**Supplementary Table 1. Rotational Thromboelastometry**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Parameter** | **Injury Group** | **BSLN** | | | **EOS** | | | **EOR** | | | **T=360 Min** | | |
| EXTEM | CT (sec) | PTHS-30 | 72 | ± | 7 | 59 | ± | 5 | 63 | ± | 5 | 65 | ± | 8 |
| PTHS-60 | 97 | ± | 22 | 55 | ± | 6\* | 66 | ± | 7\* | 59 | ± | 6\* |
| PTHS-60+ST | 59 | ± | 3 | 55 | ± | 1 | 56 | ± | 2 | 55 | ± | 2 |
| PTHS-60+ST+FF | 59 | ± | 2 | 57 | ± | 2 | 57 | ± | 2 | 56 | ± | 3 |
| PTHS-D | 60 | ± | 4 | 64 | ± | 2 | 66 | ± | 3 | 65 | ± | 3 |
| CFT (sec) | PTHS-30 | 138 | ± | 26 | 104 | ± | 10 | 143 | ± | 30 | 127 | ± | 14 |
| PTHS-60 | 170 | ± | 30 | 110 | ± | 21\* | 144 | ± | 26 | 180 | ± | 72 |
| PTHS-60+ST | 82 | ± | 6 | 86 | ± | 6 | 105 | ± | 7 | 100 | ± | 8 |
| PTHS-60+ST+FF | 86 | ± | 3 | 88 | ± | 5 | 122 | ± | 4\* | 112 | ± | 9 |
| PTHS-D | 78 | ± | 3 | 83 | ± | 4 | 104 | ± | 9 | 101 | ± | 8 |
| alpha (o) | PTHS-30 | 66 | ± | 3 | 70 | ± | 2 | 67 | ± | 2 | 67 | ± | 2 |
| PTHS-60 | 61 | ± | 4 | 70 | ± | 4\* | 66 | ± | 4\* | 66 | ± | 5\* |
| PTHS-60+ST | 74 | ± | 1 | 74 | ± | 0 | 71 | ± | 1 | 72 | ± | 1 |
| PTHS-60+ST+FF | 74 | ± | 1 | 73 | ± | 1 | 69 | ± | 1 | 70 | ± | 1 |
| PTHS-D | 75 | ± | 1 | 75 | ± | 1 | 72 | ± | 1 | 72 | ± | 1 |
| MCF (mm) | PTHS-30 | 50 | ± | 2 | 49 | ± | 1 | 44 | ± | 3\* | 45 | ± | 2 |
| PTHS-60 | 43 | ± | 2 | 45 | ± | 3 | 43 | ± | 2 | 42 | ± | 4 |
| PTHS-60+ST | 50 | ± | 2 | 47 | ± | 1 | 46 | ± | 1 | 47 | ± | 1 |
| PTHS-60+ST+FF | 46 | ± | 1 | 46 | ± | 1 | 42 | ± | 1 | 43 | ± | 2 |
| PTHS-D | 48 | ± | 1 | 46 | ± | 1 | 45 | ± | 1 | 46 | ± | 1 |
| FIBTEM | CT (sec) | PTHS-30 | 67 | ± | 8 | 128 | ± | 68 | 79 | ± | 22 | 57 | ± | 7 |
| PTHS-60 | 70 | ± | 11 | 106 | ± | 46 | 98 | ± | 31 | 103 | ± | 38 |
| PTHS-60+ST | 50 | ± | 2 | 54 | ± | 1 | 50 | ± | 2 | 47 | ± | 2 |
| PTHS-60+ST+FF | 53 | ± | 4 | 57 | ± | 3 | 56 | ± | 2 | 50 | ± | 2 |
| PTHS-D | 55 | ± | 2 | 62 | ± | 2 | 69 | ± | 3 | 63 | ± | 3 |
| MCF (mm) | PTHS-30 | 14 | ± | 1 | 14 | ± | 2 | 13 | ± | 3 | 14 | ± | 2 |
| PTHS-60 | 15 | ± | 2 | 12 | ± | 1 | 10 | ± | 1 | 10 | ± | 1\* |
| PTHS-60+ST | 13 | ± | 1 | 12 | ± | 1 | 11 | ± | 0 | 13 | ± | 1 |
| PTHS-60+ST+FF | 14 | ± | 2 | 11 | ± | 1 | 9 | ± | 1\* | 11 | ± | 1 |
| PTHS-D | 11 | ± | 1 | 11 | ± | 1 | 8 | ± | 1 | 9 | ± | 1 |

**Supplementary Table 1. Rotational Thromboelastometry.** Shown in the table are EXTEM and FIBTEM tests for coagulation measurements. Time-point columns include: baseline (BSLN), end of shock (EOS), end of resuscitation (EOR) and T=360 minutes after end of shock (T360). Parameters measured include maximum clot firmness (MCF), clotting time (CT), clot formation time (CFT) and alpha angle. Injury groups include pressure-targeted hemorrhagic shock for 30 minutes (PTHS-30), PTHS for 60 minutes (PTHS-60), PTHS-60 with soft tissue injury (PTHS-60+ST), PTHS-60+ST with femur fracture (PTHS-60+ST+FF) and non time-controlled PTHS to cardiovascular decompensation with ST and FF (PTHS-D). Numbers shown are mean+SEM. Asterisks show significance from baseline values for each group; p<0.05 significance.