

Appendix

Supplementary Table 1

Least squares means for the association between *in utero* tobacco smoke exposure and MetS components in male and female adolescents [mean (95% CI)]

Cardiometabolic outcomes	Females		Males		Significance of interaction by sex
	Mom nonsmoker	Mom smoker	Mom nonsmoker	Mom smoker	
Model 1 [†]					
BMI (percentile)	64.0 (62.5, 65.5)*	70.1 (66.7, 73.4)	63.6 (62.1, 65.1)*	72.6 (69.4, 75.8)	<i>P</i> = .27
WC (percentile)	78.0 (77.4, 78.7)*	81.0 (79.3, 82.8)	78.0 (77.4, 78.7)*	81.1 (79.5, 82.8)	<i>P</i> = .93
HDL (mg/dL)	52 (51, 53)	50 (48, 51)	52 (51, 52)	51 (49, 53)	<i>P</i> = .20
Total TG (mg/dL)	72 (69, 74)	76 (69, 83)	72 (70, 75)	71 (66, 77)	<i>P</i> = .21
SBP (percentile)	41.6 (40.2, 43.0)*	46.7 (42.6, 50.9)	41.6 (40.2, 43.0)*	46.8 (43.4, 50.2)	<i>P</i> = .98
DBP (percentile)	37.5 (35.7, 39.2)	39.3 (35.6, 42.9)	37.7 (35.9, 39.4)	38.2 (34.9, 41.5)	<i>P</i> = .65
Fasting glucose (mg/dL)	95 (94, 96)	94 (91, 96)	95 (94, 96)	93 (92, 96)	<i>P</i> = .54
Age at menarche (y)	11.7 (11.7, 11.8)*	11.6 (11.4, 11.7)	—	—	

DBP = diastolic blood pressure; HDL = high-density lipoprotein; PIR, Poverty Income Ratio; SBP = systolic blood pressure; TG = total triglycerides; WC = waist circumference.

* *P* ≤ .05 for mean difference comparing adolescents exposed to *in utero* smoke exposure to unexposed adolescents of the same sex. The bold simply emphasized that these variables had significant differences.[†] Adjusted for adolescent age, maternal age, and race/ethnicity.

Supplementary Table 2

Odds ratios (95% CI) for the association between *in utero* tobacco smoke exposure and MetS components in male and female adolescents

Cardiometabolic outcomes	Model 1 [†]	
	Females OR (95% CI)	Males OR (95% CI)
MetS	0.94 (0.33, 2.70)	2.48* (1.19, 5.20)
Waist circumference >90th percentile	1.51* (1.07, 2.14)	1.86* (1.32, 2.62)
Weight categories		
Overweight (BMI ≥ 85th percentile)	1.40 (0.85, 2.31)	1.56 (0.98, 2.49)
Obese (BMI ≥ 95th percentile)	1.39 (0.82, 2.36)	1.74* (1.10, 2.77)
HDL <40 mg/dL	0.97 (0.62, 1.50)	1.28 (0.88, 1.87)
Triglycerides >110 mg/dL	1.39 (0.81, 2.36)	1.26 (0.81, 1.97)
Systolic or diastolic BP >90th percentile	0.72 (0.39, 1.34)	1.32 (0.81, 2.15)
Fasting glucose >100 mg/dL	1.69 (0.90, 3.17)	0.75 (0.42, 1.33)

BP = blood pressure; HDL = high-density lipoprotein; PIR = Poverty Income Ratio.

* *P* ≤ .05 for OR comparing adolescents exposed to *in utero* smoke exposure to unexposed adolescents of the same sex. The bold simply emphasized that these variables had significant differences.[†] Adjusted for adolescent age, maternal age, and race/ethnicity.