**Supplementary Table 2. Baseline demographics and disease characteristics (full analysis set)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **Placebo group (*n=*68)** | **YGG group (*n=*71)** | ***p-*value** |
| ALB (g/L) | 30.2±5.3 | 31.1±6.5 | 0.356 |
| GLB (g/L) | 35.8±8.9 | 32.1±7.2\* | 0.009 |
| ALT (IU/L) | 50.6±91.5 | 56.9 ±1 05.8 | 0.705 |
| AST (IU/L) | 66.8±58.7 | 66.8±79.5 | > 0.999 |
| γ-GT (IU/L) | 91.6±114.1 | 102.1±185.9 | 0.686 |
| ALP (IU/L) | 135.2±72.5 | 136.4±79.5 | 0.922 |
| CHE (KU/L) | 3.0±1.0 | 3.4±1.3 | 0.095 |
| DBil (μmol/L) | 23.6±21.5 | 24.5±30.0 | 0.826 |
| IBil (μmol/L) | 26.2±14.9 | 26.1±17.8 | 0.977 |
| TBA (μmol/L) | 92.8±121.0 | 85.3±89.3 | 0.690 |
| PA (mg/L) | 100.0±42.0 | 99.7±50.6 | 0.973 |
| AFP (μg/L) | 35.8±83.7 | 161.3±1025.4 | 0.349 |
| Blood ammonia (μmol/L) | 65.2±39.0 | 65.5±35.2 | 0.976 |
| Blood routine |  |  |  |
| RBC (×1012/L) | 3.433±0.689 | 3.712±0.809\* | 0.032 |
| Hb (g/L) | 109.0±23.26 | 116.7±26.80 | 0.074 |
| WBC (×109/L) | 3.987±1.889 | 3.819±1.795 | 0.595 |
| N (×109/L) | 2.262±1.359 | 2.230±1.318 | 0.890 |
| L (×109/L) | 1.199±0.621 | 1.036±0.603 | 0.121 |
| PLT (×109/L) | 89.4±55.81 | 84.3±59.07 | 0.604 |
| Coagulation function |  |  |  |
| TT (S) | 18.55±1.785 | 18.62±1.896 | 0.843 |
| INR | 1.427±0.321 | 1.369±0.298 | 0.268 |
| Fib (g/L) | 2.123±0.625 | 2.048±0.644 | 0.504 |
| APTT (S) | 42.32±6.362 | 42.46±6.825 | 0.904 |
| PTA (%) | 63.96±17.124 | 67.70±19.695 | 0.241 |
| Renal function |  |  |  |
| Cr (μmol/L) | 69.881±23.289 | 71.572±24.594 | 0.687 |
| UA (μmol/L) | 314.10±99.644 | 312.37±110.865 | 0.926 |
| BUN (mmol/L) | 5.095±1.894 | 4.885±2.073 | 0.553 |
| Standard medical therapy |  |  |  |
| Diuretics | 51 (75.0) | 46 (64.8) | 0.190 |
| Human albumin | 40 (58.8) | 35 (49.3) | 0.260 |
| Lactulose | 12 (17.6) | 10 (14.1) | 0.565 |
| Beta blockers, | 15 (33.1) | 12 (16.9) | 0.442 |

Data are *n* (%) or mean±SD; γ-GT, gamma glutamyl transpeptidase; AFP, alpha fetoprotein; ALB, albumin; ALP, alkaline phosphatase; ALT, alanine transaminase; APTT, activated partial thromboplastin time; AST, aspartate aminotransferase; BUN, blood urea nitrogen; CHE, cholinesterase; Cr, creatinine; DBil, direct bilirubin; Fib, fibrinogen; GLB, globin; Hb, hemoglobin; INR, international normalized ratio; L, lymphocyte; N, neutrophils; PA, prealbumin; PLT, platelet; PTA, prothrombin activity; RBC, red blood cell; TBil, total bilirubin; TBA, total bile acids; TT, thrombin time; UA, uric acid; WBC, white blood cell.