

Supplemental Online Content:

Supplement to: ***Prenatal Exposure to General Anesthesia and Childhood Behavioral Deficit***

Supplemental Figure 1. Questions from 18 week gestational age questionnaire

Supplemental Figure 2. Questions from 34 week gestational age questionnaire

Supplemental Methods

Supplemental Table 1. Mean neuropsychological test scores in children with prenatal exposure to general anesthesia compared to unexposed children

Supplemental Table 2. Post-natal healthcare utilization in prenatally exposed and unexposed children

Supplemental Table 3. Mean neuropsychological test scores in prenatally exposed children stratified by trimester of exposure

Supplemental Table 4. Mean neuropsychological test scores in children prenatally exposed to anesthesia during pregnancy based on maternally reported exposure to general anesthesia during pregnancy compared to unexposed children

Supplemental Table 5. Potential mediators

References:

1. Valeri L, Vanderweele TJ. Mediation analysis allowing for exposure-mediator interactions and causal interpretation: theoretical assumptions and implementation with SAS and SPSS macros. *Psychol Methods* 2013;18:137-50.