

Supplementary Chart 1. Variables included in Latent Class Analysis

- . Any cardiac involvement: cardiac arrest OR any one or more of the following findings on Echo:
 - Myocardial depression (left ventricular ejection fraction < 55%)
 - Coronary aneurysms (coronary artery diameter z-score ≥ 2.5)
 - Dilatation (z-score >2 – <2.5)
 - Mitral or aortic valve insufficiency
 - Myocardial infarction
 - Other abnormalities reported
- 2. Gastrointestinal involvement: Vomiting or diarrhea
- 3. Gastrointestinal involvement: Abdominal pain
- 4. Respiratory failure (any one of the following):
 - CPAP
 - Conventional ventilation
- 5. Kawasaki features: Conjunctivitis (bilateral, bulbar, non-suppurative)
- 6. Kawasaki features: Lymphadenopathy (cervical >1.5 cm diameter)
- 7. Kawasaki features: Rash (widespread, polymorphous, not vesicular)
- 8. Kawasaki features: Lips and mucosa (red cracked lips, strawberry tongue, erythematous oral cavity)
- 9. Kawasaki features: Changes of extremities (erythema, edema of palms and soles initially)
- 10. Any other rash
- 11. Hypotension
- 11. Albumin – low < 3 g/dl
- 13. Raised ALT (>82 IU/L if <1 yr, >56 IU/L if <3 yr, >58 IU/L if <7 yr, >72 IU/L if <13 yr, >74 IU/L if 13-15yr)
- 14. Raised ferritin (>300 ug/L)
- 15. Raised D-dimers (>560 ng/ml)
- 16. Confusion
- 17. Creatinine (for <4 yr ≥ 78 umol/L, 5-11 years ≥ 106 umol/L, 12-15 years ≥ 180 umol/L)
- 18. Platelets ($<150 \times 10^3$ cells/mm³)
- 19. Positive SARS-CoV-2 PCR test
- 20. Positive SARS-CoV-2 serology test