ALASKA NATIVE MEDICAL CENTER GUIDELINE

MULTISYSTEM INFLAMMATORY SYNDROME IN CHILDREN (MIS-C)

Case Definition for Multisystem Inflammatory Syndrome in Children (MIS-C) According to the CDC:

- An individual aged <21 years presenting with:
 - o **Fever** \geq 38.0°C for \geq 24 hours, or report of subjective fever lasting \geq 24 hours if shock (3 days if not in shock)
 - 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), or interleukin 6 (IL-6), elevated neutrophils, reduced lymphocytes and low albumin
 - Evidence of **clinically severe illness** requiring hospitalization with multisystem (≥2) organ involvement (rash, GI symptoms, extremity changes, oral mucosal changes, conjunctivitis, lymphadenopathy, neurologic symptoms).
 - Rash: polymorphic, maculopapular, petechial, NOT vesicular
 - GI symptoms: diarrhea, abdominal pain, vomiting
 - Extremity Changes: Erythema and edema of hands and feet
 - Oral Mucosal Changes: Erythema and cracking of lips, strawberry tongue, erythema of oral and pharyngeal mucosa
 - Conjunctivitis: Bilateral bulbar conjunctival injection without exudate
 - Lymphadenopathy: Cervical > 1.5 cm unilateral
 - Neurologic: Headache, irritability, lethargy, AMS
- AND No alternative plausible diagnoses
- <u>AND</u> **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
 - Clinicians may consider diagnosis while awaiting serology or if all SARS-CoV-2 testing is negative but clinical suspicion for MIS-C still remains high
- > Some individuals may fulfill full or partial criteria for Kawasaki Disease but should still 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

***MIS-C is a reportable disease

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