

**SDC 1: Incidence of RSVH infants requiring supplemental oxygen, admission to ICU, and mechanical ventilation**

	<b>PICNIC</b>	<b>FLIP 2</b>	<b>RISK</b>	<b>REPORT</b>	<b>IBC</b>	<b>PREMI</b>	<b>PONI</b>	<b>P-value<sup>a</sup></b>	<b>Pooled database analysis</b>
Age at RSVH (weeks)	7.6 (4.9)	8.2 (4.4)	7.1 (8.0)	11.0 (6.7)	8.0 (5.9)	9.0 (6.5)	9.7 <sup>b</sup> (7.1)	0.057 (NS)	8.4 (5.7)
Supplemental oxygen (%)	N/A	74.4	N/A	32.0	75.0	88.2	79.3	0.161 (NS)	70.4
Duration of supplemental oxygen (days)	N/A	4.0 (5.0)	N/A	N/A	4.6 (5.4)	4.0 (5.0)	5.0 (4.0)	0.948 (NS)	4.9 (5.0)
Admission to ICU (%)	N/A	18.6	15.4	16.0	25.0	35.3	41.4	0.146 (NS)	22.2
ICU LOS (days)	N/A	5.0 (11.0)	N/A	3.5 (5.0)	7.0 (8.0)	7.0 (3.0)	6.0 (7.0)	0.759 (NS)	8.3 (7.5)

Mechanical ventilation (%)	6.5	9.3	15.4	12.0	0.0 <sup>c</sup>	35.3	20.7	0.057 (NS)	12.7
Duration of mechanical ventilation (days)	3.0 (3.0)	8.0 (12.0)	7.0 (4.0)	N/A	N/A	5.0 (3.0)	4.5 (4.0)	0.369 (NS)	4.8 (5.5)
Hospital LOS (days)	N/A	7.0 (6.0)	6.0 (5.5)	3.0 (2.0)	N/A	8.0 (5.0)	9.0 (6.0)	0.005	5.7 (6.0)

ICU: intensive care unit; IQR: interquartile range; LOS: length of stay; N/A: no data available; NS: not significant; RSVH: respiratory syncytial virus hospitalization

Age at RSVH, ICU/hospital LOS, and duration data are expressed as median (IQR)

<sup>a</sup> Comparison across individual studies. For weeks/duration, one-way ANOVA; for percentages, Chi-squared test

<sup>b</sup> PONI has an approximate age at hospitalization (weeks). Day of birth was not recorded; age at hospitalization was calculated from date of hospitalization - the 1<sup>st</sup> day of the month of birth

<sup>c</sup> No infants were reported as requiring mechanical ventilation in this study

