

Maternal obstetric outcomes in IBD patients compared to the general population

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Disclosures:

Conflict of interest: None

Pregnancy and IBD

From the literature

- *Antenatal disease activity*
- *Preterm*
- *Low birthweight*
- *Caesarean delivery*

- *Indications for Caesarean*
- *Perineal trauma*

What we don't know

Study Design

Cohort analytic study

Comparison of maternal & foetal outcomes

2014-2018

Inclusion Criteria

Combined Antenatal IBD Clinic

Non-IBD births in LTHT

Singleton pregnancy

Methods

Exclusion Criteria

Gestation <24 weeks

Multiple pregnancy

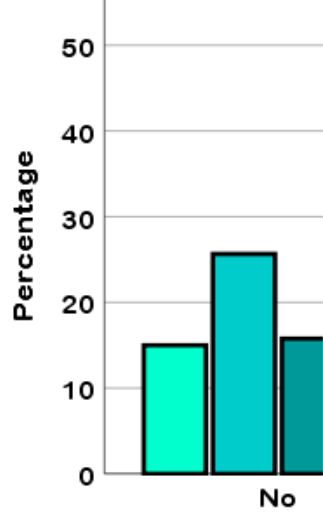
Analysis

IBM® SPSS® Statistical Software

179 IBD, 31509 Non-IBD

Method of Delivery

Caesarean Section Category in non-IBD and IBD Patients

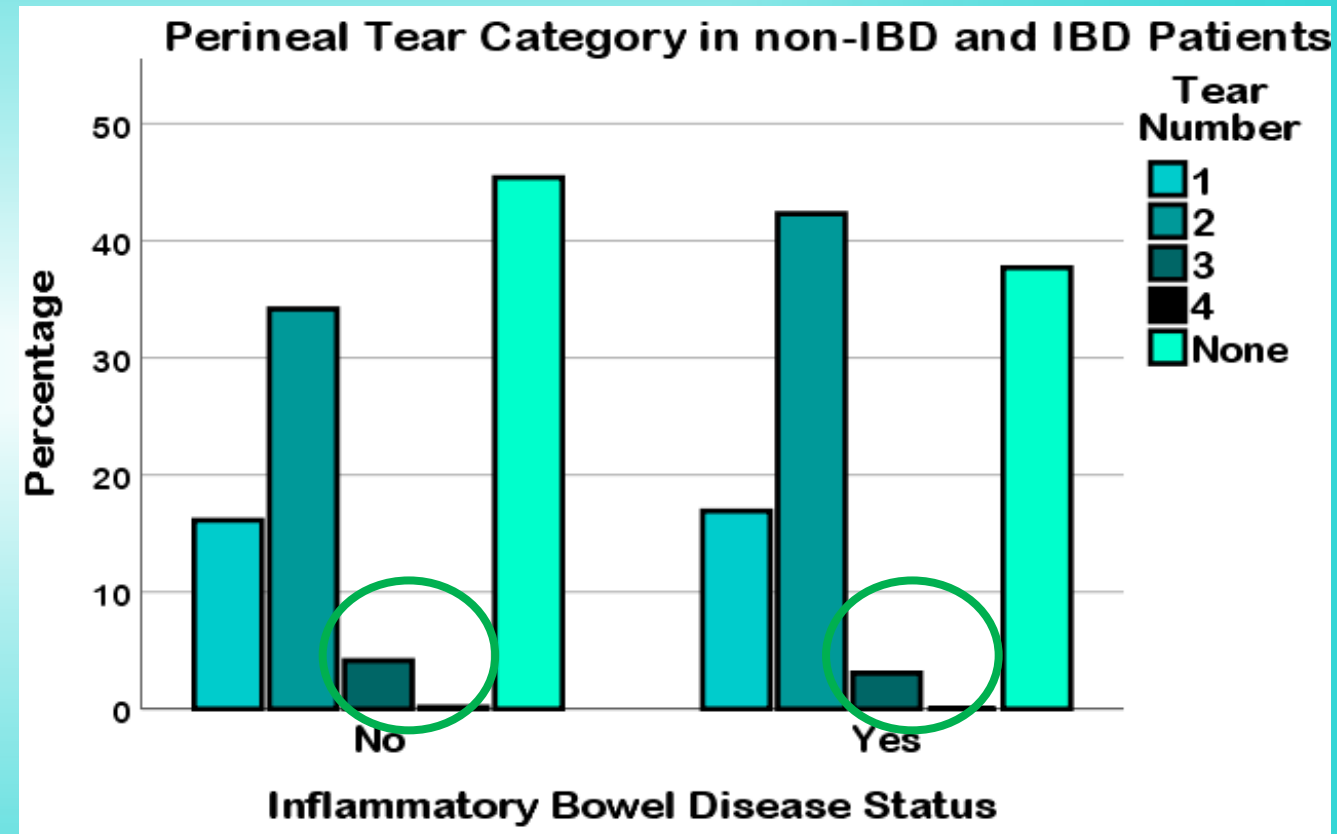


MOD	IBD Indication	Non-IBD Indication	Confidence Interval
Emergency Caesarean	0	100% (20)	1.16-1.81
Elective Caesarean	40% (14)	60% (21)	0.602-1.25

Category 1	Immediate threat to life of woman or foetus	Within 30 minutes of decision
Category 2	No immediate threat to life of woman or foetus	Within 75 minutes of decision
Category 3	Needs early delivery	
Category 4	At a time to suit the woman and maternity services	

Perineal Trauma

	Relative Risk	P-Value	Confidence Interval
Perineal Tear	1.14	<i>0.787</i>	0.980-1.31
Significant Tear	0.704	<i>0.472</i>	0.268-1.85



Other outcomes

Preterm birth

IBD = Non-IBD
RR 1.01
P=0.980
CI 0.620-1.64

Low Birthweight

IBD = Non-IBD
RR 0.891
P =0.692
CI 0.502-1.58

Stillbirth

IBD > Non-IBD
RR 3.86
P = 0.0125
CI 1.24-12.0

Disease Activity

Pre-pregnancy status & Intrapartum status
No difference in all outcomes

Discussion

In keeping with literature

Caesarean Delivery >

Not in keeping with literature

Preterm birth =
Low birthweight =
Stillbirth >
Disease activity =

Additional findings

Perineal trauma =

References

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