

Supplementary Online Content

Sun Y, Christensen J, Hviid A, Li J, Vedsted P, Olsen J, Vestergaard M. Risk of febrile seizures and epilepsy after vaccination with diphtheria, tetanus, acellular pertussis, inactivated poliovirus, and *Haemophilus influenzae* type b. *JAMA*. 2012;307(8):823-831.

eTable. Hazard ratio (HR) of recurrent febrile seizure and epilepsy among children diagnosed with their first febrile seizure within 0-7 days after DTaP-IPV-Hib a vaccination

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable. Hazard ratio (HR) of recurrent febrile seizure and epilepsy among children diagnosed with their first febrile seizure within 0-7 days after DTaP-IPV-Hib a vaccination

Children with their first febrile seizure	Population	Person-time (days)	Risk of recurrent febrile seizure				Risk of epilepsy				
			Children with recurrent febrile seizure	IR ^b	Crude HR	Adjusted ^c HR	Person-time (days)	Children with epilepsy	IR ^b	Crude HR	Adjusted ^c HR
Not occur within 0-7 days of vaccination	7,561	6,044,722	2,207	133.3	Ref	Ref	7,952,970	208	9.5	Ref	Ref
Occur within 0-7 days of vaccination											
Any vaccination	250	187,861	80	155.4	1.11	1.09 (0.86-1.38)	246,413	8	11.9	1.20	0.61 (0.27-1.40)
First vaccination	17	14,804	4	98.6	0.73	1.46 (0.40-5.40)	16,520	2	44.2	4.48	0.59 (0.10-3.54)
Second vaccination	32	22,148	11	181.3	1.25	1.00 (0.51-1.98)	27,325	3	40.1	3.84	0.48 (0.12-1.96)
Third vaccination	201	150,909	65	157.2	1.12	1.10 (0.85-1.42)	202,568	3	5.4	0.55	0.80 (0.24-2.60)

^a DTaP-IPV-Hib refers to Diphtheria-tetanus-acellular pertussis-inactivated poliovirus-Haemophilus influenza type vaccine.

^b Incidence rate per 1000 person years.

^c Adjusted for onset age of the first febrile seizure, the child's sex, multiple birth (singletons, multiple birth), calendar year of birth (one-year interval), seasons of birth (winter: Dec-Feb, spring: Mar-May, summer: Jun-Aug, autumn: Sep-Nov), gestational age (<37, 37-41, 41+ weeks), birth weight (<2,500, 2,500-2,999, 3,000-3,499, 3,500-3,999, 4,000+ grams), parity of the mother (1, 2+), parental history of epilepsy (no, yes), maternal education (<=9 years, 10-12 years, >=13 years, missing), and family income at the time of birth (quartiles, plus a group of children with a missing value on the income of one of the parents).