|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | On scene values | | | ED values | | |
| TXA, n=70 | C, n=38 |  | TXA, n=70 | C, n=38 |  |
| Mean [SD] | Mean [SD] | p-value | Mean [SD] | Mean [SD] | p-value |
| pH | 7.32 [0.09] | 7.31 [0.07] | 0.29 | 7.35 [0.09] | 7.31 [0.08] | **0.01** |
| Standard Bicarbonate (mmol/l) | 23.2 [2.8] | 22.6 [3.1] | 0.37 | 22.6 [2.9] | 21.8 [3.6] | 0.54 |
| Base excess | -2.6 [3.5] | -3.3 [3.5] | 0.24 | -2.5 [3.2] | -4.0 [4.0] | 0.05 |
| Anion gap (mmol/l) | 10.2 [3.7] | 7.7 [3.7] | **0.002** | 8.5 [3.3] | 7.0 [3.2] | 0.02 |
| Hemoglobin (g/l) | 146 [19] | 139 [23] | 0.17 | 127 [21] | 117 [29] | 0.09 |
| Lactate (mmol/l) | 3.3 [2.1] | 3.1 [1.4] | 0.97 | 2.0 [1.4] | 2.5 [1.7] | 0.06 |
| EXTEM MCF (mm) | 60 [7] | 58 [8] | 0.27 | 60 [7] | 50 [9] | **< 0.001** |
| EXTEM ML (%) | 11 [16] | 10 [22] | **< 0.001** | 5 [3] | 6 [7] | 0.57 |
| INTEM MCF (mm) | 58 [8] | 58 [10] | 0.93 | 57 [7] | 50 [11] | **< 0.001** |
| INTEM ML (%) | 13 [19] | 10 [20] | **< 0.001** | 6 [3] | 6 [6] | 0.14 |
| FIBTEM MCF (mm) | 14 [5] | 14 [5] | 0.97 | 14 [4] | 11 [5] | **< 0.001** |
| FIBTEM ML (%) | 8 [21] | 7 [23] | 0.90 | 7 [12] | 7 [12] | 0.12 |
| Quick`s value (%) | 80 [26] | 82 [18] | 0.92 | 74 [24] | 81 [19] | 0.18 |
| INR | 1.3 [0.5] | 1.1 [0.2] | 0.39 | 1.3 [0.5] | 1.2 [0.3] | 0.11 |
| Fibrinogen (g/l) | 2.3 [0.8] | 2.6 [1.0] | 0.08 | 1.9 [0.8] | 2.1 [0.8] | 0.11 |
| Factor XIII activity (%) | 121 [25] | 109 [25] | 0.02 | 104 [32] | 87 [25] | **< 0.001** |
| Factor V activity (%) | 80 [26] | 108 [34] | **< 0.001** | 66 [25] | 90 [32] | **< 0.001** |
| D-Dimers (mg/dl) | 6.9 [4.5] | 5.9 [5.8] | 0.10 | 7.2 [4.5] | 9.1 [8.9] | 0.90 |
| Protein C activity (%) | 92 [22] | 96 [24] | 0.64 | 83 [23] | 80 [23] | 0.49 |

**Supplement Table 2:** **On scene and emergency department laboratory and ROTEM values.** Mean and [SD] of the values on scene and in the emergency department are summarized. The p-value (Mann-Whitney test) was calculated between the groups TXA and C. P-values ≤ 0.01 were considered statistically significant. SD: standard deviation, CT: Clotting time, CFT: Clot formation time, MCF: Maximum clot firmness, ML: Maximum lysis