

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 53058

Title: Risk factors associated with inflammatory bowel disease: A multicenter case-control study in Brazil

Reviewer's code: 03258862

Position: Editorial Board

Academic degree: MBBS, MD

Professional title: Associate Professor

Reviewer's Country/Territory: India

Author's Country/Territory: Brazil

Manuscript submission date: 2019-12-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2019-12-27 17:58

Reviewer performed review: 2019-12-29 05:01

Review time: 1 Day and 11 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

A well described epidemiological study. Flow-chart of methodology will be nice.

Tables 2 and 3 are large. I suggest that tables can be modified into two (clubbing variable with significant association vs non-significant ones) ?.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 53058

Title: Risk factors associated with inflammatory bowel disease: A multicenter case-control study in Brazil

Reviewer's code: 02998010

Position: Peer Reviewer

Academic degree: MBBS, MD, PhD

Professional title: Professor

Reviewer's Country/Territory: Australia

Author's Country/Territory: Brazil

Manuscript submission date: 2019-12-25

Reviewer chosen by: Ruo-Yu Ma

Reviewer accepted review: 2019-12-27 20:55

Reviewer performed review: 2020-01-14 23:44

Review time: 18 Days and 2 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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SPECIFIC COMMENTS TO AUTHORS

A very good case control study demonstrating the role of the hygiene hypothesis in IBD development within the unique population of Brazil. The authors must be commended especially given the previous paucity of high quality IBD data from the South American continent. In the univariate multinomial analysis, the CD prevalence of each state was compared to the 'Federal District'. Can the authors comment as to why this region was specifically chosen for comparison? Also the geographical area encompassed by the 'Federal District' is only defined in the second paragraph of the discussion, for ease of reading it may be worth including this information earlier in the manuscript. A systematic review examining the epidemiology of IBD in South America was recently published in the World Journal of Gastroenterology on 21st December 2019. This evaluated genetic and environmental factors within this region and also demonstrated a rapid increase in the IBD burden within the South American continent (including Brazil). Citation of this recent systematic review in the introduction or discussion paragraphs of this manuscript is encouraged. (Selvaratnam S, Gullino S, Shim L, Lee E, Lee A, Paramsothy S, Leong RW. Epidemiology of inflammatory bowel disease in South America: A systematic review. World J Gastroenterol 2019; 25(47): 6866-6875)