

## Supplementary Online Content

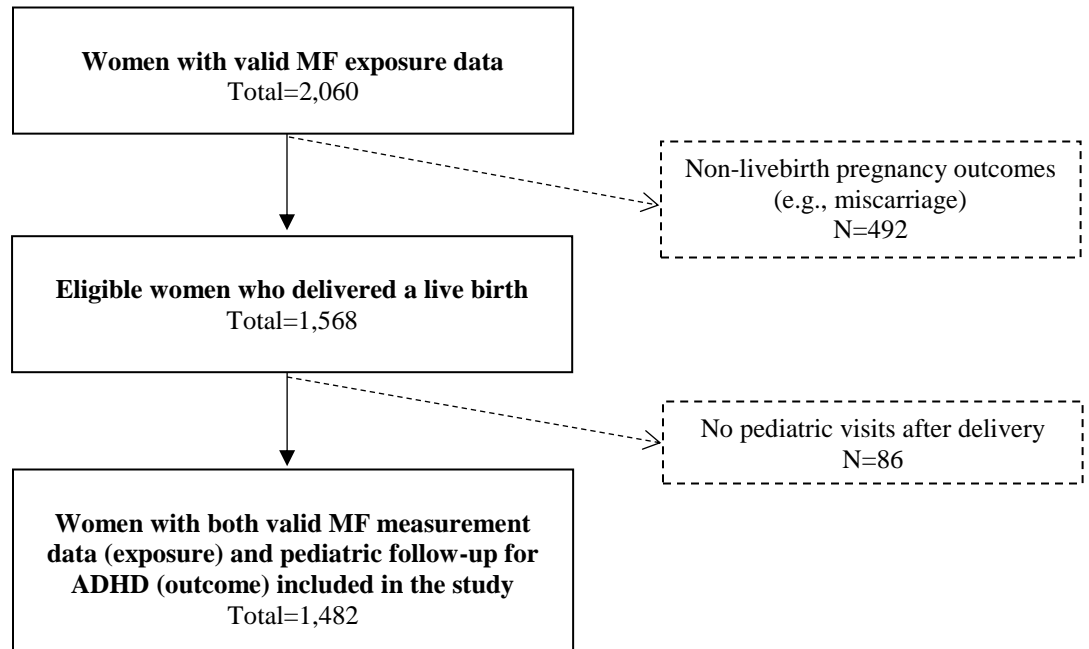
Li D-K, Chen H, Ferber JR, Hirst AK, Odouli R. Association between maternal exposure to magnetic field nonionizing radiation during pregnancy and risk of attention-deficit/hyperactivity disorder in offspring in a longitudinal birth cohort. *JAMA Netw Open*. 2020;3(3):e201417. doi:10.1001/jamanetworkopen.2020.1417

**eFigure.** Flow Chart for the Study Population

**eTable.** Maternal Exposure to MF Nonionizing Radiation During Pregnancy and Risk of ADHD Stratified by the Presence or Absence of Immune-Related Comorbidity

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

**eFigure.** Flow Chart for the Study Population



**eTable.** Maternal Exposure to MF Nonionizing Radiation During Pregnancy and Risk of ADHD  
Stratified by the Presence or Absence of Immune-Related Comorbidity<sup>a</sup>

<b>MF at 90<sup>th</sup> Percentile</b>	<b>Yes (%)</b>	<b>No (%)</b>	<b>aHR<sup>c</sup> (95% CI)<sup>d, f</sup></b>
<b>All ADHD<sup>b</sup></b>			
<b>Presence of Immune-related comorbidity</b>			
Low <sup>e</sup> (N=252)	4 (1.6%)	248 (98.4%)	1 [Reference]
High <sup>e</sup> (N=425)	35 (8.2%)	390 (91.8%)	<b>4.21 (1.47, 12.03)</b>
<b>Absence of Immune-related comorbidity</b>			
Low <sup>e</sup> (N=320)	8 (2.5%)	312 (97.5%)	1 [Reference]
High <sup>e</sup> (N=457)	14 (3.1%)	443 (96.9%)	1.00 (0.41, 2.45)
<b>Persistent ADHD<sup>c</sup></b>			
<b>Presence of Immune-related comorbidity</b>			
Low <sup>e</sup> (N=250)	2 (0.8%)	248 (99.2%)	1 [Reference]
High <sup>e</sup> (N=422)	32 (7.6%)	390 (92.4%)	<b>8.11 (1.91, 34.38)</b>
<b>Absence of Immune-related comorbidity</b>			
Low <sup>e</sup> (N=316)	4 (1.3%)	312 (98.7%)	1 [Reference]
High <sup>e</sup> (N=454)	11 (2.4%)	443 (97.6%)	1.42 (0.44, 4.61)

Abbreviations: ADHD, attention-deficit/hyperactivity disorder; aHR, adjusted hazard ratio; MF, magnetic field.

<sup>a</sup> Asthma or Atopic Dermatitis

<sup>b</sup> Case Definition of ADHD is defined as those who had 2 ADHD diagnoses at least one year apart.

<sup>c</sup> Defined as those who continued to have ADHD diagnoses at age 12 or older.

<sup>d</sup> Adjusted for maternal age, race/ethnicity, educational level, prenatal smoking and alcohol use, pre-pregnancy body mass index and sex of offspring.

<sup>e</sup> Low is defined as <1.3 mG. High is defined as ≥1.3 mG

<sup>f</sup> The p-value for the interactions: 0.04 for all ADHD, and 0.08 for persistent ADHD, respectively.