

PEER-REVIEW REPORT

Name of journal: *World Journal of Radiology*

Manuscript NO: 85380

Title: Can the change of vasomotor activity in irritable bowel syndrome patients be detected via color doppler ultrasound?

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03882145

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: South Korea

Author's Country/Territory: Turkey

Manuscript submission date: 2023-04-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-05-09 07:44

Reviewer performed review: 2023-05-19 05:16

Review time: 9 Days and 21 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 Grade E: Do not publish
Novelty of this manuscript	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input 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 checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" 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 authors investigated brachial artery doppler sonographic readings in IBS patients and controls. While the study is interesting, I have some questions and comments. 1. The authors failed to mention whether diabetes mellitus patients were excluded from the study. As diabetes patients frequently have neuropathy, especially autonomic neuropathy, this should be mentioned. 2. The conclusions in the Abstract does not fit with the manuscript. For example, "This method is regarded more beneficial to the patient than typical autonomic neuropathy treatments, such as the Valsalva maneuver and ice application." is not supported by the study. Please revise. 3. The English, especially the dividing of paragraphs seems to be poor. Please have it checked by a professional English editing service or a native English speaker.

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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03266250

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Chief Physician

Reviewer's Country/Territory: China

Author's Country/Territory: Turkey

Manuscript submission date: 2023-04-25

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-06-11 04:24

Reviewer performed review: 2023-06-16 08:11

Review time: 5 Days and 3 Hours

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
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	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

1. The selection of the topic is meaningful and innovative; the final results are significantly different; and the analysis is also performed for both genders. 2. The methodological content inside the abstract should not only explain how to measure and the principle of measurement but should also provide a summary of the whole trial, from the inclusion of patients to the results of the whole period of the protocol. 3. whether there is a significant difference in the baseline characteristics of the pre-experimental artery flow between the control and experimental groups, not mentioned 4. The language of the article should be further embellished. 5. inclusion Exclusion criteria are an important part of an article, and details should be presented in the text or in an attachment. What diagnostic criteria for IBS were used? Were some patients with significant anxiety and depression included?