**Supplementary Table 1.** Measures of accuracy for heart rate for any life saving intervention (LSI) and each of the 11 secondary outcomes.

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| --- | --- | --- | --- | --- | --- | --- |
| Outcome | **Sens** | **Spec** | **PPV** | **NPV** | **LR(+)** | **LR(-)** |
| Any LSI | 24.2 | 94.3 | 22 | 94.9 | 4.23 | 0.80 |
| Tachydysrhythmia | 85.7 | 93.3 | 2.7 | 100 | 12.81 | 0.15 |
| Cardiac arrest | 48.2 | 93.6 | 7.7 | 99.4 | 7.53 | 0.55 |
| Airway | 28.9 | 93.6 | 9.2 | 98.3 | 4.54 | 0.76 |
| Seizure/sedation | 22.6 | 93.3 | 3.5 | 99.1 | 3.38 | 0.83 |
| Toxicologic | 16.5 | 93.3 | 3.8 | 98.6 | 2.46 | 0.89 |
| Bradycardia | 56.0 | 93.3 | 2.0 | 99.9 | 8.30 | 0.47 |
| Foreign body removal | 16.6 | 93.1 | <0.1 | 100 | 2.42 | 0.90 |
| Vasoactive medication | 54.3 | 93.6 | 7.7 | 99.5 | 8.48 | 0.49 |
| Hemorrhage control | 12.2 | 93.1 | 0.1 | 99.9 | 1.78 | 0.94 |
| Needle decompression | 33.5 | 93.1 | 0.2 | 100 | 4.88 | 0.71 |
| Hypoglycemia | 6.8 | 93.1 | 0.8 | 99.2 | 0.99 | <0.1 |

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