**Appendix 1**



*Figure 1: Pre-Trial Questionnaire*

**

*Figure 2: Post trial questionnaire*

**Appendix 2**



**Appendix 3**

*Table 1: Results of TEG-6 run during the trial period on Code Red Patients*

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Patient** | **Sex** | **Age**  | **Injury Severity Score** | **Number of TEGS run** | **TEG results** | **INR result** | **Blood components given\*** | **On review of TEG results by consultant haematologist following trial, could blood product administration have been altered at the time of the TEG?** | **Patient Outcome** |
| 1 | F | 80 | 22 | 1 | Normal | 1.0 | 3 PRC/2 FFP | No | Survived |
| 2 | M | 28 | 9 | 1 | Mildly hypercoagulable | 1.1 | Not available  | No | Survived |
| 3 | M | 51 | 17 | 1 | Normal | 0.9 | 0 | No | Survived |
| 4 | M | 94 | 29 | 1 | Test failed | 1.0 | 4 PRC/4FFP | No | Deceased  |
| 5 | M | 82 | N/A¶ | 1 | Normal | NO RESULTS | 2 PRC | No | Deceased |
| 6 | M | 26 | Awaiting  | 1 | Normal | 0.9 | 1 PRC | No | Survived |
| 7 | F | 92 | 34 | 1 | Mildly hypercoagulable | 1.0 | 1 PRC | No | Deceased |
| 8 | F | 86 | 22 | 1 | Mild coagulopathy | 1.1 | 4 PRC/2 FFP  | Advise plasma  | Deceased |
| 9 | M | 16 | 35 | 1 | Coagulopathic | 1.4 | 4 PRC/4FFP | Advise fibrinogen replacement  | Survived |
| 10 | M | 46 | 9 | 1 | Normal | 1.1 (initial result was no result) | 3PRC/3FFP | No | Deceased |
| 11 | M | 33 | 43 | 2 | Coagulopathic | 1.2 | 4 PRC/3FFP/1 Plts/2 cryo | Advise further fibrinogen replacement\*\* | Deceased |
| 12 | M | 61 | 66 | 1 | Coagulopathic | 1.3 | 4PRC/4FFP | Advise fibrinogen replacement | Deceased |

*PRC = packed red cells; FFP = fresh frozen plasma; cryo = cryoprecipitate; Plts = platelets
\*Blood components administered within the emergency department. Some patients went on to have further components.
¶Patient had a road traffic accident secondary to abdominal aortic aneurysm so no severity of trauma score. No blood results formally taken.
\*\*Patient’s blood components were guided by results of first TEG. Second TEG result suggested fibrinogen deficiency.*