TABLE E-1 Algorithm for the Predicted Probability of Methicillin-Resistant *Staphylococcus aureus* (MRSA) Infection*

Significant Clinical Predictor				Probability of MRSA *(%)*	95% CI *(%)*
Temperature >38°C	Hematocrit <34%	White Blood-Cell Count >12.0 × 10^3 cells/μL	C-Reactive Protein >13 mg/L		
Yes	Yes	Yes	Yes	91	70 to 98
Yes	Yes	Yes	No	50	10 to 82
Yes	Yes	No	Yes	50	15 to 88
Yes	Yes	No	No	11	3 to 35
Yes	No	Yes	Yes	50	15 to 82
Yes	No	Yes	No	10	2 to 35
Yes	No	No	Yes	12	3 to 70
Yes	No	No	No	2	0 to 10
No	Yes	Yes	Yes	38	10 to 75
No	Yes	Yes	No	8	1 to 40
No	Yes	No	Yes	8	1 to 40
No	Yes	No	No	1	0 to 15
No	No	Yes	Yes	8	2 to 30
No	No	Yes	No	1	0 to 8
No	No	No	Yes	1	0 to 20
No	No	No	No	0.1	0 to 2

*The algorithm was developed with use of multivariate logistic regression analysis. CI = confidence interval.