

Supplementary Table S4, Laboratory findings of critically ill patients on admission, different hospitals

| | Reference values | All critically ill (n=52) | Critically ill, Dongguan People's Hospital (n=13) | Critically ill, Jingzhou Hospital of Traditional Chinese Medicine (n=23) | Critically ill, Jingzhou Central Hospital (n=15) | p value |
|---|------------------|---------------------------|---|--|--|--------------|
| Laboratory findings | | | | | | |
| White blood cell count (X 10 ⁹ /L) | 3.50-9.50 | 6.45 (4.53-10.91) | 5.69 (4.84-7.17) | 5.46 (3.80-7.53) | 11.40 (8.82-13.69) | 0.002 |
| Lymphocyte count (X 10 ⁹ /L) | 1.10-3.20 | 0.79 (0.58-1.07) | 0.75 (0.40-1.09) | 0.78 (0.57-1.07) | 0.83 (0.65-1.10) | 0.771 |
| Neutrophil count (X 10 ⁹ /L) | 1.80-6.30 | 4.87 (2.86-8.37) | 4.37 (3.33-6.43) | 3.55 (1.53-5.74) | 8.42 (5.91-12.80) | 0.002 |
| Monocyte count (X 10 ⁹ /L) | 0.10-0.60 | 0.36 (0.24-0.54) | 0.36 (0.32-0.42) | 0.35 (0.17-0.54) | 0.34 (0.24-0.82) | 0.591 |
| Platelet count (X 10 ⁹ /L) | 125.00-350.00 | 194.00 (148.00-274.50) | 162.00 (148.00-251.00) | 178.00 (124.00-254.00) | 231.00 (201.00-323.00) | 0.024 |
| NLR | 0.78-3.53 | 6.51 (2.54-14.12) | 6.43 (2.74-14.54) | 4.30 (1.90-9.71) | 11.71 (4.65-17.54) | 0.066 |
| APTT (s) | 21.00-37.00 | 34.20 (28.61-36.39) | 35.70 (34.20-40.55) | 30.41 (24.65-35.70) | 33.54 (30.20-36.40) | 0.062 |
| FIB (g/L) | 2.00-4.00 | 3.70 (3.11-4.86) | 4.62 (3.33-5.51) | 3.57 (3.25-4.53) | 3.76 (2.67-5.11) | 0.287 |
| D-dimer (μg/mL) | 0.00-0.55 | 0.50 (0.31-1.30) | 1.17 (0.43-1.92) | 0.38 (0.28-1.16) | 0.54 (0.35-1.02) | 0.201 |
| ESR (mm/1h) | 0.00-30.00 | 31.00 (23.75-45.25) | 15.00 (5.50-58.75) | 30.00 (25.00-65.00) | 37.00 (24.00-44.00) | 0.236 |
| PCT (ng/mL) | 0.00-0.50 | 0.24 (0.10-0.37) | 0.11 (0.10-0.17) | 0.34 (0.13-0.40) | 0.30 (0.23-0.42) | 0.017 |
| CRP(mg/L) | 0.00-10.00 | 24.70 (6.89-100.19) | 17.86 (5.00-65.02) | 34.06 (11.21-113.63) | 39.67 (6.89-130.00) | 0.268 |
| LDH (U/L) | 91.00-230.00 | 226.00 (183.00-323.10) | 202.55 (178.63-288.96) | 226.00 (184.50-483.50) | 250.50 (165.00-342.00) | 0.584 |
| CK (U/L) | 25.00-200.00 | 150.00 (47.85-186.50) | 47.85 (35.70-70.08) | 175.50 (152.00-380.25) | 108.75 (26.43-350.75) | 0.001 |
| Creatinine (μmol/L) | 44.00-112.00 | 74.19 (62.05-86.00) | 64.30 (46.40-71.60) | 84.60 (68.90-94.55) | 63.20 (54.30-79.00) | 0.001 |
| BUN (mmol/L) | 2.50-7.10 | 5.41 (4.16-6.90) | 4.90 (3.80-6.00) | 6.01 (5.01-8.98) | 5.32 (4.16-6.71) | 0.089 |
| AST (U/L) | 0.00-40.00 | 37.00 (25.70-56.00) | 24.70 (18.70-29.20) | 41.00 (31.00-65.00) | 45.00 (35.00-76.00) | 0.001 |
| ALT (U/L) | 0.00-50.00 | 36.45 (22.48-56.03) | 22.40 (17.65-53.65) | 37.00 (26.00-49.00) | 51.00 (32.10-89.00) | 0.057 |

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|----------------------------|------------|--------------------|--------------------|--------------------|---------------------|--------------|
| TBIL ($\mu\text{mol/L}$) | 3.00-21.00 | 17.20 (8.65-23.53) | 18.10 (9.25-21.10) | 15.30 (7.80-17.80) | 28.90 (20.10-32.80) | 0.001 |
|----------------------------|------------|--------------------|--------------------|--------------------|---------------------|--------------|

Data are median (IQR). p values are from Kruskal-Wallis test. NLR=neutrophil-to-lymphocyte ratio. APTT=activated partial thromboplastin time. FIB=fibrinogen. ESR=Erythrocyte sedimentation rate. PCT=Procalcitonin. CRP=C-reactive protein. LDH=Lactate dehydrogenase. CK=Creatine kinase. BUN= blood urea nitrogen. AST=aspartate transaminase. ALT=alanine aminotransferase. TBIL=Total bilirubin.