Table 2: Results of meta-analysis

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Laboratory values/data/results | EM | WMD/SMD(95%*CI*) | *p* | Heterogeneity | |  |
| *p* | *I2* (%) |
| **Hematology** |  |  |  |  |  |  |
| White blood cell count (×109/L) | REM | -3.93 (-6.04, -1.82) | 0.000 | 0.039 | 50.6 | WMD |
| MIS-C vs. KD | REM | -4.47 (-6.98, -1.96) | 0.000 | 0.067 | 51.5 | WMD |
| MIS-C vs. KDSS | REM | -2.81 (-6.90, 1.28) | 0.178 | 0.132 | 50.6 | WMD |
| Lymphocyte count | FEM | -0.84 (-0.99, -0.69) | 0.000 | 0.125 | 33.1 | SMD |
| Neutrophil count |  | NA |  |  |  |  |
| MIS-C vs. KD | REM | -0.20 (-0.64, 0.24) | 0.377 | 0.021 | 65.4 | SMD |
| MIS-C vs. KDSS | REM | 0.80 (0.40, 1.21) | 0.000 | - | - | SMD |
| Hemoglobin |  | NA |  |  |  |  |
| MIS-C vs. KD | FEM | -0.02 (-0.29, 0.25) | 0.889 | 0.224 | 31.5 | SMD |
| MIS-C vs. KDSS | FEM | -0.75 (-1.10, -0.39) | 0.027 | 0.152 | 46.9 | SMD |
| Platelet count |  | NA |  |  |  |  |
| MIS-C vs. KD | REM | -1.35 (-1.54, -1.15) | 0.000 | 0.136 | 36.7 | SMD |
| MIS-C vs. KDSS | REM | -0.69 (-1.01, -0.38) | 0.000 | 0.651 | 0.0 | SMD |
| **Inflammatory markers** |  |  |  |  |  |  |
| C-reactive protein (mg/L) | REM | 79.86 (58.24, 101.48) | 0.000 | 0.011 | 51.3 | WMD |
| Procalcitonin (ng/ml) | FEM | 1.35 (-0.17, 2.87) | 0.082 | 0.209 | 36.7 | WMD |
| D-dimer | FEM | 0.63 (0.39, 0.86) | 0.000 | 0.842 | 0 | SMD |
| Ferritin (ng/mL) | FEM | 539.16 (426.77, 651.55) | 0.000 | 0.514 | 0.0 | WMD |
| ESR (mm/hr) |  | NA |  |  |  |  |
| MIS-C vs. KD | FEM | 7.58 (-7.93, 23.08) | 0.34 | 0.245 | 28.8 | WMD |
| MIS-C vs. KDSS | FEM | -43.42 (-55.82, -31.01) | 0.000 | 0.705 | 0.0 | WMD |
| **Cardiac markers** |  |  |  |  |  |  |
| NT-proBNP | FEM | 0.05 (-0.15, 0.25) | 0.631 | 0.55 | 0.0 | SMD |
| Troponin | FEM | 0.17 (-0.08, 0.43) | 0.183 | 0.873 | 0.0 | SMD |
| AST (U/L) | FEM | 8.41 (-4.00, 20.83) | 0.184 | 0.664 | 0.00 | WMD |
| CPK (U/L) | FEM | 31.26 (6.20, 56.31) | 0.014 | 0.785 | 0.0 | WMD |
| **Biochemistry** |  |  |  |  |  |  |
| Albumin |  | NA |  |  |  |  |
| MIS-C vs. KD | FEM | -1.25 (-1.54, -0.96) | 0.000 | 0.364 | 7.5 | SMD |
| MIS-C vs. KDSS | FEM | 0.30 (-0.18, 0.78) | 0.216 | 0.317 | 12.8 | SMD |
| ALT (U/L) | FEM | -14.93 (-22.78, -7.08) | 0.000 | 0.115 | 35.5 | WMD |
| Creatinine | FEM | 1.87 (1.44, 2.29) | 0.000 | 0.358 | 2.7 | SMD |
| Na (mmol/L) | REM | -3.83 (-4.79, -2.86) | 0.000 | 0.048 | 50.6 | WMD |

NA: not available because there was large heterogeneity (I2 >75%), or the combined result was considered to be unreliable if the results of the two models [random effects model (REM) and fixed effects model (FEM)] were inconsistent.

ESR, erythrocyte sedimentation rate;

NT Pro-BNP, N-terminal pro-brain natriuretic peptide;

ALT, alanine aminotransferase;

Na, sodium;

CPK, creatine phosphokinase;

AST, aspartate aminotransferase.