

Supplementary Table 1 Working conditions as a function of demographics. Only working population included. Amsterdam Born Children and their Development study, Amsterdam, The Netherlands, 2003-2004

	Total N	Smoking %	Primi parae %	Dutch %	Overweight ¹ %	Low Education ² %
Weekly working hours						
8-31	1889	8.9	40.2	67.1	21.1	14.2
32-40	2676	8.3	74.2	69.0	18.2	9.9
> 40	300	7.0	86.7	70.3	13.7	5.3
Weekly standing/walking hours						
<10	2764	6.1	60.5	71.2	16.6	7.1
10-19	1011	9.8	58.3	70.2	21.1	11.2
20-30	574	11.3	66.6	63.1	23.2	17.9
>30	356	17.7	74.2	58.1	25.0	29.2
Physical work load						
Low	2606	5.6	63.5	74.2	14.8	4.8
Moderate	1692	10.3	61.3	64.3	22.3	14.7
High	502	17.3	56.8	56.2	28.3	30.3
Job Strain						
Low	2170	7.0	62.3	72.1	16.6	8.5
Moderate	2152	9.2	63.0	68.0	19.7	11.4
High	316	13.9	53.2	54.4	30.1	23.4

Note: Sample sizes differ slightly because of missing values.

¹ Pre pregnancy BMI > 25 kg/m²

² < 5 years education after primary school

PTB=preterm birth

Supplementary Table 2 Mediation model with mediator PIH on the association between working condition standing/walking and PTB (N=4,684)

	Standing/walking → PIH Beta a-path OR (95%CI)	PIH → total PTB Beta b-path OR (95%CI)	Mediation (Boot 95% CI) indirect effect (a x b) OR (95%CI)
Standing/walking ≤10	<i>ref</i>	1.25 (0.91; 1.71)	<i>ref</i>
11-20	0.95 (0.79; 1.15)		0.99 (0.92; 1.04)
21-30	1.01 (0.80; 1.28)		1.00 (0.93; 1.08)
>30	0.85 (0.63; 1.15)		0.96 (0.86; 1.05)
	Standing/walking → PIH Beta a-path	PIH → Iatrogenic PTB Beta b-path	Mediation (Boot 95% CI) indirect effect (a x b)
Standing/walking ≤10	<i>ref</i>	5.48 (2.97; 10.12)	<i>ref</i>
11-20	0.96 (0.79; 1.17)		0.94 (0.67; 1.32)
21-30	1.03 (0.81; 1.31)		1.05 (0.71; 1.57)
>30	0.86 (0.64; 1.18)		0.78 (0.45; 1.35)

Models adjusted for: parity, smoking, previous preterm birth, ethnicity, maternal educational level, maternal age, maternal pre-pregnancy BMI

Spontaneous PTB were excluded in the analysis of iatrogenic PTB

PTB=preterm birth

PIH=pregnancy induced hypertension