

Reviewer #1:

**Scientific Quality:** Grade B (Very good)

**Language Quality:** Grade B (Minor language polishing)

**Conclusion:** Accept (General priority)

**Specific Comments to Authors:** First, what are the original findings of this manuscript? What are the new hypotheses that this study proposed? The manuscript is a comprehensive literature review, including up-to-date research and relevant epi data. The title is well chosen and the abstract summarizes the most important ideas presented in the article. The authors included recent evidence on risk factors and disease features specific to early onset CRC, emphasizing on the impact on therapy approach and prognostic. Second, what are the quality and importance of this manuscript? What are the new findings of this study? The manuscript is well balanced and presents both established and controversial hypotheses, and completes the analysis with considerations about survival and screening, with a valuable discussion on specific considerations in the young- which will probably be appreciated by potential readership. Having a clear structure and written in good academic English, this article could raise interest from both clinicians and researchers in the field of digestive oncology. Third, what are the limitations of the study and its findings? What are the future directions of the topic described in this manuscript? The article points out that CRC in younger patients is increasing as incidence and it is becoming a growing public health issue. Although there is a wealth of available new data on CRC, the authors highlight some essential novel insights for clinicians: the fact that we often see more histological predictors of bad prognosis in younger CRC patients and also that new data on molecular and genetic features did not improved significantly the therapeutic arsenal used in EO-CRC.

Reply: Thank you for your time and comments.

Reviewer #2:

**Scientific Quality:** Grade A (Excellent)

**Language Quality:** Grade A (Priority publishing)

**Conclusion:** Accept (General priority)

**Specific Comments to Authors:** An excellent review. In this review the authors summarize the current evidence on epidemiological, clinical, histopathological and molecular features of EO-CRC and discuss the contribution of genetics and lifestyle risk factors. But as an innovative work, would you like to provide more evidence and research in young patients? I think this is the outstanding highlight.

Reply: We thank you for your time and comments. we added a paragraph on the «Conclusion and future directions» Section.

Best regards,

Isadora Rosa