

Table 3E: Height and weight from 10 to 25 years of age for 83 subjects born extremely preterm (EP) with and without neonatal bronchopulmonary dysplasia (BPD) and 81 control subjects born at term,

Males *

		1991-92 cohort			1982-85 cohort		
		Development from childhood to adolescence			Development from adolescence to adulthood		
Examination		First	Second	Difference Δ	First	Second	Difference Δ
Age (years); mean (SD)		10.5 (0.4)	17.8 (0.4)	7.3 (0.4)	17.7 (1.2)	24.9 (1.2)	7.2 (0.4)
Height; cm; mean (95% CI)	Control	145.7 (142.0, 149.3)	179.1 (174.8, 183.3)	33.4 (30.0, 36.8)	176.9 (174.4, 179.3)	177.5 (175.0, 179.9)	0.6 (-0.3, 1.5)
	EP non BPD	132.6 (123.2, 141.9)	168.3 (158.6, 177.9)	35.7 (28.6, 42.8)	180.3 (175.3, 185.3)	180.4 (175.5, 185.3)	0.2 (-1.7, 2.0)
	EP mild BPD	141.3 (134.7, 147.9)	175.7 (168.9, 182.5)	34.4 (29.4, 39.4)	173.4 (170.0, 176.7)	173.7 (170.4, 177.1)	0.4 (-0.8, 1.5)
	EP m/s BPD	139.5 (134.5, 144.5)	175.2 (170.1, 180.4)	35.7 (31.9, 39.4)	172.0 (167.6, 176.3)	173.0 (168.7, 177.3)	1.0 (-0.6, 2.7)
Weight; kg; mean (95% CI)	Control	37.8 (34.4, 43.2)	74.5 (64.8, 84.3)	36.7 (28.5, 44.9)	67.9 (63.2, 72.6)	76.6 (71.6, 81.7)	8.7 (4.2, 13.3)
	EP non BPD	30.9 (17.1, 44.6)	68.7 (47.3, 90.1)	37.9 (21.5, 54.2)	80.5 (70.2, 90.7)	93.1 (83.3, 102.9)	12.6 (3.3, 21.9)
	EP mild BPD	42.2 (32.5, 52.0)	83.3 (68.1, 98.4)	41.1 (29.5, 52.6)	62.4 (55.8, 68.9)	78.3 (71.7, 85.0)	15.9 (10.0, 21.8)
	EP m/s BPD	31.2 (23.8, 38.5)	67.6 (56.2, 79.1)	36.5 (27.7, 45.2)	60.0 (51.3, 68.7)	69.5 (60.7, 78.4)	9.5 (1.2, 17.9)

Females *

		1991-92 cohort Development from childhood to adolescence			1982-85 cohort Development from adolescence to adulthood		
Examination		First	Second	Difference Δ	First	Second	Difference Δ
Age (years); mean (SD)		10.5 (0.4)	17.8 (0.4)	7.3 (0.4)	17.7 (1.2)	24.9 (1.2)	7.2 (0.4)
Height; cm; mean (95% CI)	Control	144.2 (140.9, 147.5)	165.9 (163.0, 168.8)	21.7 (19.7, 23.7)	168.2 (165.7, 170.7)	168.2 (165.7, 170.7)	0.01 (-0.4, 0.4)
	EP non BPD	142.6 (136.7, 148.5)	162.3 (156.9, 167.7)	19.7 (15.9, 23.6)	163.8 (158.7, 169.0)	164.0 (158.8, 169.2)	0.2 (-0.5, 0.9)
	EP mild BPD	138.9 (134.0, 143.9)	163.1 (158.7, 167.5)	24.2 (21.1, 27.3)	162.9 (159.4, 166.4)	162.5 (159.0, 166.0)	-0.4 (-0.9, 0.1)
	EP m/s BPD	141.6 (134.7, 148.6)	163.3 (157.2, 169.3)	21.6 (17.6, 25.6)	163.1 (158.0, 168.3)	163.6 (158.4, 168.8)	0.5 (-0.2, 1.2)
Weight; kg; mean (95% CI)	Control	38.5 (34.2, 42.8)	64.8 (56.1, 73.4)	26.2 (20.8, 31.6)	66.6 (60.1, 73.2)	72.0 (63.6, 80.4)	5.4 (1.9, 8.9)
	EP non BPD	40.1 (32.5, 47.7)	76.3 (60.5, 92.1)	36.2 (25.9, 46.5)	63.9 (50.5, 77.2)	74.4 (57.4, 91.4)	10.6 (3.9, 17.3)
	EP mild BPD	32.5 (26.1, 38.9)	61.7 (48.6, 74.7)	29.2 (20.9, 37.5)	60.6 (51.5, 69.7)	62.0 (50.4, 73.6)	1.4 (-3.4, 6.5)
	EP m/s BPD	34.6 (25.6, 43.6)	62.4 (44.4, 80.4)	27.8 (16.8, 38.8)	56.4 (43.1, 69.8)	65.2 (48.2, 82.2)	8.7 (2.0, 15.4)

*Figures are group mean values with 95% confidence intervals (CI) or group mean differences with 95% CI, except for age (mean value with standard deviations). Δ denotes mean increase in age, height and weight from first to second examination. Abbreviations: EP = subjects born extreme preterm, i.e. with a gestational age ≤ 28 weeks or a birth weight ≤ 1000 gram, BPD = bronchopulmonary dysplasia, mild BPD = oxygen supplement at 28 postnatal days, m/s BPD = moderate/severe BPD, i.e. oxygen supplement at gestational age 36 weeks.