Supplemental Table: Prediction of clinical watchers alone and clinical watchers plus $IDO_2<5$. CI=confidence interval

| | Clinical Watcher Only 12-Hour Time Periods, N=4,017 | | Clinical Watchers & $IDO_2<5$ 12 Hour Time Periods, N=2958 | |
|---|---|---|---|---|
| | Clinical Deterioration Events | CPR Events | Clinical Deterioration Events | CPR Events |
| N | 93 | 23 | 77 | 23 |
| Prevalence | 0.9% | 0.2% | 0.9% | 0.2% |
| Positive Likelihood Ratio (95% CI) | 2.6 (2.2-3.0) | 2.9 (2.2-4.0) | 2.9 (2.4-3.5) | 3.8 (2.9-5.2) |
| Negative Likelihood Ratio (95% CI) | 0.7 (0.6-0.8) | 0.6 (0.5-0.8) | 0.7 (0.7-0.8) | 0.6 (0.5-0.8) |
| Positive Predictive Value (95% CI) | 2.3% (2.0-2.7%) | 0.6% (0.4-0.8%) | 2.6% (2.2-3.1%) | 0.8% (0.6-1.0%) |
| Negative Predictive Value (95% CI) | 99.4% (99.3-99.4%) | 99.9% (99.8-99.9%) | 99.3% (99.3-99.4%) | 99.9% (99.8-99.9%) |
| Number Needed to Alert (95% CI) | 43 (37-50) | 167 (125-250) | 38 (32-42) | 125 (100-167) |