

Notice to Report: Multi-system Inflammatory Syndrome in Children and Adolescents (MIS-C)

As you likely know, a rare condition associated with COVID-19, Multi-system Inflammatory Syndrome in Children and Adolescents (MIS-C), has been described.

To monitor for occurrences in BC, Dr. Bonnie Henry, the Provincial Health Officer (PHO) has issued a Notice (<https://www2.gov.bc.ca/gov/content/health/about-bc-s-health-care-system/office-of-the-provincial-health-officer/current-health-topics/covid-19-novel-coronavirus>) to report cases of MIS-C, to a medical health officer. This notice requires and enables physicians to provide personal information about suspect and confirmed cases to medical health officers, who will report this information to the PHO.

Patients to be reported are children and adolescents 0-19 years of age with fever ≥ 3 days and two of the following:

- acute gastrointestinal symptoms (abdominal pain, vomiting, diarrhea)
- rash or bilateral non-purulent conjunctivitis or muco-cutaneous inflammation signs (oral, hands or feet)
- hypotension or shock
- features of myocardial dysfunction, or pericarditis, or valvulitis, or coronary abnormalities (ECHO findings or elevated Troponin/BNP/NT-proBNP)
- evidence of coagulopathy (abnormal PT, PTT, elevated d-dimer)
 - and elevated markers of inflammation such as ESR, C-reactive protein, or procalcitonin
 - and no other obvious microbial cause of inflammation, including bacterial sepsis, staphylococcal or streptococcal shock syndromes, or no alternative plausible obvious diagnosis

Such people should be tested for evidence of SARS-CoV-2 infection (positive PCR test or serology) for confirmation purposes. Guidance for clinicians is available at http://www.bccdc.ca/Health-Professionals-Site/Documents/COVID19_MIS-C_ClinicianGuidance.pdf.

Report cases and suspect cases to a Vancouver Coastal Health Medical Health Officer at 604-675-3900. After hours, weekends, and statutory holidays please call the Medical Health Officer on call at 604-527-4893.

Please provide the following information:

- first name, last name
- personal health number
- phone number
- sex
- date of birth, age (in years)
- date of symptoms onset
- health care facility contact (i.e. name of hospital or clinic at which patient was assessed/admitted)
- name and contact information of reporting health professional

**You can reach a Medical Health Officer at 604.675.3900 Toll free at 1.855.675.3900
For public health emergencies after hours contact the Medical Health Officer on call at 604.527.4893**

**Vancouver Coastal Health Medical Health Officers
Chief Medical Health Officer: Dr. Patricia Daly**

**Vancouver: Dr. John Harding, Dr. Althea Hayden, Dr. James Lu, Dr. Mark Lysyshyn, Dr. Michael Schwandt 604.675.3900
Richmond: Dr. Meena Dawar 604.233.3170 | North Shore: Dr. Mark Lysyshyn 604.983.6701 | Coastal Rural: Dr. Geoff McKee 604.983.6701**

To receive Physicians' Updates by email please contact us at: VCHPhysiciansUpdate@vch.ca