

Supplementary Online Content

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eTable 1. Outcomes for the Preplanned Nested Subanalyses for Patients With Bronchiolitis in any Diagnosis Position

eTable 2. The Number of Patients, Proportion of Patients and Cumulative Proportion of Patients for each of the 10 most Common APR-DRGs for Patients With Bronchiolitis in any Diagnosis Position

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Outcomes for the Preplanned Nested Subanalyses for Patients With Bronchiolitis in any Diagnosis Position. All outcomes were adjusted for age, sex, race, ethnicity and insurance status.

Outcomes	2010	2012	2014	2016	2018	2019	P value for trend
Bronchiolitis APR-DRG (%)							
Without CCC	81.9 (81.4-82.4)	83.6 (83.2-84.1)	80.2 (79.7-80.6)	74.6 (74.2-75.1)	69.7 (69.3-70.2)	63.3 (62.9-63.8)	<.001
Without CCC or MV	83.9 (83.5-84.5)	85.8 (85.4-86.2)	82.2 (81.8-82.7)	78.0 (77.5-78.4)	72.7 (72.2-73.1)	67.1 (66.6-67.6)	<.001
Without CCC, MV, or ICU	84.7 (84.3-85.2)	86.6 (86.1-87.0)	84.2 (83.7-84.6)	81.5 (81.0-82.0)	77.6 (77.2-78.1)	72.8 (72.4-73.3)	<.001
Respiratory Failure APR-DRG (%)							
Without CCC	1.1 (0.9-1.2)	1.2 (1.1-1.3)	3.3 (3.1-3.5)	9.3 (8.9-9.6)	15.2 (14.8-15.5)	22.4 (22.0-22.7)	<.001
Without CCC or MV	0.4 (0.3-0.5)	0.6 (0.5-0.7)	2.5 (2.3-2.7)	7.5 (7.2-7.8)	13.6 (13.3-14.0)	19.7 (19.3-20.1)	<.001
Without CCC, MV, or ICU	0.1 (0.1-0.1)	0.1 (0.1-0.2)	1.0 (0.9-1.1)	4.3 (4.1-4.6)	8.4 (8.1-8.7)	13.7 (13.4-14.1)	<.001
APR-DRG SOI, % (95% CI)							
Bronchiolitis APR-DRG SOI 1	43.7 (43.2-44.2)	42.9 (42.4-43.3)	33.8 (33.4-34.3)	36.6 (36.2-37.0)	29.6 (29.2-29.9)	27.7 (27.3-28.0)	<.001
Bronchiolitis APR-DRG SOI 2	28.6 (28.2-29.1)	30.1 (29.6-30.6)	31.7 (31.2-32.2)	22.2 (21.9-22.6)	19.0 (18.6-19.3)	16.7 (16.4-17.0)	<.001
Bronchiolitis APR-DRG SOI 3	4.9 (4.7-5.1)	6.0 (5.8-6.3)	8.7 (8.4-9.0)	9.0 (8.8-9.3)	15.2 (14.8-15.5)	13.8 (13.5-14.1)	<.001
Bronchiolitis APR-DRG SOI 4	1.0 (0.9-1.1)	0.9 (0.8-1.0)	1.2 (1.1-1.3)	1.5 (1.4-1.6)	1.7 (1.6-1.8)	1.3 (1.2-1.4)	<.001
Respiratory Failure APR-DRG SOI 1	0.0 (0.0-0.0)	0.0 (0.0-0.0)	0.0 (0.0-0.0)	0.0 (0.0-0.0)	0.0 (0.0-0.0)	0.0 (0.0-0.0)	.689
Respiratory Failure APR-DRG SOI 2	0.4 (0.3-0.5)	0.6 (0.5-0.7)	2.0 (1.9-2.1)	6.5 (6.3-6.6)	11.0 (10.8-11.1)	17.1 (16.9-17.2)	<.001

Respiratory Failure APR-DRG SOI 3	0.4 (0.3-0.5)	0.5 (0.4-0.5)	1.0 (0.9-1.1)	2.0 (1.9-2.1)	2.9 (2.7-3.0)	3.7 (3.5-3.8)	<.001
Respiratory Failure APR-DRG SOI 4	0.4 (0.3-0.4)	0.3 (0.2-0.3)	0.5 (0.4-0.5)	0.7 (0.6-0.8)	0.7 (0.6-0.8)	0.9 (0.8-0.9)	<.001
Other APR-DRG (%)	20.8 (20.3-21.2)	18.9 (18.4-19.3)	20.9 (20.5-21.3)	21.4 (21.0-21.8)	20.2 (19.9-20.6)	19.0 (18.7-19.4)	.528
Hospital Length of Stay, days (median)							
Without CCC	2.0	2.0	2.0	2.0	2.0	2.0	>.99
Without CCC or MV	2.0	2.0	2.0	2.0	2.0	2.0	>.99
Without CCC, MV, or ICU	2.0	2.0	2.0	2.0	2.0	2.0	>.99
ICU admission (%)							
Without CCC	10.0 (9.6-10.4)	12.9 (12.5-13.3)	14.4 (14.0-14.8)	18.9 (18.5-19.3)	22.5 (22.0-22.9)	24.1 (23.7-24.5)	<.001
Without CCC or MV	6.9 (6.5-7.2)	9.7 (9.4-10.1)	10.7 (10.3-11.1)	13.8 (13.4-14.2)	15.4 (15.1-15.8)	16.7 (16.3-17.1)	<.001
ICU Length of Stay, days (median)							
Without CCC	2.7 (2.6-2.8)	2.6 (2.5-2.7)	2.5 (2.4-2.6)	2.5 (2.4-2.5)	2.3 (2.2-2.3)	2.2 (2.2-2.3)	<.001
Without CCC or MV	2.0	2.0	2.0	2.0	2.0	2.0	>.99
Mechanical Ventilation (%)							
Invasive							
Without CCC	2.6 (2.4-2.8)	2.5 (2.4-2.7)	2.3 (2.2-2.5)	2.7 (2.5-2.9)	2.6 (2.4-2.7)	2.3 (2.1-2.4)	.916
Non-Invasive							
Without CCC	1.2 (1.1-1.4)	2.0 (1.8-2.2)	3.3 (3.1-3.5)	5.5 (5.2-5.7)	8.1 (7.9-8.4)	9.1 (8.8-9.4)	<.001
Mortality (%)							
Without CCC	0.0 (0.0-0.0)	0.0 (0.0-0.0)	0.0 (0.0-0.0)	0.0 (0.0-0.0)	0.0 (0.0-0.0)	0.0 (0.0-0.0)	.564
Without CCC or MV	0.0 (0.0-0.0)	0.0 (0.0-0.0)	0.0 (0.0-0.0)	0.0 (0.0-0.0)	0.0 (0.0-0.0)	0.0 (0.0-0.0)	.558
Without CCC, MV, or ICU	0.0 (0.0-0.0)	0.0 (0.0-0.0)	0.0 (0.0-0.0)	0.0 (0.0-0.0)	0.0 (0.0-0.0)	0.0 (0.0-0.0)	.461

eTable 2. The Number of Patients, Proportion of Patients and Cumulative Proportion of Patients for each of the 10 most Common APR-DRGs for Patients With Bronchiolitis in any Diagnosis Position

APR-DRG	APR-DRG Description	Number of Patients	Proportion of Patients	Cumulative Proportion of Patients
138	Bronchiolitis and RSV pneumonia	274,138	71.04	71.04
133	Respiratory Failure	33,749	8.75	79.79
139	Other Pneumonia	15,487	4.01	83.8
132	BPD & other chronic respiratory diseases arising in perinatal period	8,546	2.21	86.02
130	Respiratory system diagnosis with ventilator support 96+ hours	7,734	2	88.02
141	Asthma	6,551	1.7	89.72
113	Infections of upper respiratory tract	4,011	1.04	90.76
422	Hypovolemia & related electrolyte disorders	3,400	0.88	91.64
144	Respiratory signs, symptoms & minor diagnoses	3,298	0.85	92.49
724	Other infectious & parasitic diseases	3,212	0.83	93.33