

ONLINE APPENDIX**Contents**

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Online Table 1. Frequency of IHD diagnoses in the study cohort.

Diagnosis	ICD-8/9	ICD-10	n (%)
Acute myocardial infarction	410	I21-I23	27,625 (55.3)
Angina pectoris	413	I-20	19,332 (38.7)
Other acute IHD	411	I-24	400 (0.8)
Other chronic IHD	412, 414	I-25	2,598 (5.2)
Total	410-414	I20-I25	49,955 (100.0)

ICD = International Classification of Diseases, IHD = ischemic heart disease

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Online Table 2. Interactions between women's pregnancy duration and preeclampsia in relation to IHD risk with up to 43 years of follow-up.

	Pregnancy duration						HRs (95% CI) for early term vs. full-term within preeclampsia strata	HRs (95% CI) for preterm vs. full-term within preeclampsia strata
	Full-term (39-41 wks)		Early term (37-38 wks)		Preterm (<37 wks)			
	Rate ^a (Cases)	HR (95% CI) ^b	Rate ^a (Cases)	HR (95% CI) ^b	Rate ^a (Cases)	HR (95% CI) ^b		
Preeclampsia								
No	89.7 (26,039)	Reference	106.3 (11,306)	1.23 (1.21, 1.26); <i>P</i> <0.001	142.7 (5,204)	1.52 (1.47, 1.57); <i>P</i> <0.001	1.23 (1.21, 1.26); <i>P</i> <0.001	1.52 (1.47, 1.57); <i>P</i> <0.001
Yes	208.4 (2,491)	1.51 (1.45, 1.57); <i>P</i> <0.001	249.3 (1,315)	1.94 (1.84, 2.05); <i>P</i> <0.001	260.1 (874)	2.46 (2.30, 2.63); <i>P</i> <0.001	1.29 (1.20, 1.37); <i>P</i> <0.001	1.63 (1.50, 1.76); <i>P</i> <0.001
HRs (95% CI) for preeclampsia within pregnancy duration strata		1.51 (1.45, 1.57); <i>P</i> <0.001		1.57 (1.48, 1.67); <i>P</i> <0.001		1.62 (1.50, 1.73); <i>P</i> <0.001		
Interaction on additive scale: RERI (95% CI)			0.20 (0.08, 0.32); <i>P</i> =0.001		0.43 (0.25, 0.61); <i>P</i> <0.001			
Interaction on multiplicative scale: HR ratio (95% CI)			1.04 (0.97, 1.12); <i>P</i> =0.24		1.07 (0.98, 1.16); <i>P</i> =0.11			

^aIHD incidence rate per 100,000 person-years.

^bAdjusted for maternal age, year of delivery, parity, education, employment, income, region of origin, BMI, smoking, other hypertensive disorders, and diabetes prior to delivery.

HR = hazard ratio, RERI = relative excess risk due to interaction

Online Table 3. Interactions between women's pregnancy duration and fetal growth in relation to IHD risk with up to 43 years of follow-up.

	Pregnancy duration						HRs (95% CI) for early term vs. full-term within fetal growth strata	HRs (95% CI) for preterm vs. full-term within fetal growth strata
	Full-term (39-41 wks)		Early term (37-38 wks)		Preterm (<37 wks)			
	Rate ^a (Cases)	HR (95% CI) ^b	Rate ^a (Cases)	HR (95% CI) ^b	Rate ^a (Cases)	HR (95% CI) ^b		
Fetal growth								
AGA	91.0 (21,333)	Reference	107.9 (9,297)	1.24 (1.21, 1.27); <i>P</i> <0.001	143.8 (4,531)	1.53 (1.48, 1.58); <i>P</i> <0.001	1.24 (1.21, 1.27); <i>P</i> <0.001	1.53 (1.48, 1.58); <i>P</i> <0.001
SGA	142.1 (3,109)	1.39 (1.34, 1.44); <i>P</i> <0.001	176.1 (1,064)	1.72 (1.62, 1.83); <i>P</i> <0.001	228.1 (714)	1.94 (1.80, 2.09); <i>P</i> <0.001	1.24 (1.15, 1.33); <i>P</i> <0.001	1.39 (1.28, 1.51); <i>P</i> <0.001
HRs (95% CI) for SGA vs. AGA within pregnancy duration strata		1.39 (1.34, 1.44); <i>P</i> <0.001		1.39 (1.30, 1.48); <i>P</i> <0.001		1.27 (1.17, 1.37); <i>P</i> <0.001		
Interaction on additive scale: RERI (95% CI)			0.09 (-0.03, 0.21); <i>P</i> =0.12		0.02 (-0.14, 0.18); <i>P</i> =0.80			
Interaction on multiplicative scale: HR ratio (95% CI)			1.00 (0.93, 1.07); <i>P</i> =0.99		0.91 (0.83, 0.99); <i>P</i> =0.03			

^aIHD incidence rate per 100,000 person-years.

^bAdjusted for maternal age, year of delivery, parity, education, employment, income, region of origin, BMI, smoking, preeclampsia, other hypertensive disorders, and diabetes prior to delivery.

AGA = appropriate for gestational age, HR = hazard ratio, RERI = relative excess risk due to interaction, SGA = small for gestational age