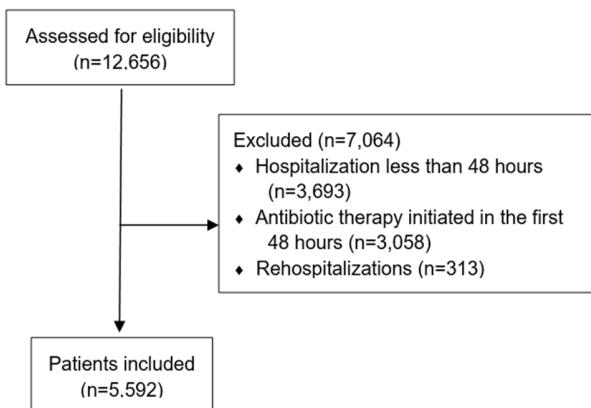
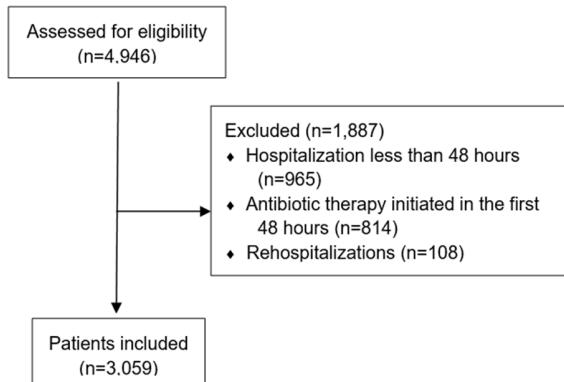


Patient flow diagram

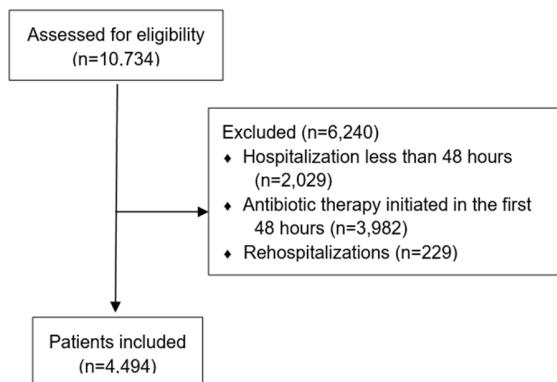
Derivation cohort – Beilinson Hospital



Validation cohort – Hasharon Hospital



Validation cohort – Rambam Health Care Campus



Performance Metrics

| Medical Center | Probability Thresholds | Sensitivity | Specificity | Positive Predictive Value | Negative Predictive Value | Accuracy |
|----------------------------------|------------------------|-------------|-------------|---------------------------|---------------------------|----------|
| Beilinson | 0.04 | 0.89 | 0.29 | 0.1 | 0.97 | 0.34 |
| | 0.06 | 0.76 | 0.55 | 0.13 | 0.96 | 0.56 |
| | 0.085* | 0.63 | 0.72 | 0.17 | 0.95 | 0.72 |
| | 0.1 | 0.52 | 0.8 | 0.18 | 0.95 | 0.77 |
| Hasharon | 0.04 | 0.87 | 0.37 | 0.06 | 0.98 | 0.4 |
| | 0.06 | 0.72 | 0.65 | 0.09 | 0.98 | 0.65 |
| | 0.085* | 0.49 | 0.79 | 0.10 | 0.97 | 0.78 |
| | 0.1 | 0.45 | 0.84 | 0.12 | 0.97 | 0.82 |
| Rambam Health Care Campus | 0.04 | 0.96 | 0.13 | 0.09 | 0.97 | 0.20 |
| | 0.06 | 0.84 | 0.45 | 0.13 | 0.97 | 0.49 |
| | 0.085* | 0.69 | 0.69 | 0.17 | 0.96 | 0.69 |
| | 0.1 | 0.62 | 0.77 | 0.20 | 0.95 | 0.76 |

* Youden's index