**Supplementary Table 2.** Measures of accuracy for respiratory rate for each of the 11 secondary outcomes.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outcome | **Sens** | **Spec** | **PPV** | **NPV** | **LR(+)** | **LR(-)** |
| Any LSI | 18.4 | 97.8 | 35.5 | 94.7 | 8.22 | 0.84 |
| Tachydysrhythmia | 7.3 | 96.8 | 0.5 | 99.8 | 2.26 | 0.96 |
| Cardiac arrest | 32.1 | 97.1 | 10.8 | 99.2 | 10.97 | 0.70 |
| Airway | 32.2 | 97.4 | 21.8 | 98.5 | 12.43 | 0.70 |
| Seizure/sedation | 10.7 | 96.8 | 3.6 | 99.0 | 3.38 | 0.92 |
| Toxicologic | 22.9 | 97.1 | 11.2 | 98.7 | 7.82 | 0.79 |
| Bradycardia | 11.6 | 96.8 | 0.9 | 99.8 | 3.61 | 0.91 |
| Foreign body removal | 14.8 | 96.8 | <0.1 | 100 | 4.57 | 0.88 |
| Vasoactive medication | 39.6 | 97.1 | 11.7 | 99.4 | 13.68 | 0.62 |
| Hemorrhage control | 4.9 | 96.8 | 0.1 | 99.9 | 1.52 | 0.98 |
| Needle decompression | 28.7 | 96.8 | 0.3 | 100 | 8.87 | 0.74 |
| Hypoglycemia | 3.8 | 96.8 | 1.0 | 99.2 | 1.16 | 0.99 |

Sens, sensitivity; Spec, specificity; PPV, positive predictive value; NPV, negative predictive value; LR (+), positive likelihood ratio; LR (-), negative likelihood ratio