

April 2023

Name of journal: *World Journal of Methodology (WJM)*

Manuscript ID: 84189

Title: Adult Eosinophilic Esophagitis and Advances in Treatment

Dear Editor-in-Chief of the World Journal of Methodology,

On behalf of the other authors and myself, I would like to extend my gratitude for the efforts and time spent reviewing our submission. The Reviewers make excellent points and offer valuable suggestions to improve the manuscript. **Please find the responses in bold font under each of the comments made by the reviewer below, which can also be found in the revised manuscript:**

**Science Editor and Company Editor-in-Chief:**

*I recommend the manuscript to be published in the World Journal of Methodology. Before final acceptance, the author(s) must add a table/figure (medical imaging) to the manuscript. There are no restrictions on the figures (color, B/W).*

**We are grateful that the paper was transferred and for the possibility to be assessed by WJM. We have tried to address all issues raised by both Reviewers. A table summarizing the main issues has been added, as suggested**

**Table 1.** Main topics of the minireview

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**PHYSIOPATHOLOGY**

- *Atopy*
- *Environmental factors*
- *Esophagus epithelial barrier*
- *Th2*
- *Eosinophils*

**CLINICAL PRESENTATION**

**DIAGNOSIS**

**TREATMENT**

- *Dietary Management*
- *Pharmacologic Therapy*
- *Esophageal dilatation*

- *Biologic Agents*

## CONCLUSIONS

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*Before final acceptance, when revising the manuscript, the author must supplement and improve the highlights of the latest cutting-edge research results, thereby further improving the content of the manuscript. To this end, authors are advised to apply a new tool, the Reference Citation Analysis (RCA). RCA is an artificial intelligence technology-based open multidisciplinary citation analysis database. In it, upon obtaining search results from the keywords entered by the author, "Impact Index Per Article" under "Ranked by" should be selected to find the latest highlight articles, which can then be used to further improve an article under preparation/peer-review/revision. Please visit our RCA database for more information at: <https://www.referencecitationanalysis.com/>.*

**We have found the RCA tool to be quite useful in preparing the modified manuscript.**

**The following has been added:**

**“The aim of our minireview is to summarize the current literature regarding the characteristics, diagnosis, complications, mechanisms of pathology, clinical features, the influence of comorbidities, and treatment in patients with EoE, which have been reported in the literature and used in clinical settings since 2000. We conducted a search of the literature published between January 1, 2000, to March 1, 2023, using PubMed (<https://pubmed.ncbi.nlm.nih.gov>) and Reference Citation Analysis (RCA) (<https://www.referencecitationanalysis.com>).”**

### **Reviewer1** (number ID: 03475059)

*Summary “Adult eosinophilic esophagitis and advances in treatment” revealed the pathophysiology and current management of eosinophilic esophagitis. Although it reviewed various topics regarding eosinophilic esophagitis, I have several comments. Major comment 1. Since various topics were covered, each topic was not sufficient. Authors should focus on some topics and note details in each topic. Minor comment 1. There was a sentence in the abstract section which should be corrected in English.*

**Many thanks for the thorough review of our paper. The aim of our invited manuscript was to provide only a brief review of adult eosinophilic esophagitis, and not an extensive assessment of the current literature. In accordance with the comment made by the Reviewer, however, several additional comments have been added throughout the manuscript. The abstract section has been checked and corrected according.**

### **Reviewer2** (number ID: 04068828)

*The authors summarized EoE in adults in terms of epidemiology, pathophysiology, diagnosis and*

*treatment. This review is well written, but I have some comments as below.*

**We appreciate the positive comments regarding our manuscript.**

*Major comments: 1. In the abstract, there is little evidence about “Luminal fiberoptic endoscopy has permitted early diagnosis, which explains the increase in incidence in these past decades.” It should be modified.*

**This sentence has been deleted from the abstract.**

*2. In core tip, “The organ damage can be due to various mechanisms risk factors that activate the cascade of inflammatory response such as direct infection.” sounds nothing to do with EoE.*

**This sentence has been deleted from the core tip.**

*3. In introduction, I do not think it is true about a description “With the current diagnostic technology available, it is possible to distinguish gastroesophageal reflux (GERD) and EoE as two distinct separate conditions.”. That is because GERD and EoE might coexist and interact with each other although they are different entities.*

**The Reviewer makes a valid point regarding the differential diagnosis and the possibility of both conditions. The sentence has been toned down and modified accordingly to read: “With the current diagnostic technology available, it is possible to provide a better diagnosis of gastroesophageal reflux (GERD) and EoE.**

*4. Ref. No5 does not indicate that the increase of EoE incidence rate contribute solely to the improvement of “recognition, diagnostics, and knowledge of this disorder”.*

**The sentence has been toned down and mentions about recognition, diagnostics, and knowledge of this disorder have been deleted, as suggested.**

*5. In diagnosis, the authors need to clarify where the diagnostic criteria come from (e.g. AGA guidelines, etc.)*

**The following phrase has been added in the diagnosis section to read:**

**“... based on the American College of Gastroenterology (ACG) Clinical guidelines and consensus recommendations, which were reported in a review study of EoE by Gomez Torrijos et al. (24)**

*Minor comments: 1. There are many misspellings and grammatical error in the manuscript. It needs to be revised thoroughly.*

**The paper has been edited and checked by a native English medical doctor.**

**The valuable comments and assistance with our paper are greatly appreciated. We look forward to your final decision regarding our modifications, with the hopes that all concerns have been addressed appropriately.**

**Kind regards,**

**Marco Zeppieri** (*on behalf of the Grando Martina, De Pauli Silvia, Giovanni Miotti, and Balbi Massimiliano*)