

Appendix

Supplementary Table

Reported maternal fever, fever severity, and average daily folic acid intake during the periconceptual period* and risk for neural tube defects after excluding (1) 231 women with pre-existing diabetes, family history of neural tube defect, or periconceptual exposure to antiepileptic drugs, (2) 91 nonisolated cases, and (3) 111 cases with anencephaly or encephalocele, Birth Defects Study, 1998–2015.

Characteristic	Without pre-existing diabetes, family history of neural tube defect, or periconceptual exposure to antiepileptic drugs		Isolated cases only		Spina bifida	
	# Cases/# controls	Adjusted OR* (95% CI)	# Cases/# controls	Adjusted OR* (95% CI)	# Cases/# controls	Adjusted OR† (95% CI)
Periconceptual fever						
Any fever	18/146	2.5 (1.5–4.3)	16/154	2.7 (1.6–4.7)	16/154	2.8 (1.6–4.8)
Severity						
Temperature						
≥101°F	6/58	2.5 (1.0–5.9)	5/62	2.4 (0.9–6.2)	5/62	2.4 (0.9–6.2)
<101°F	8/58	3.2 (1.5–7.0)	7/62	3.4 (1.5–7.6)	7/62	3.4 (1.5–7.8)
Undocumented	4/30		4/30		4/30	
No fever during pregnancy	329/7898	Reference	268/8093	Reference	264/8093	Reference
By folic acid status						
<400 µg						
Fever during periconceptual period	11/62	3.4 (1.7–6.6)	11/63	4.2 (2.1–8.3)	10/63	4.0 (1.9–8.0)
No fever during pregnancy	172/3650	Reference	134/3731	Reference	137/3731	Reference
Total	183/3712	—	145/3794	—	147/3794	—
≥400 µg						
Fever during periconceptual period	7/82	2.0 (0.9–4.6)	5/89	1.6 (0.6–4.1)	6/89	2.1 (0.9–5.0)
No fever during pregnancy	143/4046	Reference	125/4158	Reference	115/4158	Reference
Total	150/4128	—	130/4247	—	121/4247	—

* Defined as the 28 days before to the 28 days after last menstrual period.

† Adjusted for Study Center.