



PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Endoscopy*

Manuscript NO: 79919

Title: The diagnostic role of FeNO in pediatric eosinophilic esophagitis and relationship with gastric and duodenal eosinophils

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03656608

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: United States

Manuscript submission date: 2022-10-02

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-10-23 09:27

Reviewer performed review: 2022-11-03 07:27

Review time: 10 Days and 21 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 Grade E: Do not publish
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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
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 reports a study designed to evaluate the utility of FeNO as a non-invasive biomarker of esophageal eosinophilic inflammation for monitoring disease activity. This is an interesting observational study. This paper has some significance for clinicians and researchers working. However, there are several issues that need attention.

RESULTS: "On multivariate analysis adjusting for presence of atopy, similar relation between FENO and EoE was noted with p value of 0.003."---The author should provide detailed data including statistical analysis. Discussion should be more developed. The manuscript is lack of deep discussion for the current results. The described limitations within the reflection of the results could be worked out more deeply within this part.

TABLE II. Patient demographics---The authors should provide the clinical and laboratory characteristics of the subjects.



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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04551037

Position: Editorial Board

Academic degree: MD, MSc

Professional title: Associate Professor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: United States

Manuscript submission date: 2022-10-02

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-11-19 13:06

Reviewer performed review: 2022-11-22 08:04

Review time: 2 Days and 18 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 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

1 Title. The title should emphasize the “diagnostic role” 2 Abstract. Appropriate 3 Key Words. Appropriate 4 Background. Appropriate 5 Methods. Appropriate 6 Results. Two paragraphs of the discussion cannot be found at results section: 1. “ . Since patients with EoE have a high incidence of atopic diseases, a subgroup analysis was performed to control for atopy, which still produced similar correlation results between FeNO and presence of EoE. These findings have not been noted in the previous studies and may attribute to an adequately powered study. “ relevant results must be presented and the mentioned analysis must be added into the methods section. 2. “American Thoracic Society clinical practice guidelines for asthma suggest that a reduction of at least 20% in FeNO for values > 50 ppb (or > 10 ppb for values lower than 50 ppb) be used as the cutoff point to indicate a significant response to anti-inflammatory therapy[17]. Our data suggest that a similar cutoff could be established for FeNO levels in patients with EoE for use in surveillance, particularly in those with high levels. Following an individual patient’s FENO levels over time could allow for monitoring of esophageal inflammation in this subgroup. “ The authors did not mention any therapy follow-up. This paragraph must be changed or the relevant results must be presented. 7 Discussion. 1. The normal values of the FeNO levels in healthy children should be given and discussed 2. Please see above. 8 Illustrations and tables. Appropriate? 9 Biostatistics. Appropriate 10 Units. long form of iNO must be given 11 References. Appropriate 12 Quality of manuscript organization and presentation. Average 13 Research methods and reporting. Appropriate 14 Ethics statements. Appropriate



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Peer-review model: Single blind

Reviewer's code: 03474085

Position: Peer Reviewer

Academic degree: PhD

Professional title: Staff Physician

Reviewer's Country/Territory: Brazil

Author's Country/Territory: United States

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Reviewer chosen by: Dong-Mei Wang

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Reviewer performed review: 2022-11-27 22:56

Review time: 8 Days and 2 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
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 type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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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 presents a study designed to evaluate the utility of FeNO as a non-invasive biomarker of esophageal eosinophilic inflammation for monitoring disease activity. This is an interesting cross-sectional study. This paper has merit; however, the description of the study subjects was superficial. We don't have the clinical and endoscopic characteristics in detail. This question profoundly compromises the evaluation and conclusion of the study