

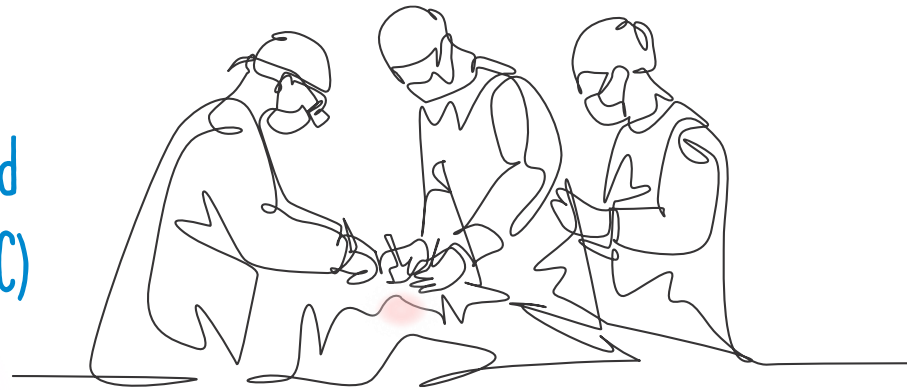
FERTILITY IN IBD

THE INFERTILITY RATE IN LARGE POPULATION-BASED STUDIES OF PATIENTS WITH IBD IS SIMILAR TO THAT IN THE GENERAL POPULATION AND RANGES FROM **5 TO 14%**.¹ WOMEN WITH IBD CAN HAVE FERTILITY PROBLEMS FOR THE FOLLOWING REASONS:



PSYCHOLOGICAL PROBLEMS and VOLUNTARY CHILDLESSNESS (VC)

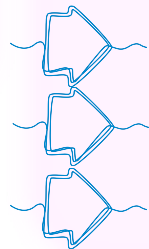
Apprehension and misconception about fertility, potentially adverse pregnancy outcomes, genetic transmission of the disease, risk of abortion/malformation and medication safety may be the causes for the fear and doubts during preconception.^{1,2} VC occurs more frequently in patients with IBD (**13-19%**) compared with the general population (**6%**), and inversely correlates with pregnancy-specific IBD knowledge.^{2,3}



SURGERY

IPAA surgery may impair fertility, with infertility rates rising from **15 to 20%** pre-IPAA to **48-63%** post-IPAA.²

This is attributed to:



- Reproductive organ damage from deep pelvic dissection;
- Formation of scar tissue and adhesions
- Increased prevalence of dyspareunia post-operatively



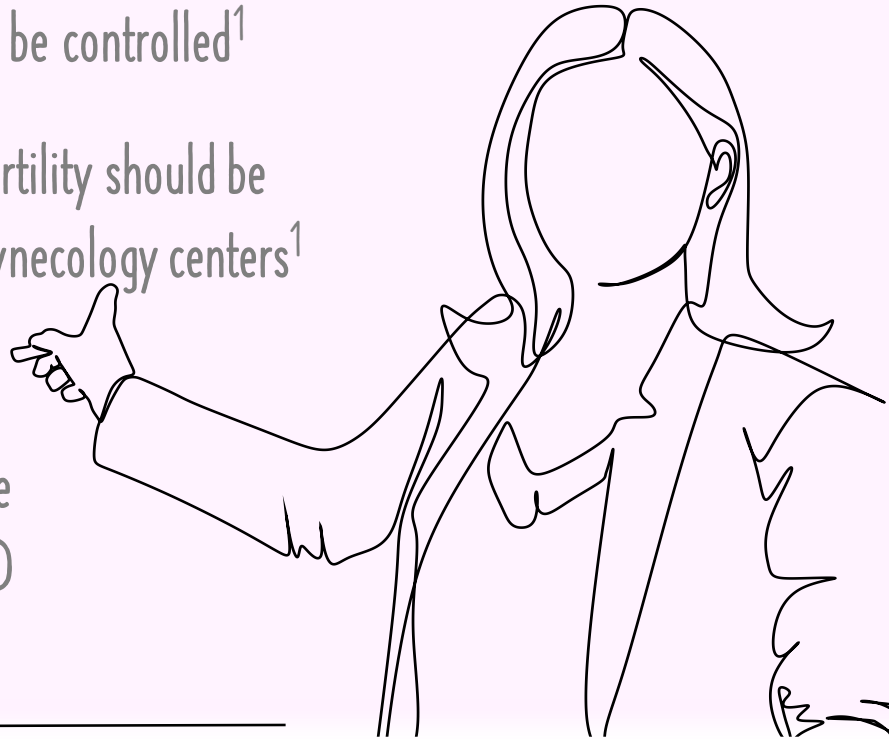
DISEASE ACTIVITY and AGE

Peritoneal inflammation might be responsible for **intra-abdominal adhesions**, and hence a decrease in the fertility rate in women with active IBD.⁴ Moreover, in women with CD, age ≥ 30 years and a colonic location of the disease could be associated with a **reduction in the ovarian reserve**.⁵

1. Carini F et al. Acta Biomed 2021; 92(5): e2021264.
2. Laube R et al. Ther Adv Gastroenterol 2021; 14:1-18.
3. Laube R et al. Journal of Crohn's and Colitis 2020; 1248-1255.
4. Leenhardt R et al. World J Gastroenterol 2019; 25(36): 5423-5433.
5. Freour T et al. Inflamm Bowel Dis 2012; 18: 1515-1522.

HOW TO MANAGE FERTILITY IN IBD

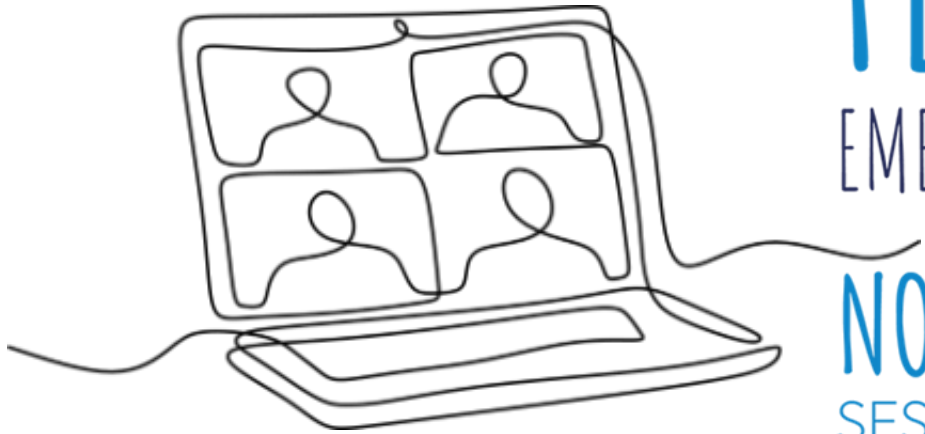
- It may be useful to provide psychological support, accurate counseling on medications, risk of transmission, pregnancy outcomes, and to correct misconception¹
- The optimization of nutritional status, and the cessation of tobacco and alcohol are necessary¹
- Disease activity should be controlled¹
- IBD couples facing infertility should be referred to specialized gynecology centers¹
- Assisted reproductive technology (ART) can be proposed to infertile IBD couples¹



IBD: Inflammatory bowel disease;
ART: Assisted reproductive technology



This and much more will be discussed at the next
Live Webinar:



FERTILITY IN IBD:

EMERGING ASPECTS AND NEW TRENDS

NOVEMBER 29TH 2022

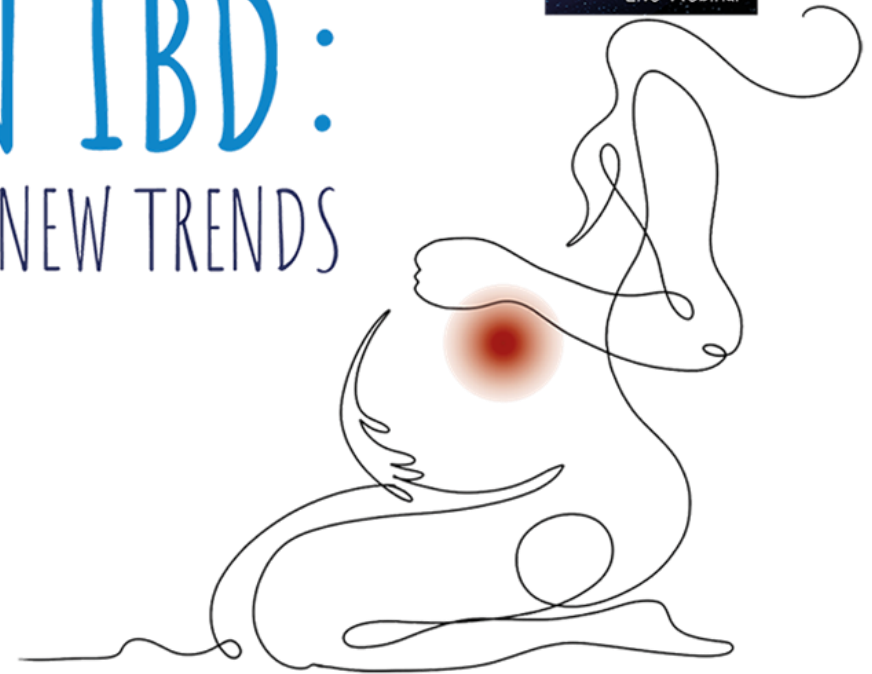
SESSION 1 - 1:00 pm CET

SESSION 2 - 5:00 pm CET

This webinar is organised and funded by Ferring

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