

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 82496

Title: Ferric carboxymaltose for anemia in crohn's disease patients at a tertiary center: A retrospective observational cohort study

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05144790

Position: Peer Reviewer

Academic degree: MD

Professional title: Director

Reviewer's Country/Territory: Italy

Author's Country/Territory: Brazil

Manuscript submission date: 2022-12-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-12-29 10:21

Reviewer performed review: 2022-12-29 11:33

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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 type="checkbox"/> Accept (General priority) <input checked="" 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

SPECIFIC COMMENTS TO AUTHORS

The paper underline the efficacy of Ferric Carboxymaltose in Crohn's Disease anaemia and, in a subgroup of patients, the authors compare the results with the previous treatment with ferric hydroxide sucrose. The authors reported no statistical difference in hemoglobin and hematocrit levels after treatment with ferric hydroxide sucrose, while with a single dose of FCM, those levels showed a significant increase. The Hb levels in figure 2 seems to be very similar for both treatments. The efficacy of Ferric Carboxymaltose in iron deficiency and iron restricted anaemia is well demonstrated in several clinical context. The comparison of ferric carboxymaltose and ferric hydroxide sucrose is the more relevant aspect of the paper from a scientific point of view. The results of treatment with ferric hydroxide sucrose should be better described in terms of total dose of iron, level of HB pre and post treatment, treatment duration

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Reviewer's code: 00504545

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Emeritus Professor

Reviewer's Country/Territory: Spain

Author's Country/Territory: Brazil

Manuscript submission date: 2022-12-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-02-04 07:48

Reviewer performed review: 2023-02-06 09:11

Review time: 2 Days and 1 Hour

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
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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Re-review	<input type="checkbox"/> Yes <input checked="" 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

This paper is very interesting and contains an excellent and useful clinical information. As everybody knows, it is very frequent to attend patients with IBD associated with ferropenic anemia of different degrees. The authors analyze their experience in the treatment of this common complication with the infusion of one injection of carboy maltose in a series of Crohn's disease compared with the results obtained in Brazil patients. The study is retrospective but has been well designed and performed. The conclusion is clear, confirming the great efficacy and security of carboe-maltose use over other products in patients with severe iron deficiency associated.