Supplemental Digital Content 1. Table: Epidemiological and clinical characteristics by PICU admission.

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| Characteristics | PICU admission | p |
| Yes (n=30) | No (n=71) |  |
| Age, median (interquartile range) | 9.3 (6.5-12.4) | 9.4 (1.4-12.3) | 0.328 |
| Age group, n (%)<2 2-10>10 | 4(13.3)12(40.0)14(46.7) | 21(29.6)16(22.5)34(47.9) | 0.102 |
| Sex, n (%)MaleFemale | 17(56.7)13(43.3) | 41 (57.8)30(42.3) | 0.920 |
| Immunosuppressive therapy n (%) | 3 (10.0) | 7 (9.9) | 0.983 |
| Underlying medical condition n (%)Cardiac Gastrointestinal Hematologic Nephropathy NeurologicOncologic RheumaticPreterm birthPsychiatricRespiratory Other  | 10 (33.33)2 (6.67)1 (3.3)1 (3.3)0 (0)1 (3.3)2 (6.67)0 (0)0 (0)0 (0)2 (6.67)0 (0) | 23 (32.39)1 (1.41)2 (2.82)3 (4.23)2 (2.82)2 (2.82)4 (5.63)1 (1.41)1 (1.41)4 (5.63)1 (1.41)2 (2.82) | 0.927 |
| Reason for admission n (%)Non clinicalClinical -Respiratory -Bacteriemia/Sepsis -Cardiocirculatory(myocarditis) -MIS-C -Protracted fever -Neurologic -Digestive -Others | 2 (6.7)28 (93.3)5 (16.67)8 (26.67)5 (16.67)7 (23.33)0 (0)3 (10)0 (0)0 (0) | 24 (33.8)47(66.2)25 (35.21)1 (1.41)04 (5.63)8 (11.27)3 (4.23)5 (7.04)1 (1.41) | <0.001 |
| Length of stay median (interquartile range) | N=28 10.5 (8.0-18.5) | N=66 4.0 (2.0 -7.0) | <0.001\* |
| Initial symptom n (%)-Gastrointestinal | 3 (10.0) | 11 (15.7) | 0.450 |
| Gastrointestinal symptoms n (%)- Abdominal pain-Nausea/ vomiting-Diarrhea-At least one of the previous | 16 (53.3)18 (60.0)16 (53.3)23 (76.7) | 19 (26.8)17 (23.9)17 (23.9)35 (49.3) | 0.0100.0010.0040.011 |
| Extraintestinal symptoms n (%)-Fever -Respiratory-Headache-Odynophagia-Myalgia-Skin rash-Anosmia | 27(90.0)17(56.7)10(33.3)2(6.7)6(20.0)7(23.3)1(3.3) | 55(77.5)43(60.6)7(9.9)5(7.0)4(5.6)4(5.6)3(4.2) | 0.1410.7160.0040.9460.0270.0090.834 |
| Laboratory values median (interquartile range)-Lymphocytes (cells/uL)-Platelets x109/L)-AST (UI/L)-ALT (UI/L)-GGT (UI/L)-Alkalyne Phosphatase (UI/L)-Total protein (g/dl)-Albumin (g/dl)-Total Bilirubin(mg/dl)-Direct Bilirrubin (mg/dl)-LDH (UI/L)-Ferritin (ng/ml)-CRP (mg/dl)-PCT (ng/ml) | N=30; 900(410-2300)N=30; 173(96-248)N=29; 41 (29-59)N=29 ;27 (14-38)N=28 ;35 (15-67)N=27; 131 (96-190)N=28; 6.1 (5.5-6.4)N=28; 3.3 (2.8-3.5)N=26; 0.5 (0.39-0.80)N=7; 0.37 (0.27-0.60)N=28; 327 (275-398)N=24; 562 (232-1313)N=25; 17.7 (2.5-29.6)N=24; 2.01 (0.25-5.95) | N=64; 2100(1025-3400)N=63; 256(167-356)N=47; 28 (21-39)N=50; 20 (14-44)N=33; 19 (13-41)N=28; 155 (105-231)N=30; 6.8 (6.2-7.3)N=32; 4.2 (3.8-4.5)N=28; 0.5 (0.30-0.61)N=9; 0.30 (0.12-0.44)N=41; 305 (213-372)N=24; 143 (82-346)N=53; 1.9 (0.5-15.9)N=35; 0.17 (0.09-0.50) | 0.0770.0110.004\*0.439\*0.123\*0.381\*0.003<0.0010.228\*0.488\*0.105\*0.007\*0.0020.007\* |

Abbreviatures: PICU: Pediatric Intensive Care Unit, MIS-C: Multisystem inflammatory syndrome in children.

\*Non parametric test Mann Whitney-Wilcoxson test.