

Table S1. High risk pregnancies: ICD codes and number of women with the code in the study

ICD10 Diagnostic Codes	Condition	Timing
E10	Insulin-dependent diabetes mellitus	At any time
E66.2 or E66.8	Morbid/extreme obesity	At any time
E11-E14	Other forms of diabetes mellitus	Before the birth
O26.2	Pregnancy care of habitual aborter	Before the birth
O24	Diabetes mellitus in pregnancy	At the birth
F10-F19, excl. acute intoxication	Mental and behavioural disorders due to psychoactive substance use	At the birth
O99.3	Mental disorders and diseases of the nervous system complicating pregnancy, childbirth and the puerperium	At the birth
O10-O16, excluding O12	Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium	At the birth
O35	Maternal care for (suspected) fetal abnormality and/or damage	At the birth
O36.2	maternal care for hydrops fetalis	At the birth
O36.3	maternal care for signs of fetal hypoxia	At the birth
O41.1	Infection of amniotic sac and membranes	At the birth
O45	premature separation of placenta [abruptio placentae]	At the birth
O44.1	Placenta praevia with haemorrhage	At the birth
Z35.8, Z35.9	Supervision of high-risk pregnancy	At the birth
Z97.5	Presence of (intrauterine) contraceptive device	At the birth
O26.3	Retained intrauterine contraceptive device in pregnancy	At the birth
P56	Hydrops fetalis due to haemolytic disease	At the birth
O71.0	Rupture of uterus before onset of labour	At the birth

*Note: some women had more than one high risk ICD code

Table S2. Main characteristics of the births included in the cohort and the case-control study

	Cohort		Case-control	
Maternal age at treatment				
<20	406	2%	98	4%
20-24	6154	33%	914	33%
25-29	6726	36%	1046	37%
30-34	3712	20%	552	20%
35-39	1272	7%	167	6%
40+	171	1%	21	1%
Maternal age at delivery				
<20	395	2%	60	2%
20-24	2013	11%	337	12%
25-29	5082	28%	754	27%
30-34	6590	36%	1027	37%
35-39	3703	20%	552	20%
40+	658	4%	68	2%
Parity				
None	9094	49%	1366	49%
1	4960	27%	758	27%
2	2220	12%	322	12%
≥3	2167	12%	352	13%
Birth order				
Birth before colposcopy	4175	23%	574	21%
First birth after colposcopy	10530	57%	1503	54%
Second or more birth after colposcopy	3736	20%	721	26%
Deprivation (in quintiles)				
1 (most deprived)	6237	34%	915	33%
2	4444	24%	710	25%
3	3442	19%	552	20%
4	2444	13%	371	13%
5 (least deprived)	1769	10%	247	9%
missing	105	1%	3	0%
Total	18441	100%	2798	100%

Table S3. Absolute risks of preterm birth by timing of colposcopy in relation to birth and depth of excisional procedure

Procedure at colposcopy	Timing of colposcopy in relation to the birth					
	Birth before colposcopy		First births after colposcopy		Second or more births after colposcopy	
	N in cohort	% preterm	N in cohort	% preterm	N in cohort	% preterm
	OR (95% CI)	Absolute Risk	OR (95% CI)	Absolute Risk	OR (95% CI)	Absolute Risk
Punch biopsy (reference)	1735	6.9%	5305	8.5%	1959	6.9%
Small, medium, unknown	1.15 (0.74 to 1.77)	7.9%	1.16 (0.90 to 1.49)	9.8%	1.30 (0.88 to 1.93)	9.1%
Large, very large	0.95 (0.52 to 1.76)	6.5%	2.22 (1.55 to 3.19)	18.9%	2.47 (1.41 to 4.34)	17.2%