and Prevention \(CDC\)](#)

Department of Health: [Florida](#), [Georgia](#), [North Carolina](#), [Kansas](#), [Kentucky](#), [Texas](#), [Wisconsin](#)

Worldwide Coronavirus Data: [Johns Hopkins' global cases webpage](#)

By Email:

coronavirusquestions@adventhealth.com

By Phone:

COVID-19 Hotline: 1-877-847-8747