Table 1. Comparison of clinical data.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group | N | Gender (n) | | Age (yr) | Weight (kg) | Height (cm) | Type of fracture (n) | | | | Cause of trauma (n) | | | |
| Male | Female | Tibia-fibula | Tibia-fibula and ulna-radius | femur and humerus | humerus and ulna-radius | Traffic injury | Crush injury | Fall injury | Other |
| Study group | 58 | 30 | 28 | 34.26 ± 1.21 | 65.34 ± 3.15 | 168.24 ± 5.26 | 22 | 18 | 15 | 3 | 30 | 15 | 10 | 3 |
| Control group | 58 | 31 | 27 | 34.33 ± 1.25 | 65.48 ± 3.21 | 169.59 ± 5.44 | 21 | 19 | 14 | 4 | 31 | 14 | 11 | 2 |
| t/χ2 value | — | 0.03 | | 0.31 | 0.24 | 1.36 | 0.23 | | | | 0.30 | | | |
| *p* value | — | 0.85 | | 0.76 | 0.81 | 0.18 | 0.97 | | | | 0.96 | | | |

Table 2. Comparison of coagulation parameters ().

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group | N | TT (s) | | t value | *p* value | Fib (g/L) | | t value | *p* value | PT (s) | | t value | *p* value | APTT (s) | | t value | *p* value |
| Pre-surgery | 24 h post-surgery | Pre-surgery | 24 h post-surgery | Pre-surgery | 24 h post-surgery | Pre-surgery | 24 h post-surgery |
| Study group | 58 | 12.05 ± 0.44 | 11.95 ± 0.39 | 1.2953 | 0.1978 | 3.50 ± 0.51 | 2.75 ± 0.21 | 10.3561 | 0.0000 | 13.24 ± 0.60 | 13.33 ± 0.54 | 0.8491 | 0.3976 | 33.24 ± 1.11 | 32.14 ± 6.96 | 1.1886 | 0.2371 |
| Control group | 58 | 12.16 ± 0.49 | 11.91 ± 0.43 | 2.9205 | 0.0042 | 3.49 ± 0.50 | 2.78 ± 0.19 | 10.1091 | 0.0000 | 13.31 ± 0.57 | 13.29 ± 0.46 | 0.2080 | 0.8356 | 33.14 ± 1.05 | 32.17 ± 7.26 | 1.0071 | 0.3160 |
| t value | — | 1.2721 | 0.5248 | — | — | 0.1066 | 0.8068 | — | — | 0.6442 | 0.4294 | — | — | 0.4984 | 0.0227 | — | —— |
| *p* value | — | 0.21 | 0.60 | — | — | 0.92 | 0.42 | — | — | 0.52 | 0.67 | — | — | 0.62 | 0.98 | — | —— |

TT: thrombin time; Fib: fibrinogen; PT: prothrombin time; APTT: activated partial thromboplastin time.