

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 66136

Title: Venous and arterial thromboembolism in patients with inflammatory bowel diseases

Reviewer's code: 05842325

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: Poland

Manuscript submission date: 2021-03-29

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-29 22:20

Reviewer performed review: 2021-03-29 22:26

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input checked="" type="checkbox"/> Grade E: Do not publish
Language quality	<input 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 checked="" type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input checked="" 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

SPECIFIC COMMENTS TO AUTHORS

There is no manuscript file.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 66136

Title: Venous and arterial thromboembolism in patients with inflammatory bowel diseases

Reviewer's code: 05088164

Position: Associate Editor

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Romania

Author's Country/Territory: Poland

Manuscript submission date: 2021-03-29

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-29 15:37

Reviewer performed review: 2021-04-08 20:53

Review time: 10 Days and 5 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 Grade E: Do not publish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
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 checked="" 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

The main idea of this review is the high risk of venous and arterial thromboembolism in patients with IBD. The authors analyzed the main risk factors of thromboembolism in IBD and the approach to prevent this vascular complication. The title of this review reflects the main subject. The abstract summarizes the most important ideas of the paper. The keywords are well chosen. Starting with the epidemiology and location of venous and arterial thromboembolic events, the authors presented the etiopathogenetic aspects, including the gut microbiome role. The risk factors were analyzed; disease activity, clinical and biochemical specificities, recurrence, post-thrombotic syndrome, *Clostridium difficile* infection, and non-specific factors. Also, IBD medication's role in the pathogenesis of thromboembolic events is presented. Finally, the prophylactic measures, the markers/test screening for thrombosis risk, and treatment issues are covered. The paper is based on a large number of references cited covering all the aspects of the subject. The manuscript is well written, coherently organized with the correct use of the language and grammar. Just a few errors/typos probably should be checked.