

Appendix

Supplementary table 1. Perinatal and social characteristics of the EP children assessed at 8 years of age compared to those lost for follow-up

Characteristics	Assessed at 8 years N=499	Not assessed at 8 years N=47
Perinatal variables		
Antenatal corticosteroids	400 (80 %)	39 (83%)
Multiple birth	133 (27%)	7 (15%)
GA - weeks at birth, mean (SD)	25.7 (1.1)	26.1 (1.2)
Birth weight, mean gr (SD)	862 (182)	897 (206)
Male	255 (51%)	26 (55%)
Indomethacin for PDA	256 (57%)	22 (47)
Postnatal corticosteroids	182 (37%)	18 (38%)
Surfactant	335 (67%)	37 (79%)
Bronchopulmonary dysplasia	242 (49%)	24 (51%)
NEC	39 (8%)	4 (9%)
Cystic PVL	24 (5%)	3 (6%)
Surgery in newborn period	149 (30%)	13 (28%)
Grade of IVH#		
No IVH	331 (66%)	27 (57%)
1	80 (16%)	14 (30%)
2	53 (11%)	3 (6%)
3	23 (5%)	0 (0%)
4	12 (2%)	3 (6%)
Social variables		
Mothers age at birth, mean (SD)	29.6 (5,8)	27.7 (5.8)

IVH intraventricular haemorrhage, GA gestational age, SD standard deviation, PDA patent ductus arteriosus, NEC necrotising enterocolitis, PVL periventricular leukomalacia.
Data are n (%), unless otherwise specified, # According to Papile⁸

Supplementary Table 2. Mean z-scores for IQ, executive functioning and academic skills by grade of intraventricular haemorrhage

Outcome	Grade of Intraventricular Haemorrhage#					<i>p-value*</i>
	No IVH N= 331	1 N= 80	2 N= 53	3 N= 23	4 N= 12	
Intellectual ability						
IQ	-0.67 (1.15)	-0.72 (1.28)	-0.66 (1.15)	-1.40 (1.32)	-1.87 (1.37)	0.001
Executive functioning†						
Global Executive Composite	0.33 (1.11)	0.47 (1.18)	0.36 (1.21)	0.44 (1.33)	0.78 (1.01)	0.66
Behavioural Regulation Index	0.22 (1.16)	0.23 (1.14)	0.19 (1.24)	0.30 (1.19)	0.80 (0.78)	0.60
Metacognition Index	0.37 (1.09)	0.54 (1.19)	0.43 (1.18)	0.48 (1.42)	0.70 (1.13)	0.69
Academic skills						
Reading	-0.57 (1.06)	-0.32 (1.27)	-0.62 (1.10)	-0.66 (1.28)	-1.93 (1.21)	<0.001
Spelling	-0.54 (1.00)	-0.37 (1.07)	-0.50 (0.90)	-0.61 (1.38)	-1.98 (1.21)	<0.001
Arithmetic	-0.65 (1.08)	-0.45 (1.20)	-0.69 (1.08)	-1.01 (1.19)	-1.95 (1.21)	0.001

Data are mean (standard deviation); # According to Papile⁸, *from ANOVA, †higher score indicates worse functioning
IQ=intelligence quotient