**Supplemental Table 3**. Untoward health events recorded during the study.

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| --- | --- | --- | --- | --- | --- | --- |
| **Subject** | **Group** | **Untoward Health Event** | **Severity** | **Relatedness** | **Action** | **Outcome** |
| 1 | Fiber | Agitation | 2 | 0 | 3 | 1 |
| 1 | Fiber | Atrial fibrillation | 2 | 0 | 3 | 1 |
| 1 | Fiber | Pneumothorax | 3 | 0 | 4 | 1 |
| 1 | Fiber | Hyperkalemia | 2 | 0 | 3 | 1 |
| 1 | Fiber | Abdominal pain | 2 | 1 | 3 | 1 |
| 2 | No fiber | Acute kidney injury | 2 | 0 | 3 | 1 |
| 2 | No fiber | Tachypnea | 1 | 0 | 3 | 1 |
| 3 | Fiber | Hypotension | 1 | 0 | 3 | 1 |
| 3 | Fiber | Constipation | 1 | 1 | 3 | 1 |
| 3 | Fiber | Fever and desaturation | 2 | 0 | 3 | 1 |
| 3 | Fiber | Difficulty oxygenating on ECMO and ventilator | 4 | 0 | 4 | 2 |
| 3 | Fiber | Worsening AKI and oliguria | 3 | 0 | 3 | 3 |
| 3 | Fiber | Agitation | 2 | 0 | 3 | 1 |
| 3 | Fiber | Constipation | 1 | 1 | 3 | 1 |
| 3 | Fiber | Secretions | 3 | 0 | 4 | 1 |
| 4 | No fiber | Hydronephrosis | 3 | 0 | 4 | 1 |
| 4 | No fiber | Hypoxemia | 3 | 0 | 4 | 2 |
| 4 | No fiber | Anemia | 2 | 0 | 1 | 1 |
| 4 | No fiber | UTI | 1 | 0 | 3 | 1 |
| 5 | Fiber | Hypotension from tension pneumothorax | 2 | 0 | 4 | 1 |
| 5 | Fiber | Hypernatremia | 1 | 0 | 3 | 1 |
| 7 | No fiber | Agitation | 2 | 0 | 3 | 1 |
| 8 | No fiber | Desaturation and agitation | 4 | 0 | 3 | 5 |
| 9 | No fiber | Supraventricular tachycardia | 2 | 0 | 3 | 1 |
| 9 | No fiber | Hypoxemia | 3 | 0 | 3 | 1 |
| 9 | No fiber | Urinary catheter issues | 2 | 0 | 3 | 1 |
| 10 | No fiber | Difficulty ventilating | 4 | 0 | 4 | 3 |
| 11 | Fiber | High tube feed residuals | 1 | 1 | 3 | 1 |
| 11 | Fiber | Difficulty ventilating | 3 | 0 | 4 | 3 |
| 11 | Fiber | Bleeding peptic ulcer | 3 | 0 | 4 | 1 |
| 13 | Fiber | Hypernatremia | 1 | 0 | 3 | 1 |
| 13 | Fiber | Diarrhea | 1 | 1 | 3 | 1 |
| 15 | No fiber | Diarrhea | 1 | 1 | 3 | 1 |
| 15 | No fiber | Pneumothorax | 4 | 0 | 4 | 5 |
| 18 | Fiber | Vomiting | 1 | 1 | 3 | 1 |
| 18 | Fiber | Hyperkalemia | 1 | 0 | 3 | 1 |
| 19 | No fiber | Difficulty ventilating | 3 | 0 | 4 | 1 |
| 19 | No fiber | Bleeding | 2 | 0 | 4 | 5 |
| 19 | No fiber | Acute kidney injury | 3 | 0 | 3 | 4 |
| 19 | No fiber | High tube feed residuals | 1 | 1 | 3 | 4 |
| 20 | Fiber | Agitation | 2 | 0 | 3 | 1 |
| 20 | Fiber | Hypekalemia | 1 | 0 | 3 | 1 |
| 20 | Fiber | Cardiac arrest | 4 | 0 | 3 | 4 |
| 21 | No fiber | Mucus plug on chest x-ray | 3 | 0 | 4 | 1 |
| 22 | No fiber | Agitation | 2 | 0 | 3 | 1 |

Deaths and infections were separately adjudicated as pre-specified outcomes of interest and are therefore not included on this table. See manuscript for details.

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| --- | --- | --- | --- |
| Severity: | Relatedness: | Action: | Outcome: |
| 1 = Mild | 0 = Definitely unrelated | 0 = None | 1 = Resolved |
| 2 = Moderate | 1 = Unlikely related | 1 = Intervention altered | 2 = Minor sequelae |
| 3 = Severe | 2 = Possibly related | 2 = Intervention discontinued | 3 = Major sequelae |
| 4 = Life threatening | 3 = Probably related | 3 = Medical intervention | 4 = Continued treatment |
|  | 4 = Definitely related | 4 = Surgical intervention | 5 = Death |