

Table 2: Comparison of the hematological and biochemical parameters between the 217 uncomplicated and complicated acute cholecystitis patients that underwent surgery and were included in the study.

| Parameters | Uncomplicated (n: 130) | Complicated (n: 87) | p value |
|----------------------------------|------------------------|---------------------|--------------|
| ALT (U/L) | 36.99 ± 66.8 | 34.54 ± 49.5 | 0.409 |
| AST (U/L) | 36.05 ± 62.1 | 34.85 ± 49.2 | 0.496 |
| ALP (U/L) | 91.06 ± 54.7 | 100.07 ± 91.3 | 0.06 |
| GGT (U/L) | 55.74 ± 77.9 | 66.34 ± 90.8 | 0.299 |
| LDH (U/L) | 224.03 ± 85.4 | 232.16 ± 80.5 | 0.996 |
| TBIL (mg/dL) | 0.95 ± 0.7 | 1.19 ± 0.8 | 0.208 |
| Hb (g/dL) | 13.49 ± 1.8 | 13.42 ± 1.8 | 0.853 |
| PLT (10³/µL) | 261.32 ± 71.3 | 259.25 ± 97.1 | 0.41 |
| Albumin (g/dL) | 4.03 ± 0.5 | 3.92 ± 0.6 | 0.161 |
| CRP (mg/dL) | 125.77 ± 127.3 | 171.43 ± 131.6 | 0.821 |
| LYMPH (10³/µL) | 2.01 ± 1.3 | 1.84 ± 0.7 | 0.121 |
| MONO (10³/µL) | 1.06 ± 0.6 | 1.19 ± 0.5 | 0.469 |
| NEU (10³/µL) | 12.20 ± 5.3 | 14.55 ± 5.8 | 0.196 |
| NEU% | 77.27 ± 12.3 | 80.92 ± 7.0 | 0.001 |
| WBC (10⁶/µL) | 15.28 ± 5.4 | 17.73 ± 6.2 | 0.84 |
| LMR (g/dL) | 2.44 ± 2.1 | 2.02 ± 1.6 | 0.047 |
| GPS* | 100.86 ± 13112 | 121.16 ± 10541 | 0.005 |
| mSIS* | 102.80 ± 13364 | 118.26 ± 10289 | 0.022 |

Values are reported as mean \pm standard deviation or (*) mean rank \pm sum of ranks. n: number, ALT: alanine aminotransferase, AST: aspartate aminotransferase, ALP; alkaline phosphatase, GGT: gama glutamil transferase, LDH; lactat dehidrogenase, TBIL: total bilirubin, Hb: hemoglobin, PLT: platelets, WBC: white blood cells, LYMPH: lymphocytes, MONO: monocytes, NEU: neutrophils, NEU%: neutrophil percentage, LMR: lymphocyte to monocyte ratio, NLR: neutrophil to lymphocyte ratio, GPS: Glasgow prognostic score, mSIS: modified systemic inflammation score.