**Table 1.** Comparison of biochemical parameters of the study subjects (n =120)

|  |  |  |  |
| --- | --- | --- | --- |
| **variables** | **Non-obese group****(n=60)** | **Obese group****(n=60)** | **P value** |
| **Mean ± SD or Median(IQR)** |
| **Blood glucose level (mmol/L)** | 4.74±0.34 | 5.03±0.43 | <0.001 |
| **Insulin (μIU/L)** | 10.31(8.03) | 15.32(9.74) | <0.001\* |
| **HOMA-IR** | 2.18(1.55) | 3.58(2.37) | <0.001\* |
| **Leptin (pg/ml)** | 3(2.48) | 6(5.6) | <0.001\* |
| **IL-6 (pg/ml)** | 10(8) | 38(37.5) | <0.001\* |
| **Testosterone (pg/ml)** | 5.55±2.43 | 4.07±1.34 | <0.001 |

Independent t test, **\***Mann-Whitney test