

**Table 1.** Study population characteristics

	<b>Variable</b>	<b>n (%)</b> <b>149 (100)</b>	<b>Median<sup>a</sup> or</b> <b>Mean<sup>b</sup></b>
<b>Infant</b>	Male sex	94 (63.1)	
	Gestational age (weeks)		26 (3) <sup>a</sup>
	Birth weight (grams)		779 (331) <sup>a</sup>
	Small for gestational age*	13 (8.7%)	
	Oxygen required at delivery	136 (91.3)	
	Surfactant	130 (87.2)	
	High frequency oscillation ventilation	79 (53)	
	Post-natal steroids	58 (38.9)	
	Nitric oxide	17 (11.4)	
	Surgical PDA ligation	7 (4.7)	
	Nosocomial infection	54 (36.2)	
	Necrotizing enterocolitis	22 (14.8)	
	Invasive ventilation (days)		17.9 (29.4) <sup>a</sup>
	Non-invasive ventilation** (days)		51.7 (20.6) <sup>b</sup>
	Total respiratory support*** (days)		73.3 (28.6) <sup>b</sup>
	pCO <sub>2</sub> at term CGA (mmHg)		53.9 (7.1) <sup>b</sup>
	Moderate hypercapnia (pCO <sub>2</sub> 55-65 mmHg)	46 (30.9)	
	Severe hypercapnia (pCO <sub>2</sub> > 65 mmHg)	9 (6)	
	Length of stay (days)		113.6 (31.1) <sup>b</sup>
	CGA at discharge (weeks)		42 (4.5) <sup>a</sup>
<b>Maternal</b>	NGT feeding at discharge	5 (3.4)	
	Antenatal steroids	127 (85.2)	
	Antepartum hemorrhage	21 (14.1)	
	Placental abruption	5 (3.4)	
	Placenta previa	3 (2)	
	Preterm labour	107 (71.8)	
	Premature rupture of membranes	60 (40.3)	
	Caesarean section	84 (56.4)	
<b>Home O<sub>2</sub></b>	Birth at tertiary NICU	125 (83.9)	
	Discharge O <sub>2</sub> flow rate (mL/min)		250 (300) <sup>a</sup>
	Discharge O <sub>2</sub> ≤ 125 mL/min	29 (19.5)	
	Discharge O <sub>2</sub> 126 to 250 mL/min	76 (51)	
	Discharge O <sub>2</sub> 251 to 500 mL/min	42 (28.2)	
	Discharge O <sub>2</sub> > 500 mL/min	2 (1.3)	
	Ceased by 12 months CGA	130 (87.2)	
	Ceased by 9 months CGA	108 (72.5)	
	Ceased by 6 months CGA	58 (38.9)	
	Ceased by 3 months CGA	10 (6.7)	
	CGA at O <sub>2</sub> cessation (months)		6.8 (4.4) <sup>a</sup>

Abbreviations: CGA, corrected gestational age; NGT, nasogastric tube; NICU, neonatal intensive care unit; O<sub>2</sub>, oxygen; pCO<sub>2</sub>, partial pressure of carbon dioxide; PDA, patent ductus arteriosus.

<sup>a</sup> Continuous variable expressed as median (interquartile range).

<sup>b</sup> Continuous variable expressed as mean (standard deviation).

\* Small for gestational age is birth weight < 10<sup>th</sup> percentile using the Fenton 2013 preterm growth chart

\*\* Includes high-flow nasal cannula oxygen.

\*\*\* Excludes time on low flow oxygen ( $\leq 2\text{L/min}$ ) with nasal prongs.