***Supplementary Table 3***. Compare of laboratory findings and Echocardiographic Measurements in Troponin negative Group and troponin positive Group in MIS-C patients.

|  |  |  |  |
| --- | --- | --- | --- |
|  | *Troponin I –*  *(<23 ng/L) n=35* | *Troponin I +*  *(>23 ng/L) n=12* | *p* |
| ***NT- Pro-BNP (pg/mL)*** | 3351± 7280 | 6951±6784 | 0.059 |
| ***CRP (mg/L)*** | 129±87 | 183±124 | 0.147 |
| ***ESR (mm/h)*** | 62.2±40.7 | 60.5±35.6 | 0.939 |
| ***Procalcitonin (ng/mL)*** | 85.3±447 | 145±370 | 0.082 |
| ***Interleukin-6 (pg/mL)*** | 171±559 | 74.76±81.67 | 0.256 |
| ***Ferritin (ug/L)*** | 313.41±361 | 553.4±614 | 0.53 |
| ***D-dimer (µg/mL)*** | 2.43±2.66 | 3.17±3.1 | 0.147 |
| ***ALC (cell/uL)*** | 1384±945 | 636±353 | 0.012 |
| ***Fibrinogen (g/L)*** | 4.56±1.11 | 5.71±1.70 | 0.032 |
| ***Albumin (g/dl)*** | 34.49 ±6.3 | 33.13 ±3.86 | 0.336 |
| ***Ejection Fraction (%)*** | 66.11±6.77 | 59.17±8.95 | 0.006 |
| ***Fractional shortening (%)*** | 35.6±5.01 | 31.67±6.16 | 0.026 |
| ***Global Longitudinal strain (%)*** | -16.09±4.8 | -13.85±4.94 | 0.99 |
| ***Two-chamber Longitudinal strain (%)*** | -16.56±5.66 | -13.99± 7.08 | 0.135 |
| ***Three-chamber Longitudinal strain (%)*** | -15.48±5.6 | -13.42±4.69 | 0.216 |
| ***Four-chamber Longitudinal strain (%)*** | -15.92± 5.51 | -14.15±3.79 | 0.226 |
| ***Global Circumferential Strain (%)*** | -15.51±3.94 | -15.55± 2.71 | 0.732 |
| ***Global Radial Strain (%)*** | 31.47±18.48 | 29.37±12.99 | 0.871 |
| ***TEI index*** | 0.40±0.14 | 0.47±0.18 | 0.117 |
| ***TAPSE (mm)*** | 19.49±4.6 | 18.82±3.4 | 0.666 |
| ***MAPSE (mm)*** | 14.4±3.12 | 13.67±2.6 | 0.531 |

ALC, absolute lymphocyte cell; ESR, erythrocyte sedimentation rate; BNP, brain natriuretic peptide; CRP, C-reactive protein; TAPSE, tricuspid annular plane systolic excursion; MAPSE, mitral annular plane systolic excursion.