Supplementary table 1: Risk of adverse pregnancy and birth outcome among women diagnosed with inflammatory bowel disease with steroids prescriptions during pregnancy compared to those not on steroids.

Variable	prescribe	of women ith IBD not ed steroids pregnancy (n=1,698)	Pregnancies of women with IBD prescribed steroids during pregnancy (n=271)		OR (95% CI) (Adjusted ¹)	
	No.	%	No.	%		
Pregnancy related complications						
Postpartum haemorrhage	207	12.2	22	8.1	0.61 (0.39-0.96)	
Antepartum haemorrhage	88	5.2	16	5.9	1.08 (0.63-1.87)	
Pre-eclampsia/eclampsia	30	1.8	11	4.1	2.33 (1.13-4.81)	
Venous thromboembolism	-	-	-	-	-	
Gestational diabetes	35	2.1	11	4.2	2.27 (1.34-4.51)	
Mode of delivery						
Assisted ²	243	14.3	35	12.9	0.94 (0.62-1.46)	
Elective caesarean ²	256	15.1	44	16.2	1.13 (0.76-1.69)	
Emergency caesarean ²	255	15	43	15.9	1.12 (0.77-1.65)	
Birth outcome						
Adverse birth outcome ³	177	10.4	45	16.6	1.60 (1.11-2.32)	
Still birth	-	-	-	-	-	
Length of gestation						
Pre-term (<37 weeks) ⁴	134	7.9	36	13.3	1.62 (1.07-2.44)	
Prolonged (>41 weeks) ⁴	132	7.8	16	5.9	0.78 (0.46-1.34)	
Birth weight						
>4500 grams ⁵	-	-	-	-	-	
<2500 grams ⁵	85	5	22	8.1	1.82 (1.09-3.05)	
Missing ⁵	276	16.3	67	24.7	1.73 (1.26-2.38)	

¹Adjusted for smoking status, age, ethnicity, diabetes, calendar year and BMI

Analysis based on normal vaginal delivery

³Includes pregnancies of women resulting in stillbirth, pre-term birth or infant born with low birth weight

⁴Analysis based on pregnancies with normal gestational length (37-41 weeks)
⁵Analysis based on pregnancies resulting in live births with baby's weight between 2500-4500 grams

^{- &}lt;3 cases omitted.

Supplementary table 2: Risk of adverse pregnancy and birth outcome among women diagnosed with CD compared to those without IBD excluding perianal crohn's disease.

Variable		of women thout IBD (362,394)	Pregnancies of women without perianal Crohn's (n=878)		OR (95% CI) (Adjusted ¹)
	No.	%	No.	%	
Pregnancy related complications					
Postpartum haemorrhage	35,197	9.7	105	12	1.25 (1.01-1.54)
Antepartum haemorrhage	17,052	4.7	49	5.6	1.24 (0.93-1.65)
Pre-eclampsia/eclampsia	8,261	2.3	20	2.3	1.06 (0.64-1.76)
Gestational diabetes	6,667	1.9	11	1.3	0.69 (0.35-1.38)
Mode of delivery					
Assisted ²	43,846	12.1	117	13.3	1.21 (0.99-1.49)
Elective caesarean ²	35,301	9.7	128	14.6	1.61 (1.28-2.01)
Emergency caesarean ²	50,025	13.8	135	15.4	1.25 (1.01-1.53)
Birth outcome					
Adverse birth outcome ³	31,296	8.6	107	12.2	1.48 (1.19-1.84)
Length of gestation					
Pre-term (<37 weeks) ⁴	23,525	6.5	81	9.2	1.46 (1.14-1.88)
Prolonged (>41 weeks) ⁴	33,999	9.4	74	8.4	0.92 (0.73-1.17)
Birth weight					
<2500 grams ⁵	16,406	4.5	56	6.4	1.48 (1.11-1.98)
Missing ⁵	68,083	18.8	182	20.7	1.19 (1.00-1.42)

¹Adjusted for smoking status, age, ethnicity, diabetes, calendar year and BMI

²Analysis based on pregnancies not resulting in normal vaginal delivery

³Includes pregnancies of women resulting in stillbirth, pre-term birth or infant born with low birth weight

⁴Analysis based on pregnancies with normal gestational length (37-41 weeks)
⁵Analysis based on pregnancies resulting in live births with baby's weight between 2500-4500 grams Note: <3 cases omitted.

Supplementary table 3: Risk of adverse pregnancy and birth outcome among women diagnosed with CD with surgery compared women without surgical intervention. The analysis is split by surgery type

Variables	Without surgery (n=709)		Small/Large bowel surgery (N=231)			Perianal surgery (N=95)		
	No.	%	No.	%	OR (95%CI) (Adjusted ¹)	No.	%	OR (95%CI) (Adjusted ¹)
Postpartum haemorrhage	84	11.8	25	10.8	0.89 (0.52-1.50)	16	16.8	1.32 (0.69-2.52)
Antepartum haemorrhage	40	5.6	12	5.2	1.04 (0.87-0.97)	*	*	0.38 (0.09-1.62)
Mode of delivery								
Assisted ²	94	13.3	33	14.3	1.26 (0.79-2.00)	12	12.6	1.63 (0.79-3.32)
Elective caesarean ²	99	14	50	21.6	1.66 (1.04-2.67)	36	37.9	4.27 (2.38-7.68)
Emergency caesarean ²	108	15.2	37	16.0	1.28 (0.80-2.05)	16	16.8	1.96 (0.99-3.89)
Length of gestation								
Pre-term (<37 weeks) ³	65	9.2	22	9.5	1.08 (0.64-1.82)	7	7.4	0.76 (0.33-1.70)
Prolonged (>41 weeks) ³	54	7.6	20	8.7	1.27 (0.73-2.20)	6	6.3	1.27 (0.68-2.35)
Birth weight								
<2500 grams ⁶	43	6.1	16	6.9	1.15 (0.59-2.23)	*	*	0.56 (0.15-1.99)

¹Adjusted for smoking status, age, ethnicity, diabetes, calendar year and BMI

²Analysis based on normal vaginal delivery

³Analysis based on pregnancies with normal gestational length ⁴Analysis based on live birth with normal birth weight

⁻ No cases.

^{*}Estimates based on less than 5 events

Supplementary table 4: Risk of adverse pregnancy and birth outcome among women diagnosed with UC with surgery compared women without surgical intervention.

Variables	UC without surgery (n=835)		UC with surgery (n=49)	US with surgery (restricting to pouch surgery) (n=37)	
	No.	%	OR (95%CI) (Adjusted¹)	OR (95%CI) (Adjusted ¹)	
Postpartum haemorrhage	94	11.3	0.54 (0.16-1.82)	0.93 (0.20-4.32)	
Antepartum haemorrhage	43	5.1	1.61 (0.52-4.98)	3.02 (0.92-1.03)	
Mode of delivery					
Elective caesarean ²	96	11.5	13.01 (5.68-29.80)	20.41 (5.78-71.99)	
Emergency caesarean ²	122	14.6	1.89 (0.55-6.52)	4.68 (0.77-28.25)	
Length of gestation					
Pre-term (<37 weeks) ³	68	8.1	1.89 (0.77-4.63)	3.00 (0.91-9.88)	
Birth weight					
<2500 grams ⁶	39	4.7	1.38 (0.42-4.45)	2.93 (0.55-15.6)	

¹Adjusted for smoking status, age, ethnicity, diabetes, calendar year and BMI ²Analysis based on normal vaginal delivery

³Analysis based on pregnancies with normal gestational length

⁴Analysis based on live birth with normal birth weight

⁻ No cases.