



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 39561

**Title:** Frequency, types and treatment of anemia in Turkish patients with inflammatory bowel disease

**Reviewer’s code:** 02535775

**Reviewer’s country:** Turkey

**Science editor:** Ze-Mao Gong

**Date sent for review:** 2018-05-02

**Date reviewed:** 2018-05-08

**Review time:** 6 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good		<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	(General priority)	Peer-reviewer’s expertise on the topic of the manuscript:
<input type="checkbox"/> Grade E: Do not publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Minor revision	<input type="checkbox"/> Advanced
		<input checked="" type="checkbox"/> Major revision	<input checked="" type="checkbox"/> General
		<input type="checkbox"/> Rejection	<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

To Authors, The manuscript titled “PREVALENCE, CLINICAL CHARACTERISTICS AND TREATMENT OF ANEMIA IN TURKISH PATIENTS WITH INFLAMMATORY BOWEL DISEASE” was reviewed. This is an detailed and important subject. It may be



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published after major corrections mentioned below. Abstract: 1. All abbreviations should be checked. The explanations of abbreviation should be used at the beginning and not used later, and the abbreviations should not be used in abstract unless more than three times. 2. Abstract should be rewritten; Abstract do not project the text. Some important and crucial knowledge in this research was not mentioned in the abstract . Authors should add this knowledge for example "Factors related to anemia among IBD patients" into the abstract. 3. In backgrounds and conclusion, percentage should not be used. 4. There are also some spelling mistakes in abstract. Methods: 5. There are some repeated data in the methods section. These should be corrected. 6. Discussion is fine and sufficient.

#### INITIAL REVIEW OF THE MANUSCRIPT

##### *Google Search:*

- The same title
- Duplicate publication
- Plagiarism
- No

##### *BPG Search:*

- The same title
- Duplicate publication
- Plagiarism
- No



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 39561

**Title:** PREVALENCE, CLINICAL CHARACTERISTICS AND TREATMENT OF ANEMIA IN TURKISH PATIENTS WITH INFLAMMATORY BOWEL DISEASE

**Reviewer's code:** 02446483

**Reviewer's country:** Canada

**Science editor:** Ze-Mao Gong

**Date sent for review:** 2018-05-24

**Date reviewed:** 2018-05-25

**Review time:** 1 Day

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

The study is an impressive investigation on 400+ patients with IBD. The work is well-written. The authors pointed out that while the most common reasons of anemia in IBD are iron deficiency anemia (IDA) and chronic disease anemia (CDA), they are often



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diagnosed together. This is the caveat and here the authors can improve the manuscript. Macrocytic anemias such as vitamin B12 deficiency and/or folate deficiency, hemolytic anemia and drug related bone marrow suppression could be listed. The purpose was to determine the prevalence and types of anemia in IBD patients, to determine the relation between anemia and disease characteristics and evaluate the treatment approach, but the manuscript is hard to find the debriefing notes. They should give more data and making the point in both the abstract and results. Graphic material should be improved.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

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##### ***BPG Search:***

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**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 39561

**Title:** PREVALENCE, CLINICAL CHARACTERISTICS AND TREATMENT OF ANEMIA IN TURKISH PATIENTS WITH INFLAMMATORY BOWEL DISEASE

**Reviewer's code:** 03478404

**Reviewer's country:** Romania

**Science editor:** Ze-Mao Gong

**Date sent for review:** 2018-05-24

**Date reviewed:** 2018-05-26

**Review time:** 2 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input checked="" type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

1. The manuscript entitled "Prevalence, clinical characteristics and treatment of anemia in Turkish patients with inflammatory bowel disease" could have been an excellent paper, as it is a generous topic and much work was done for this research. However, it is



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hampered by too many English errors, long unclear sentences, complicated structure, sometimes incomplete data, and sometimes redundant data. It appears very difficult to be read and someone can hardly see the forest for the trees. Moreover, the paper is not entirely prepared according to the STROBE Statement. 2. The "Title" does not reflect the main topic of the manuscript. "Clinical characteristics" mean symptoms and signs, not types of anemia (which appear in the aim of the study). Also, after reading the manuscript, I understood that authors consider "prevalence" for what represents, in fact, the "frequency" of anemia among these patients, which is not correct. 3. The "Abstract" should be entirely rewritten, as in the actual form is not understandable and would not attract readers. Much more attention should be paid to the English language (in the whole manuscript), but especially in the "Abstract", as it contains plenty of mistakes (despite of the attached "English Editing Certificate" - provided in Turkish). This is a scientific paper, not the spoken language. More important, the "Abstract" does not summarize the content of the paper. They wrote "the following types of anaemia", but they mentioned only IDA; other types should be written as well. The following sentence should be totally rephrased, as it is not clear: "Moreover, since anemia parameters have not been evaluated during follow-up of 15.3% of patients, the etiology of anemia has not been clarified". Also, the sentence about therapy is too long and not clear at all. Megaloblastic anemia is mentioned in the sentence about therapy, however we do not learn from the "Abstract" about its frequency. Prevalence of anemia in Turkish patients is not presented in the "Abstract", only the frequency. Minor comments: Please add " $\pm$ SD" after average age and "years" after " $47\pm 14.4$ ". Please decide (for the whole manuscript) which term you want to use "anemia" or "anaemia", as you used both. Please use "CD" instead of "CH". Why are location of CD and extent of UC presented in the "Abstract"? No analysis with regard to types of anemia was presented. However, in the "RESULTS" paragraph of the manuscript, the authors mentioned "disease type and



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extension do not have a significant effect on incidence of anemia for CD" and "In UC, left colon and pancolitis involvement were associated with higher incidence of anemia compared to proctitis" Then, these should be inserted in the "Abstract". Please write iron deficiency anemia and then use the abbreviation. Please write "Fifty percent" instead of "50%", as it is the beginning of the sentence. Conclusion: "Almost half of these patients received anaemia treatment", however in the "Results" the authors wrote 50%.

4. The "Key words" are NOT appropriately chosen. 5. The "Introduction" presents the status of the knowledge of anemia in IBD, full of English language mistakes and old references. Please rephrase and clarify "While the most common reasons of anemia in IBD are iron deficiency anemia (IDA) and chronic disease anemia (CDA), they are often diagnosed together [6,10].", according to present knowledge. Please do not start a sentence with "IV iron", you may use "Intravenous". AIM: "to determine the prevalence and types of anemia in IBD patients, to determine the relation between anemia and disease characteristics and evaluate the treatment approach". However, answers are hard to find among this complicated manuscript. 6. "Material and Methods": The authors wrote "IBD diagnosis, as stated in the European Crohn's and Colitis Organisation (ECCO) guideline". At that time, the old guidelines were OK. But, given that this manuscript was written recently (2018), the authors could add "and diagnosis was in accordance with the new guidelines" (available on the ECCO site, published in 2017). What do they authors mean by "disease behaviour" in UC? 7. "Results": Please clarify the following sentences, as they are confusing: " IDA was the most common type of anemia (29.9%). In 8% of patients with CDA, the association of IDA and CDA was 3.4% and B12 / folic acid deficiency anemia was observed in 14% of patients (Figure 1). Moreover, since anemia parameters have not been evaluated during follow-up of 15.3% of patients, the etiology of anemia has not been clarified". The authors wrote "disease type and extension do not have a significant effect on incidence of anemia for CD" - why



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“incidence”? “Since smoking history data could not been obtained from the records, it has not been included in the analysis” This sentence does not belong to “RESULTS”. “RESULTS” should be entirely reorganized, in order to be easily followed. 8. “Discussion”: This paragraph is very generous, although it should be presented more logical, otherwise it is very difficult to follow. Limitations are well presented. 9. Please correct to “Budesonide” In Table 2. Tables present pertinent data, however they are very complicated. Authors should try to improve and simplify them. 10. References are not written according to instructions. 11. Major polishing of English language is required. 12. The format of the manuscript is not the required one, including writing style.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

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##### ***BPG Search:***

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- No



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 39561

**Title:** PREVALENCE, CLINICAL CHARACTERISTICS AND TREATMENT OF ANEMIA IN TURKISH PATIENTS WITH INFLAMMATORY BOWEL DISEASE

**Reviewer's code:** 02529835

**Reviewer's country:** United States

**Science editor:** Ze-Mao Gong

**Date sent for review:** 2018-05-24

**Date reviewed:** 2018-05-29

**Review time:** 5 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input checked="" type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

This study evaluated the prevalence, clinical characteristics and treatment of anemia in the patients with inflammatory bowel disease (n=465) from a Turkish medical center. The study is well performed. I have few specific suggestions as follows: Specific



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comments: 1. The discussion is lengthy and redundant. 2. There are spelling and grammar errors.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

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- No

##### ***BPG Search:***

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- No



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 39561

**Title:** PREVALENCE, CLINICAL CHARACTERISTICS AND TREATMENT OF ANEMIA IN TURKISH PATIENTS WITH INFLAMMATORY BOWEL DISEASE

**Reviewer's code:** 01557050

**Reviewer's country:** Japan

**Science editor:** Ze-Mao Gong

**Date sent for review:** 2018-05-24

**Date reviewed:** 2018-06-06

**Review time:** 12 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input checked="" type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

Dr. Bengi, et al. reported 'PREVALENCE, CLINICAL CHARACTERISTICS AND TREATMENT OF ANEMIA IN TURKISH PATIENTS WITH INFLAMMATORY BOWEL DISEASE'. The article is well-presented. The reviewer has some comments.



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Comment 1. The reviewer thinks a control group is necessary for this study. 2. In Table 5, the authors showed significantly different results only, the reviewer would like to know results without significant difference. 3. In abstract, in results, line 14 to 15, please correct from CH to CD, and then to than.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

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- No

##### ***BPG Search:***

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