|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Changes from on scene to ED admission | | Difference between TXA and C | |
| C, n=38 | TXA, n=70 |
| Mean [SD] | Mean [SD] | Difference in means (95% CI) | p-value |
| pH | 0.00 [0.07] | 0.03 [0.10] | -0.03 (-0.70 – 0.00) | 0.10 |
| Standard Bicarbonate (mmol/l) | -0.8 [2.5] | -0.8 [2.3] | -0.1 (-1.0 – 0.9) | 0.82 |
| Base excess | -0.7 [2.4] | 0.1 [2.8] | -0.8 (-1.8 – 0.3) | 0.09 |
| Anion gap (mmol/l) | -0.7 [3.4] | -1.7 [2.8] | 1.0 (-0.2 – 2.2) | 0.41 |
| Hemoglobin (g/l) | -22 [26] | -19 [17] | -3 (-11 – 6) | 0.91 |
| Lactate (mmol/l) | -0.6 [1.3] | -1.3 [1.5] | 0.7 (0.1 – 1.3) | 0.02 |
| EXTEM MCF (mm) | -7.8 [4.0] | -0.8 [3.8] | -8.5 (-10.1 – -7.0) | **< 0.001** |
| EXTEM ML (%) | -4 [20] | -6 [17] | 2 (2 – 5) | **< 0.001** |
| INTEM MCF (mm) | -7.2 [4.3] | -0.8 [5.0] | -6.5 (-8.4 – -4.6) | **< 0.001** |
| INTEM ML (%) | -4 [20] | -7 [20] | 3 (2 – 5) | **< 0.001** |
| FIBTEM MCF (mm) | -3.5 [1.9] | -0.1 [2.5] | -3.5 (-4.5 – -2.6) | **< 0.001** |
| FIBTEM ML (%) | -1 [18] | 0 [20] | -1 (-9 – 7) | 0.02 |
| Quick`s value (%) | -1 [15] | -6 [21] | 5 (-3 – 13) | 0.19 |
| INR | 0.0 [0.2] | 0.0 [0.3] | 0.0 (-0.1 – 0.1) | 0.73 |
| Fibrinogen (g/l) | -0.5 [0.5] | -0.4 [0.5] | 0.0 (-0.2 – 0.1) | 0.75 |
| Factor XIII activity (%) | -22 [18] | -18 [20] | -4 (-12 – 3) | 0.06 |
| Factor V activity (%) | -18 [22] | -15 [20] | -3 (-11 – 5) | 0.59 |
| D-Dimers (mg/dl) | 3.2 [5.4] | 0.2 [1.6] | 3.0 (1.6 – 4.4) | **0.005** |
| Protein C activity (%) | -15 [18] | -9 [14] | -6 (-12 – 1) | 0.03 |

**Supplement Table 3:** **Changes of laboratory and ROTEM values between on scene and the emergency department.** Differences between on scene and ED values were calculated and summarized as mean and [SD] for both groups (TXA and C). Difference in means, (95% CI) and p-value (Mann-Whitney test) of the on scene to ED changes between the groups TXA and C were calculated. P-values ≤ 0.01 were considered statistically significant.

ED: emergency department, SD: standard deviation, MCF: Maximum clot firmness, ML: maximum lysis, CI: confidence interval