**SUPPLEMENTARY DATA S3. MISSING DATA AND POSSIBLE**

**OUTLIERS**

Summary of missing data by treatment arm

| | Variable | Interventional arm | Control arm | Unassigned | Total |
|---|---|---|---|---|---|
| | **Total** | **26** | **25** | **2** | **53** |
| Baseline Demographics | Hb | 3 (12%) | 2 (8%) | 0 (0%) | 5 (10%) |
| | Platelets | 3 (12%) | 2 (8%) | 0 (0%) | 5 (10%) |
| | White cells | 3 (12%) | 3 (12%) | 0 (0%) | 6 (12%) |
| | PT | 9 (35%) | 8 (32%) | 1 (50%) | 17 (33%) |
| | aPTT | 10 (38%) | 8 (32%) | 1 (50%) | 18 (35%) |
| | **Total** | **25** | **23** | | **48** |
| Drain | Drain volume | 0 (0%) | 1 (4%) | - | 1 (2%) |
| NDII | Follow-up 2 | 1 (4%) | 3 (13%) | - | 4 (8%) |
| Surgery | Cutting Instrument | 0 (0%) | 1 (4%) | - | 1 (2%) |
| | Blood Loss | 0 (0%) | 1 (4%) | - | 1 (2%) |
| | Length of Surgery | 2 (8%) | 3 (13%) | - | 5 (10%) |
| | Time to Reveal | 0 (0%) | 2 (9%) | - | 2 (4%) |
| | Time to Recovery Room | 2 (8%) | 2 (9%) | - | 4 (8%) |

Summary of missing data by site

| | Variable | Queen Victoria Hospital | Aintree University Hospital | Total |
|---|---|---|---|---|
| **Baseline Demographics** | **Total** | **7** | **46** | **53** |
| | Hb | 2 (29%) | 3 (7%) | 5 (10%) |
| | Platelets | 2 (29%) | 3 (7%) | 5 (10%) |
| | White cells | 3 (43%) | 3 (7%) | 6 (12%) |
| | PT | 7 (100%) | 11 (24%) | 18 (33%) |
| | aPTT | 7 (100%) | 12 (26%) | 19 (35%) |
| | **Total** | **6** | **42** | **48** |
| Drain | Drain volume | 0 (0%) | 1 (2%) | 1 (2%) |
| NDII | Follow-up 2 | 1 (17%) | 3 (7%) | 4 (8%) |
| **Surgery** | Cutting Instrument | 0 (0%) | 1 (2%) | 1 (2%) |
| | Blood Loss | 0 (0%) | 1 (2%) | 1 (2%) |
| | Length of Surgery | 1 (17%) | 4 (10%) | 5 (10%) |
| | Time to Reveal | 0 (0%) | 2 (5%) | 2 (4%) |

Summary of possible outliers by treatment arm

| | Covariate | Severity | Interventional arm | Control arm | Total |
|---|---|---|---|---|---|
| | Total | | 25 | 23 | 48 |
| Drain | Volume | Mild | 0 (0%) | 1 (4%) | 1 (2%) |
| Surgical Outcomes | Blood Loss | Mild | 2 (8%) | 4 (17%) | 6 (13%) |
| | | Severe | 2 (8%) | 0 (0%) | 2 (4%) |
| | Length of Surgery | Mild | 0 (0%) | 1 (4%) | 1 (2%) |
| | | Severe | 1 (4%) | 0 (0%) | 1 (2%) |
| | Time to Reveal | Mild | 0 (0%) | 1 (4%) | 1 (2%) |
| | | Severe | 0 (0%) | 1 (4%) | 1 (2%) |