## 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:
- Fever $\geq 38.0^{\circ} \mathrm{C}$ 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 ( $\geq 2$ ) organ involvement (rash, GI symptoms, extremity changes, oral mucosal changes, conjunctivitis, lymphadenopathy, neurologic symptoms).
- Rash: polymorphic, maculopapular, petechial, NOT vesicular
- Gl 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 $>1.5 \mathrm{~cm}$ unilateral
- Neurologic: Headache, irritability, lethargy, AMS
- AND No alternative plausible diagnoses
 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


## MULTISYSTEM INFLAMMATORY SYNDROME IN CHILDREN




## Pre-Hospital Care



