**Supplementary Table 5. Differences in clinical indicators between age groups**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | age≥30 (n=57) | age<30 (n=70) | Z | *P* |
| SEX(%) | females | 21(36.84) | 35(50) | 2.206 | 0.137 |
| males | 36(63.16) | 35(50) |
| LogHBsAg(IU/ml) | | 4.55(4.81–4.08) | 4.62(4.79–4.35) | -0.824 | 0.41 |
| LogHBeAg(IU/ml) | | 3.11(3.20–2.95) | 3.17(3.22–3.10) | -2.012 | 0.044 |
| LOG DNA(IU/ml) | | 7.78(8.12–7.11) | 7.91(8.27–7.48) | -1.764 | 0.078 |
| HBsAg/HBV DNA | | 0.59(0.61–0.54) | 0.57(0.60–0.54) | -0.887 | 0.375 |
| TBIL(umol/l) | | 13(17.05–10.35) | 12.95(16.8–9.62) | -0.259 | 0.795 |
| ALB(g/l) | | 45.65(47.85–44.08) | 46.45(48.4–44.85) | -1.37 | 0.171 |
| ALT(U/L) | | 34.07±10.98 | 27.51±11.18 | 0.397 | 0.001 |
| GLO(U/L) | | 28.33±3.67 | 27.56±3.49 | 0.382 | 0.232 |
| AST(U/L) | | 27(31–23.65) | 24(28–19) | -2.654 | 0.008 |
| GGT(U/L) | | 18(26–14) | 14(21–11) | -2.95 | 0.003 |
| Last-LogHBsAg(IU/ml) | | 4.31(4.73–3.84) | 4.59(4.75–4.23) | -1.386 | 0.166 |
| Last-LogHBeAg(IU/ml) | | 3.08(3.19–2.71) | 3.16(3.22–3) | -2.55 | 0.011 |
| Last-LOG DNA(IU/ml) | | 7.45(7.95–4.54) | 7.85(8.17–7.24) | -2.603 | 0.009 |
| L- HBsAg /HBV DNA | | 0.61(0.92–0.55) | 0.58(0.61–0.55) | -1.968 | 0.049 |
| Last-TBIL(umol/l) | | 13.7(15.6–9.15) | 13.05(17.57–8.72) | -0.073 | 0.942 |
| Last-ALB(g/l) | | 45.01±2.65 | 46.61±2.69 | 0.121 | 0.001 |
| Last-GLO(U/L) | | 28.4(31.3–25.9) | 27.4(29.67–25.17) | -1.641 | 0.101 |
| Last-ALT(U/L) | | 74(140–56.5) | 24(36.5–18.75) | -7.825 | <0.001 |
| Last-AST(U/L) | | 47(91.5–33) | 23(29–19) | -7.115 | <0.001 |
| Last-GGT(U/L) | | 29(49–16.5) | 15(21–11) | -4.933 | <0.001 |
| Cum-HBsAg | | 6.61(12.19–3.82) | 8.87(15.31–4.90) | -1.958 | 0.05 |
| Cum-DNA | | 11.27(24.23–4.69) | 14.89(26.77–8.15) | -1.813 | 0.07 |
| Cum-HBeAg, | | 4.60(7.99–2.01) | 6.33(10.86–3.17) | -1.842 | 0.065 |
| Cum-HBsAg/HBV DNA | | 0.93(1.69–0.56) | 1.17(2.09–0.74) | -1.43 | 0.153 |

Note: “Last-” represents the values recorded at the last follow-up. “Cum-”represents the cumulative values calculated as described in the Methods.