

Supplemental Online Content

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eTable. Association between labor and delivery epidural analgesia use and risk of autism spectrum disorder in cohorts of uncomplicated deliveries and children with follow-up to at least age 6 years

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eTable. Association between labor and delivery epidural analgesia use and risk of autism spectrum disorder in cohorts of uncomplicated deliveries and children with follow-up to at least age 6 years

Cohort type	Epidural analgesia during labor and delivery		Absolute risk difference, % (95% CI)	Unadjusted hazard ratio (95% CI)	Adjusted HR (95%CI) ^a		
	Exposed	Not exposed			Model 1 ^b	Model 2 ^c	Model 3 ^d
Total N	91 076	231 871	322 947	322 947	299 044	299 038	299 033
Uncomplicated deliveries ^e	1307 (1.44)	2717 (1.17)	0.26 (0.17, 0.35)	1.32 (1.24, 1.41)	1.31 (1.21, 1.40)	1.12 (1.13, 1.21)	1.11 (1.03, 1.19)
Total N	74 679	200 390	275 069	275 069	252 536	252 527	252 520
Children who reached age 6 years by end of follow-up ^f	1381 (1.85)	3069 (1.53)	0.32 (0.21, 0.43)	1.24 (1.16, 1.32)	1.23 (1.15, 1.31)	1.05 (0.98, 1.13)	1.03 (0.96, 1.11)

^a Missing data for body mass index were imputed using multiple imputation. The missing data for other variables were not imputed and were assumed missing at random.

^b Adjusted for year of birth, maternal and co-parent age, neighborhood income quintile, and community size.

^c Adjusted for items in model 1 plus gestational diabetes, preexisting diabetes, pregnancy-induced hypertension, other hypertension, parity, smoking during pregnancy, and body mass index.

^d Adjusted for items in models 1 and 2 plus induction of labor, gestational age, sex, small or large for gestational age, and congenital anomaly.

^e Excludes infants born with a congenital anomaly, small for gestational age, large for gestational age, had an Apgar less than 7 at 5 minutes, or were admitted to the NICU. Adjusted hazard ratio three adjusts for items in model 1 and 2 plus induction of labour, gestational age, and sex.

^f Median (IQR) follow-up time in years was 11.0 (8.4, 13.9).