

**Supplemental Table B-** Lung Diffusing capacity in two cohorts of extremely preterm and term-born subjects born 1991–1992 and 1982–1985, stratified by grade of BPD severity (n = 160\*).

Examination	1991–1992 cohort								1982–1985 cohort							
	First follow-up				Second follow-up				First follow-up				Second follow-up			
	10.6 (0.4) years				17.8 (0.4) years				17.7 (1.2) years				24.9 (1.2) years			
Age, mean (SD)	Mean	95% CI			Mean	95% CI			Mean	95% CI			Mean	95% CI		
<b>Z-DL<sub>co</sub></b>																
Term-born	-0.3	-0.6	to	0.0	0.2	-0.1	to	0.6	-0.3	-0.6	to	-0.0	0.0	-0.2	to	0.3
EP non/mild BPD	-1.4	-1.8	to	-1.0	-0.7	-1.1	to	-0.3	-0.8	-1.2	to	-0.5	-0.6	-1.0	to	-0.3
EP mod/sev BPD	-0.7	-1.2	to	-0.2	-0.4	-1.0	to	0.1	-0.9	-1.4	to	-0.3	-0.2	-0.8	to	0.4
<b>Z-V<sub>A</sub></b>																
Term-born	-0.4	-0.7	to	-0.1	0.1	-0.2	to	0.4	0.1	-0.2	to	0.4	-0.0	-0.3	to	0.2
EP non/mild BPD	-0.8	-1.2	to	-0.4	-0.5	-0.9	to	-0.1	0.1	-0.2	to	0.4	0.0	-0.3	to	0.3
EP mod/sev BPD	-0.6	-1.1	to	-0.1	0.1	-0.5	to	0.6	-0.1	-0.6	to	0.4	-0.0	-0.5	to	0.5
<b>Z-K<sub>co</sub></b>																
Term-born	0.0	-0.3	to	0.3	0.1	-0.3	to	0.5	-0.4	-0.7	to	-0.1	0.1	-0.2	to	0.4
EP non/mild BPD	-0.8	-1.2	to	-0.3	-0.4	-0.8	to	0.1	-1.0	-1.3	to	-0.6	-0.6	-1.0	to	-0.3
EP mod/sev BPD	-0.3	-0.9	to	0.3	-0.5	-1.1	to	0.1	-0.8	-1.4	to	-0.2	-0.3	-0.9	to	0.3
<b>D<sub>M</sub></b>																
Term-born	9.7	8.3	to	11.2	15.1	13.5	to	16.7	17.0	15.7	to	18.2	17.0	15.6	to	18.3
EP non/mild BPD	7.7	5.8	to	9.5	12.4	10.5	to	14.3	15.5	13.9	to	17.1	15.5	13.9	to	17.1
EP mod/sev BPD	7.2	4.7	to	9.7	14.8	12.2	to	17.4	14.7	12.2	to	17.2	15.2	12.6	to	17.8
<b>V<sub>c</sub></b>																
Term-born	52.5	45.6	to	59.3	86.8	78.8	to	94.8	79.4	73.5	to	85.4	93.0	86.4	to	99.6
EP non/mild BPD	48.5	39.5	to	57.5	78.8	69.6	to	88.0	71.2	63.4	to	79.0	90.1	82.4	to	97.9
EP mod/sev BPD	58.2	46.0	to	70.3	90.4	77.7	to	103.1	75.6	63.4	to	87.8	97.5	84.7	to	110.2

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Abbreviations: SD: standard deviation; CI: confidence interval; DL<sub>CO</sub>: Diffusing capacity of the lung for carbon monoxide; V<sub>A</sub>: Alveolar volume; K<sub>CO</sub>: Transfer coefficient of the lung for carbon monoxide; D<sub>M</sub>: Alveolar-capillary membrane conductance; V<sub>C</sub>: Pulmonary-capillary blood volume.

The numbers are estimated group means with 95% confidence interval from longitudinal mixed-effects models. The values for DL<sub>CO</sub>, V<sub>A</sub>, and K<sub>CO</sub> are reported as Z-scores, while values for D<sub>M</sub> and V<sub>C</sub> are absolute numbers. D<sub>M</sub>= mmol/min/kPa, V<sub>C</sub>= ml.

\* The number of subjects included in at least one regression model. The number of cases and controls for each variable and at each time point is shown in Figure 1 in the main paper.