Supplemental Digital Content 2. Table. Results of laboratory tests of patients with PMIS-TS

| **Characteristics** | **Case 1** | **Case 2** | **Case 3** | **Case 4** | **Case 5** | **Case 6** | **Case 7** | **Case 8** | **Case 9** | **Case 10** | **Case 11** | **Reference range**  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Leukocytes x 109/L | 13.95 | 1.11 | 16.01 | 6.93 | 14.2 | 9.60 | 9.273 | 20.51 | 4.96 | 7.40 | 11.9 | 4.0--10.0 |
| Lymphocytes × 109/L | 5.162 | 0.66 | 0.642 | 0.28 | 1.28 | 1.54 | 0.463 | 2.87 | 0.46 | 1.99 | 1.19 | 1.5—4.0 |
| Platelets × 109/L | 360.2 | 197.0 | 143.0 | 170.7 | 225.0 | 71.0 | 453.0 | 127.5 | 103.0 | 120.0 | 196.0 | 150--450 |
| Troponin I (ng/mL) | 1.22 | 68.8 | 1.5 | 2.18 | 0.01 | 0.1 | 0.237 | 0.28 | 0.1 | 0.05 | 1.8 | <0,1 |
| CPK\* (U/L) | 78 | 55 | 19 | 92 | 20 | 26 | 107 | 20 | 626 | 77 | 45 | 30–300 |
| CK-MB\* (U/L) | 21 | 32 | 11 | 9 | 5 | 35 | 28 | 3 | 22 | 8 | 6 | <25 |
| CRP\* (mg/dl) | 1.5 | 91.4 | 6 | 38.8 | 122.6 | 137 | 31.9 | 33 | 8.4 | 79.2 | 127.5 | <0.6 |
| Ferritin (ng/mL) | 1,050.6 | 1,578 | 345.9 | 148 | 202 | 200.8 | 613.0 | 685.6 | 625.3 | 835.7 | 532.3 | 10--500 |
| PT\* | 11.6 | 11.9 | 13.6 | 11.6 | 11.4 | 10.9 | 14.8 | 11.4 | 17.2 | 10.9 | 11.0 | 10--14” |
| APTT\* | 39.2 | 21.0 | 24.2 | 42.0 | 27.0 | 25.7 | 46.7 | 28.0 | 28.2 | 43.4 | 25.0 | 24--40” |
| INR\*  | 1.01 | 1.16 | 1.27 | 1.01 | 1.0 | 1.0 | 1.48 | 1.2 | 1.4 | 1.0 | 1.08 | 0.8--1 |
| D-dimer (ng/mL) | 5.008 | 4.879 | 580.0 | 5,177 | 1,357 | 2,790 | 759.6 | 5,228 | 910.0 | 1,085 | 645.6 | < 500 |
| Fibrinogen (mg/dL) | 64.6 | 34.0 | 45.3 | 86.4 | 35.6 | 44.0 | 23.7 | 36.9 | 38.5 | 28.8 | 32.6 | 100--400 |
| Albumin (g/dL) | 2.5 | 2.6 | 2.1 | 2.7 | 2.6 | 1.5 | 1.9 | 2.2 | 2.0 | 2.7 | 2.0 | 3.5--4.7 |
| Lactate (mmol/L) | 2.1 | 2.8 | 2.2 | 2.4 | 2.1 | 2.8 | 2.5 | 2.3 | 2.8 | 2.1 | 2.2 | 0.5--2.0 |
| SvcO2\* | 56.5 | 62.5 | 63.4 | -- | -- | -- | 61.7 | 61.8 | -- | -- | -- | >65% |
| PaO2/ FiO2 \* | 564 | 340 | 382 | - | - | - | 204 | 215 | 480 | - | 635 | >300 |
| IO\* | 6.4 | 3.4 | - | - | - | - | - | 6.5 | - | - | - | Mild/ moderate/severe |

\*CRP: C-reactive protein; PT: prothrombin time; APPT: activated partial thromboplastin time; CK-MB: Creatine kinase MB fraction; CPK: creatinophosphokinase. Oxygenation Index was calculated by FiO2 × MAP (Mean Airway Pressure) × 100 / pO2, according to PALICC, 2015. αthe classification of ARDS was based on current pediatric criteria, <8: mild;8-16: moderate;>16: severeα according to PALICC, 2015. We chose to define reference values ​​according to age and sex. All tests were performed following the protocols described by the manufacturers.