

Table 3. Adjusted costs, length of stay, intensive care utilization, and readmissions for patients hospitalized for bronchiolitis who did or did not receive high flow nasal cannula (HFNC). Adjusted for patient’s sex, age, race, payer, H-RISK, route of admission, household income, and for hospital’s geographic region.

	No HFNC (95% CI)	HFNC (95% CI)	Odds/Mean Ratio (95% CI)	p-value
Standardized Cost (entire hospitalization)	\$3,540 (\$2,945,\$4,254)	\$5,546 (\$4,610,\$6,672)	1.57 (1.53,1.61)	<0.001
Laboratory	\$1 (\$1,\$3)	\$5 (\$2,\$11)	3.55 (3.00,4.21)	<0.001
Medication	\$6 (\$4,\$8)	\$12 (\$8,\$17)	2.09 (1.88,2.32)	<0.001
Imaging	\$0.18 (\$0.12,\$0.29)	\$0.37 (\$0.23,\$0.58)	2.00 (1.69,2.36)	<0.001
Supply	\$0.18 (\$0.05,\$0.60)	\$5.71 (\$1.65,\$19.77)	32.62 (28.56,37.26)	<0.001
Clinical	\$283 (\$232,\$346)	\$673 (\$549,\$826)	2.38 (2.27,2.49)	<0.001
Other (including room and board)	\$2,791 (\$2,320,\$3,356)	\$4,032 (\$3,349,\$4,854)	1.44 (1.41,1.48)	<0.001
Day 0 Cost (first calendar day of hospital stay)	\$1,671 (\$1,404,\$1,988)	\$2,083 (\$1,747,\$2,485)	1.25 (1.20,1.29)	<0.001
Daily Cost (per 24 hours)	\$2,750 (\$2,231,\$3,391)	\$3,017 (\$2,446,\$3,721)	1.10 (1.07,1.12)	<0.001
Laboratory	\$1 (\$1,\$2)	\$3 (\$1,\$6)	2.49 (2.10,2.94)	<0.001
Medication	\$4 (\$3,\$6)	\$6 (\$4,\$10)	1.47 (1.33,1.62)	<0.001
Imaging	\$0.14 (\$0.09,\$0.21)	\$0.20 (\$0.13,\$0.30)	1.40 (1.19,1.65)	<0.001
Supply	\$0.14 (\$0.04,\$0.47)	\$3.11 (\$0.89,\$10.86)	22.82 (20.00,26.05)	<0.001
Clinical	\$205 (\$166,\$253)	\$350 (\$282,\$433)	1.71 (1.63,1.78)	<0.001
Other (including room and board)	\$2,168 (\$1,764,\$2,665)	\$2,194 (\$1,784,\$2,698)	1.01 (0.99,1.03)	0.252
LOS (Hours)	31.2 (28.8,33.7)	44.5 (41.1,48.2)	1.43 (1.40,1.46)	<0.001
Any ICU	0.7% (0.3%,1.4%)	9.7% (4.8%,18.5%)	15.63 (13.06,18.71)	<0.001
All-cause Readmission				
3-day	1.0% (0.6%,1.7%)	0.5% (0.3%,0.9%)	0.49 (0.34,0.72)	<0.001
7-day	1.2% (0.7%,1.9%)	0.7% (0.4%,1.2%)	0.58 (0.42,0.80)	<0.001
14-day	1.6% (1.0%,2.5%)	1.5% (0.9%,2.3%)	0.91 (0.72,1.15)	0.433
Abbreviations: Confidence Interval (CI), Length of Stay (LOS), ICU (Intensive Care Unit)				