SUPPLEMENTAL MATERIAL

Table S1. Baseline characteristics of women included and excluded in this study (n = 8107).

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	Included	Excluded	<i>P</i> -value
	n = 5743	n = 2364	
Pregnancy			
Age at enrollment (years), mean (SD)	30.1 (5.1)	27.9 (5.5)	< 0.001
Non-European ethnicity (%)	42.1	60.6	< 0.001
No education/primary school (%)	11.7	21.2	< 0.001
Pre-pregnancy weight, median (5 th , 95 th percentile)	64.0 (50.0, 90.0)	63.0 (49.0, 92.0)	0.06
SBP at enrollment (mmHg), mean (SD)	115.6 (12.1)	114.8 (12.6)	0.01
DBP at enrollment (mmHg), mean (SD)	68.1 (9.5)	67.6 (9.9)	0.02
Smoking (%)	27.1	35.7	< 0.001
Nulliparous (%)	60.1	54.9	< 0.001
No folic acid intake, (%)	28.3	45.3	< 0.001
Pregnancy outcomes			
Spontaneous preterm birth, (%)	3.6	4.3	0.12
Small for gestational age (< p10), (%)	9.9	11.6	0.03
Pre-eclampsia (%)	2.1	2.6	0.24
Gestational hypertension (%)	4.2	3.3	0.06
Boys (%)	49.6	52.6	0.01
Non-European ethnicity child (%)	39.0	55.6	< 0.001

Body mass index, BMI; Diastolic blood pressure, DBP; Systolic blood pressure, SBP.

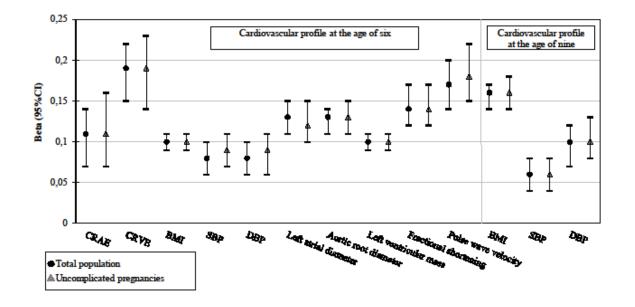
Values are percentages for categorical variables, means (SD) for continuous variables with a normal distribution, or medians (5th, 95th percentile) for continuous variables with a skewed distribution.

Figure S1. Timeline of exposures, outcomes and confounders measured in mother and child.

Pregnancy	Six years after pregnancy	Nine years after pregnancy
Confounders • Pre-pregnancy BMI	Exposures and outcomes measured in mother and child • Central retinal arteriolar	Exposures and outcomes measured in mother and child • BMI
Maternal age at enrollment Maternal SBP at study enrollment Educational level mother Smoking during pregnancy Folic acid supplementation Child's sex Child's ethnicity	and venular calibers BMI Blood pressure Left atrial diameter, aortic root diameter, left ventricular mass and fractional shortening Pulse wave velocity	Blood pressure Confounders Child's age Child's weight and height
	Confounders	
	Child's ageChild's weight and height	

Body mass index, BMI; Systolic blood pressure, SBP.

Figure S2. Overview of results in complicated and uncomplicated pregnancies.



Body mass index, BMI; Central retinal arteriolar caliber, CRAE; Central retinal venular caliber, CRVE; Confidence Interval, CI; Diastolic blood pressure, DBP; Systolic blood pressure, SBP. Values are betas with corresponding 95% CI and represent the mean difference in children per unit increase in maternal parameter.