

Several elements of writing a good medical paper

Jialin Liu

Department of Epidemiology and Biostatistics, School of Public Health, Tongji Medical College, Huazhong University of Science and Technology

Abstract

A medical paper is a published textual record describing original results according to a specific format and requirements. It is essential for every researcher to write an excellent academic essay accurately and with a good sense of style. The choice of topic, experimental process, writing style, and submission process, which are all key factors, determine the publishment of an article.

The choice of direction, which is the measure of the value and level of a paper, should be made by reading a large amount of literature. In addition, innovation, the paper's core, has two meanings: to innovate new research ideas or methods and to develop existing research further. Rigorous scientific calculations and experimental processes will make the article icing on the cake.

Paper writing is the process of turning research results into documents, and its content mainly includes writing specifications, writing skills, language style, and so on. The format for writing scientific papers, which consists primarily of an introduction, materials and methods, results, and discussion (IMRAD) and has been developed over a century, is well supported by researchers because of its brief and precise character. Firstly, after the accomplishment of experiments and the organization of data, it is crucial to determine the graphs of the article, which will help present the results. The text description in the result section should be dierent from the content in the table but fo-

cused on the findings and critical points in the paper. The discussion section is to describes the main findings and implications of the article clearly and insightfully. Furthermore, the discussion section includes the following five main parts (1) summary of the main results of the study; (2) significance of the findings; (3) comparison with similar studies; (4) limitations of the study; (5) outlook of the study or plans for further experiments. The materials and methods section, which should contain detailed descriptions, is about the process of obtaining data, such as sample selection, detection method, or population inclusion and exclusion criteria. The introduction should briefly describe the current status and problems in the research area, followed by the purpose of the study. The abstract is the part of the article read frequently and is a scaled-down version of the paper. Therefore, the quality of the abstract directly determines whether the reviewers or readers are interested in reading the article to the end. It is essential to review details such as grammatical errors or inappropriate symbols after writing the paper.

It is also worthwhile to study the issue of submitting the finished paper to the right journal and getting it published. After knowing well about the content and style of the journal and choosing the right journal for submission, the significant step is to refine and revise the paper, including citations, notes, or formatting. Complete the above steps carefully, and you will be one step closer to getting your article published.

大会征文摘要: ISMRP20211015

Keywords: Medical papers; Paper writing; Publication; IMRAD

DOI: 10.14218/MRP.2022.S019