

Supplemental Table

Pulse Oximetry Monitoring by Unit Composition

Unit Composition	No. bronchiolitis bedside observations (N = 2366)	Unadjusted observed use, % of patients (95% CI)*	Modeled use, % of patients (95% CI)**
General pediatrics only	596	34.9 (21.7-48.1)	39.7 (30.3-49.1)
General pediatrics/medical subspecialties	1071	46.2 (35.8-56.6)	37.1 (28.7-45.6)
Medical subspecialties only	58	46.6 (29.7-63.4)	52.2 (36.9-67.6)
General pediatrics/surgical	337	40.1 (21.1-59.1)	43.6 (32.7-54.5)
Surgical only	20	40.0 (0.0-85.6)	51.2 (30.1-72.4)
Medical subspecialties/surgical	21	47.6 (23.1-72.1)	56.2 (35.4-77.0)
General pediatrics/medical subspecialties/surgical	263	47.9 (25.4-70.4)	39.0 (28.3-49.7)

*Width of 95% CI accounts for within-hospital clustering.

**The mixed effects model used a random intercept for each hospital to account for hospital-level variation. It is adjusted for bronchiolitis admission burden category and covariates identified in the primary study's analysis (age combined with preterm birth, time since weaning from supplemental oxygen or flow, documented history of apnea or cyanosis during the present illness, presence of an enteral feeding tube, history of neurologic impairment, and nighttime observation).