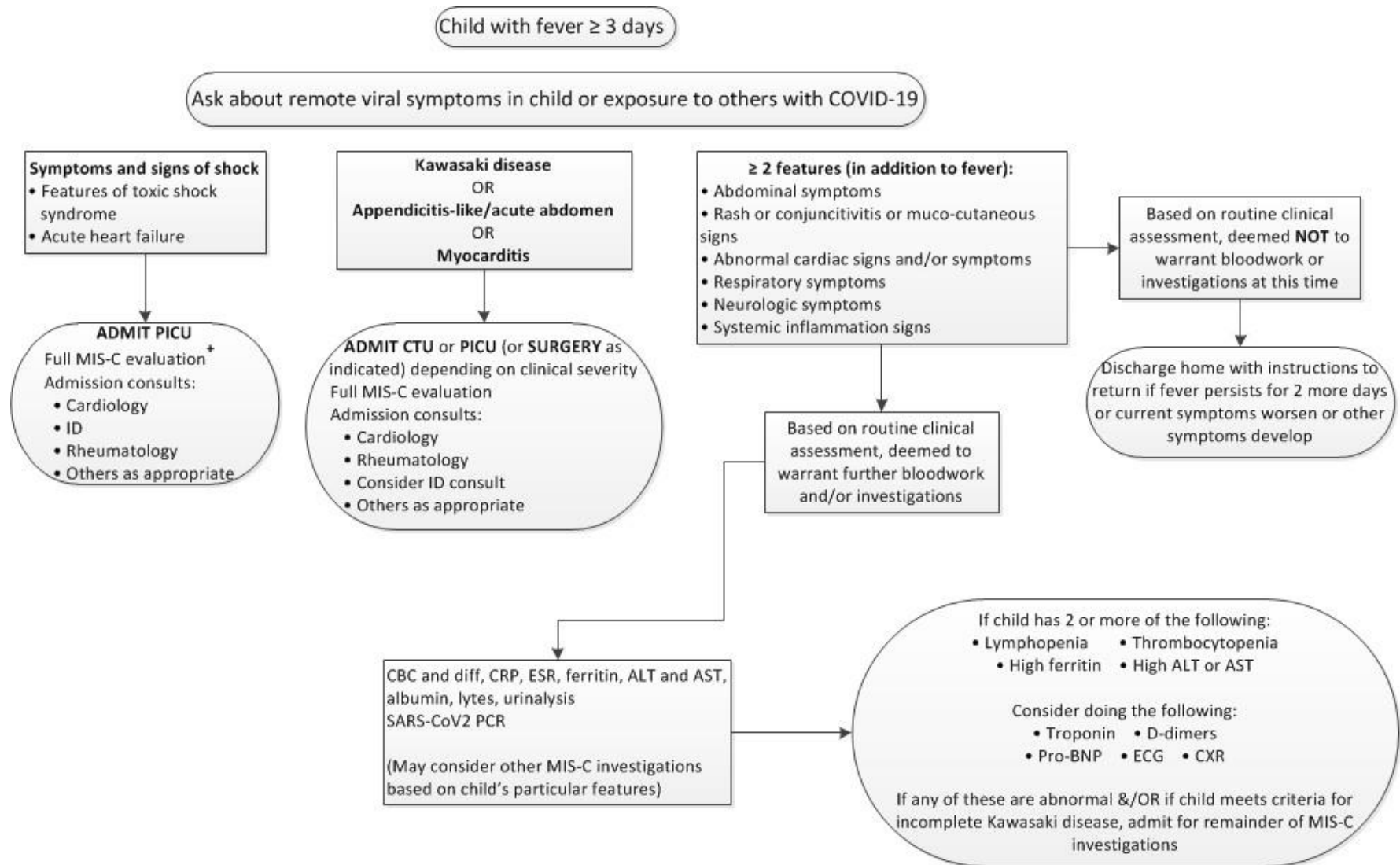


To be performed in addition to routine (including infectious) workup. This document provides guidance for the identification of and investigations for MIS-C only. It DOES NOT include the work-up and management of other entities on the differential diagnosis, including sepsis, which still need to be considered and managed according to clinical judgment.



+FULL MIS-C evaluation:

- CBC with differential
- ESR, CRP
- Electrolytes, BUN, creatinine
- LFTs, LDH, Albumin
- Ferritin, d-dimer, PT/PTT
- Troponin, BNP
- SARS-CoV2 testing:
 - SARS CoV2 PCR: both respiratory (nasopharyngeal swab/sputum/BAL) AND stool specimens (sample type not yet validated but will be tested for this group)
 - SARS CoV2 serology: obtain pre-IVIG whenever possible; contact medical microbiology on call for approval: if serology approved complete a SARS-CoV2 serology request form (available on [ePOPS](#)) and send by secure email to misc@cw.bc.ca. Serology not available publicly in BC (as of May 26, 2020) but will be performed for this indication.
- Type and Screen (for those receiving IVIG)
- EKG
- CXR
- Echocardiogram

Consider all usual bacterial or viral illnesses and alternative diagnoses and test as appropriate (ex: cultures).

****IMPORTANT: MIS-C is a reportable condition in BC.** Suspected cases seen at BCCH must have a serology case requisition form emailed to misc@cw.bc.ca, after receiving approval for serology from the medical microbiologist on call. If this form is not completed, then it will be the responsibility of the MRP to ensure the case gets reported to the medical health officer.

Patient Presentation with Clinical Suspicion of Covid MIS-C*	
Systemic Inflammation <ul style="list-style-type: none"> • Myalgias • Tachycardia • Hypotension • Hypoperfusion or hyperperfusion • Lymphadenopathy/lymphadenitis 	Cardiopulmonary <ul style="list-style-type: none"> • Respiratory distress • Chest Pain
Mucocutaneous <ul style="list-style-type: none"> • Rash: reticular, morbiliform, purpuric • Lip swelling/cracking • Strawberry tongue • Extremity swelling/peeling • Conjunctivitis • Blisters or Erosions 	Neurologic <ul style="list-style-type: none"> • Headache • Altered mental status • Meningismus • Focal deficits • Seizure
Gastrointestinal <ul style="list-style-type: none"> • Nausea/vomiting • Diarrhea • Abdominal Pain 	

*Adapted from: NY Presbyterian / Columbia University guidance document, Brian Jonat MD MPH and Eva Cheung MD



MULTISYSTEM INFLAMMATORY SYNDROME IN CHILDREN PROVISIONAL EVALUATION GUIDELINE

DOCUMENT TYPE: ALGORITHM

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26-May-2020	C-05-01-60667 Multisystem Inflammatory Syndrome In Children Provisional Evaluation Guideline	Developed by BCCH MIS-C Working Group; Approved by Professional Practice Director
17-Aug-2020		Updated; Approved by Professional Practice Director

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