International Journal of Sport Studies for Health

Journal Homepage



Relationship between Laryngeal Disorders and Respiratory Function in Professional Road Cyclists

Samaneh Ebrahimi^{1,2}, Khadijeh Irandoust^{3*}, Samira Sadat Ghalishourani⁴, Mandana Gholami^{5*}, Mohsen Avatef Rostami^{2,6}, John W. Dickinson⁷, Aslan Ahmadi⁸

- ¹ Department of Sports Sciences, Faculty of Social Sciences, Imam Khomeini International University, Oazvin, Iran
- ² Department of Speech Therapy, School of Rehabilitation, Tehran University of Medical Sciences Tehran, Iran
- ³ Associate Professor, Department of Sports Sciences, Faculty of Social Sciences, Imam Khomeini International University, Qazvin, Iran
- ⁴ Department of Physical Education and Sport Sciences, Faculty of Literature, Humanities and Social Sciences, Science and Research Branch, Islamic Azad University, Tehran, Iran
- ⁵ Associate Professor, Department of Physical Education and Sport Sciences, Faculty of Literature, Humanities and Social Sciences, Science and Research Branch, Islamic Azad University, Tehran, Iran
- ⁶ Department of Biomechanics, Faculty of Medical science and Technologies, South Tehran Branch, Islamic Azad University, Tehran, Iran
- ⁷ Professor in School of Sport & Exercise Sciences, University of Kent, Canterbury CT2 7NB, UK
- ⁸ ENT and Head and Neck Research Center and Department, the Five Senses Institute, Hazrat Rasoul Hospital, Iran University of Medical Sciences, Tehran, Iran

* Corresponding authors email address: irandoust@ikiu.ac.ir, gholami_man@yahoo.com

Editor	Reviewers
Mohammad Ali Aslankhani 🗓	Reviewer 1: Ali Seghatoleslami 🗓
Professor, Department of	Associate Professor, Sports Science Department, Birjand University, Birjand, Iran.
Behavioral, Cognitive and Sports	Email: aseghatoleslami@birjand.ac.ir
Technology, Faculty of Sports and	Reviewer 2: Seyed Mohammad Hosseini
Health Sciences, Shahid Beheshti	Assistant Professor, Department of Health and Rehabilitation in Sports, Shahid
University, Tehran, Iran	Beheshti University, Tehran, Iran.
Email: M-Aslankhani@sbu.ac.ir	Email: moh_hosseini@sbu.ac.ir

1. Round 1

1.1 Reviewer 1

Reviewer:

The manuscript lacks an abstract and keywords. These are fundamental components of a research paper, providing a concise summary of the content and helping in the indexing and retrieval of the document. The inclusion of an abstract and keywords is strongly recommended to enhance the visibility and accessibility of the research.

Implementing a numbered system for in-text citations, as indicated, would align with the recommended academic standards for citation and enhance the document's overall presentation.



There is a gap in the literature review section concerning the specification of sports investigated in the cited studies. Providing details about the specific sports explored in the referenced research will offer clarity, enrich the context of the current study, and underscore its novelty by demonstrating the scope of previous investigations.

It appears there are multiple dependent variables measured in the study which are not clearly indicated when stating the research objective. Clarifying all dependent variables upfront will offer readers a comprehensive understanding of the study's scope and enhance the coherence of the research objectives.

The manuscript's consistency in using abbreviations after their introduction is noted as an area for improvement. Ensuring that only abbreviations are used after the first mention of terms will contribute to the paper's readability and professional presentation.

Standardize the term "indices" for plural forms of "index" in formal writing aligns with academic conventions.

Authors revised the manuscript and uploaded the document.

1.2 Reviewer 2

Reviewer:

The manuscript currently lacks an abstract and keywords section, which are crucial elements of a research paper. An abstract succinctly summarizes the study's purpose, methods, results, and conclusions, providing readers with a quick overview of the research. Keywords facilitate the searchability of the paper in databases. It is recommended to add an abstract of 150-250 words and 5-7 relevant keywords.

The literature review provides a broad overview of previous research on laryngeal disorders in athletes. To enhance the novelty and specificity of the study, it is recommended to clearly indicate the specific sports examined in the cited literature. This detail will help contextualize the study's contributions and identify gaps the current research addresses.

While the study's objectives mention the investigation of laryngeal disorders' impact on respiratory function, explicitly stating all dependent variables measured in the research objectives will improve clarity. This revision ensures readers fully understand the study's scope from the outset.

Introducing the study method in the introduction section and clearly justifying the chosen sample size are important for transparency and reproducibility. Including a brief explanation of the method's relevance to the research objectives and justifying the sample size with statistical power analysis, such as G*Power, are recommended for minor revision.

After the first full introduction of terms followed by their abbreviations, it is essential to consistently use abbreviations throughout the manuscript. This practice enhances readability and maintains the manuscript's professional tone.

The manuscript employs a citation style that could benefit from minor adjustments. Specifically, transitioning to a numbered citation system, as suggested, could streamline the reading process and align with the conventions of many scientific journals. Ensuring consistency in this style throughout the manuscript will improve its professional appearance.

Authors revised the manuscript and uploaded the document.

2. Revised

Editor's decision: Accepted.

Editor in Chief's decision: Accepted.



2