UNM PED MIS-C Laboratory Testing Guideline

Moderately to severely ill child or young adult with ≥ 3 days of daily fevers ≥ 100.4 °F

Is there concern for sepsis?

Yes
See sepsis pathway
Consider MIS-C on differential

No
Perform PED workup as indicated
Are there clinical features and clinical concern for MIS-C?

Yes
Add to PED workup (only if not already obtained):
CBC with diff, CRP, ESR, CH10, LFT, UA

No
After PED workup, is there a clear explanation for the patient’s symptoms other than COVID-19 (e.g., UTI, scarlet fever)?

Yes
Perform appropriate PED treatment & disposition

No
Perform appropriate PED treatment & disposition

Perform PED workup as indicated
Does the patient have the following?

CRP > 3 mg/dl or ESR > 40 mm/hr
AND one of
Lymphopenia < 1000
Platelets < 150,000 or >450,000
Elevated neutrophil count
Na < 135
Elevated creatinine
Low albumin

Yes
MIS-C Labs (those not already ordered)
Consults: Cardio and ID
(Consult Heme-Onc if resp. distress, sepsis or PICU admit)
Admit to PICU or Pediatrics
Report case

No
Report Case:
E-mail or Tiger Connect
Dr. Martha Muller AND Dr. Anna Duran

MIS-C Features

Kawasaki Disease
Features*
Conjunctivitis (limbus sparing), mucositis, rash, lymphadenopathy, extremity changes

Gastrointestinal
Abdominal pain, vomiting/diarrhea

Respiratory
Respiratory distress, cough, sore throat

Cardiovascular
Hypotension, syncope

Neurological
Headache, irritability, fussiness

MIS-C Labs*

• Blood Culture
• CBC with Diff
• CH7, Mg, Phos
• LFT
• Amylase
• Lipase
• LDH
• CRP
• ESR
• Lactate

**Bolded labs are pre-selected in the sepsis care set**

* Remember: MIS-C lab set, cardiology & ID consults, and hospital admission are recommended for clinical features of KD regardless of duration of fever!


Created 12/15/20; D Jolley MD, R Tuuri MD, M Muller MD, A Duran MD