

## Supplementary Appendix

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

Supplement to: Matok I, Gorodischer R, Koren G, Sheiner E, Wiznitzer A, Levy A. The safety of metoclopramide use in the first trimester of pregnancy. *N Engl J Med* 2009;360:2528-35.

Web Table 1: Rates and the Risk of Subclasses of Major Congenital Malformations in Infants of Intrauterine Exposed Compared to Unexposed to Metoclopramide During the First Trimester\*.

Subclasses of Major Congenital Malformations (ICD-9 Code)	Exposure to Metoclopramide		Crude Odds Ratio (95% Confidence Interval)	Adjusted Odds Ratio** (95% Confidence Interval)
	Yes (%) (n=182)	No (%) (n=3,834)		
Anencephaly (740)	3 (0.10)	8 (0.01)	***	***
Spina bifida (741)	2 (0.1)	46 (0.1)	***	***
Other anomaly of the nervous system (742)	24 (0.7)	439 (0.6)	1.24 (0.82 – 1.87)	1.15 (0.76 – 1.74)
Anomalies of the eye (743)	5 (0.1)	72 (0.1)	1.57 (0.64 – 3.89)	1.44 (0.58 – 3.58)
Anomalies of the ear, face, and neck (744)	0 (0.0)	5 (0.01)	***	***
Bulbus cordis anomalies and anomalies of cardiac septal closure (745)	47 (1.4)	909 (1.2)	1.17 (0.87 – 1.58)	1.13 (0.84 – 1.52)
Other anomalies of the heart (746)	19 (0.5)	530 (0.7)	0.81 (0.51 – 1.28)	0.77 (0.49 – 1.23)
Other anomalies of the circulatory system (747)	12 (0.3)	213 (0.3)	1.28 (0.71 – 2.28)	1.21 (0.68 – 2.18)
Anomalies of the respiratory system (748)	13 (0.4)	223 (0.3)	1.32 (0.75 – 2.31)	1.26 (0.72 – 2.20)
Cleft palate and lip (749)	4 (0.1)	104 (0.1)	***	***
Other anomalies of the upper alimentary tract (750)	3 (0.1)	94 (0.1)	***	***
Other anomalies of the digestive system (751)	8 (0.2)	214 (0.3)	0.85 (0.42 – 1.71)	0.81 (0.40 – 1.64)
Genital anomalies (752)	12 (0.3)	321 (0.4)	0.85 (0.48 -1.51)	0.83 (0.47 – 1.48)
Anomalies of the urinary system (753)	10 (0.3)	272 (0.3)	0.83 (0.44 – 1.56)	0.79 (0.42 – 1.49)
Musculoskeletal deformities (754)	35 (1.0)	604 (0.8)	1.31 (0.93 – 1.85)	1.26 (0.89 – 1.78)
Other anomalies of the limbs (755)	4 (0.1)	107 (0.1)	***	***
Other musculoskeletal anomalies (756)	17 (0.5)	468 (0.6)	0.82 (0.51 – 1.33)	0.79 (0.49 – 1.29)
Anomaly of the integument (757)	0 (0.0)	6 (0.01)	***	***

\* The number of total malformation is not equal to the total number of infants with malformations since there are infants born with more than one congenital malformation.

\*\*The models were controlled for maternal age, ethnicity, maternal diabetes, maternal smoking and parity.

\*\*\* To minimize statistical instability, we did not estimate risks if fewer than five infants were exposed to metoclopramide.