

## Review of Articles Published in the Field of Medical Ethics in Persian from 2017 to the end of 2022

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### ABSTRACT

Given the importance of ethics in scientific fields and the emergence of medical ethics as one of the key topics in the field of medicine, the necessity of scientometric studies for evaluating and managing research in the comprehensive scientific map of the country, this study examined articles published in the field of medical ethics in Persian from 2017 to the end of 2022. In this cross-sectional study, all articles published in the field of medical ethics in Persian from 2017 to the end of 2022 were reviewed. The SID, Magiran, Iranmedex, and NEPA databases were used to find relevant articles. The search in each of the databases was performed by searching for titles. The data were analyzed using SPSS-26. The findings of this study show that 61 articles (reviews and research) in the field of medical ethics have been indexed in Persian journals from 2017 to 2022. In 2020, the highest rate reached 26.23% of the article titles. Based on the articles retrieved in the period under review, the Medical Ethics Specialist Group, History of Medicine, and Ethics Research Center have the largest share, with each center having 7 titles (11.47%) in the production of articles. The first and responsible authors of 26 institutions were active in publishing articles in the field of medical ethics, and Islamic Azad University has the largest share in this field with 19.68% of the article titles. In the field of professional ethics, the largest share was recorded with 36.06% of the article titles. The number of authors who produced the largest number of articles was three authors, which includes 38% of the article titles, most of the article authors tend to collaborate, and only 8.20% of the articles are single authors. In general, the results of this study show that although the growth trend of Persian medical articles has been relatively continuous, the willingness of Iranian researchers to publish research achievements in domestic journals in recent years has been somewhat limited. In general, the scientific impact of Persian articles in this field is low.

**Keywords:** Medical ethics, Scientific products, Scientometric study, Ethical research, Medical education

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### Introduction

Medical ethics, as an important branch of medical sciences, examines the principles and

values that must be observed in all aspects of medicine. These principles include respect for patients' rights, privacy, and justice in providing health services. With the increasing number of



articles and research in this field, the need for a comprehensive study to assess the status of medical ethics research in Persian is felt.

### Importance of Medical Ethics

Medical ethics not only affects the behavior of physicians and medical staff but also affects major decision-making in the field of healthcare. In many cases, failure to comply with ethical principles can lead to irreparable consequences for patients and society. Therefore, paying attention to medical ethics issues and educating physicians and medical students about them is of particular importance.

### Methodology

This study was conducted cross-sectionally and using scientometric methods. Data were collected from reputable scientific databases and articles were reviewed based on specific criteria such as year of publication, type of article (review or research), and number of authors. Also, statistical analyses were conducted to identify publication patterns and scientific collaborations.

#### 1. Data Collection

Various databases were used to collect data. These databases include:

- SID (Scientific Information Database): A reputable database for Persian scientific articles.
- Magiran: A database for Persian articles and publications.
- IranMedex: A database for indexing scientific articles.
- Nepa System: A database for scientific articles and research in Iran.

#### 2. Data Analysis

The collected data were analyzed using SPSS-26 software. Various statistical methods were used to analyze the data, including frequency distribution, percentages, and correlation tests.

### Results

#### 1. Number of Articles

A total of 61 articles in the field of medical ethics have been published in Persian from 2017 to 2022. These articles included 40 research articles and 21 review articles.

#### 2. Annual Distribution of Articles

The distribution of articles in different years shows that 2020 has the highest number of articles with 16 articles. This increase could be due to increased attention to ethical issues during the COVID-19 pandemic.

#### 3. Areas of Study

The published articles are divided into various areas, including professional ethics, research ethics, and clinical ethics. The majority of articles are related to professional ethics, which indicates the importance of this topic in the medical community.

#### 4. Authors and Institutions

A review of the authors shows that most articles are written by a group of co-authors, which indicates a willingness to collaborate in this area. Also, Islamic Azad University has the largest contribution in this area with 19.68% of the article titles.

### Discussion

This study shows that despite the increase in published articles in the field of medical ethics, there is still a need for more attention to this issue. In particular, attention should be paid to improving the quality of articles and increasing international collaboration in this area. Also,

there is a need to create workshops and training courses for physicians and researchers in the field of medical ethics.

### 1. Challenges and Obstacles

The main challenges in the field of medical ethics research include the lack of financial resources, lack of access to international databases, and lack of government support. These problems can hinder the progress and development of medical ethics research in the country.

### 2. Opportunities

Given the increasing public awareness of ethical issues and the need to improve the quality of health services, there are suitable opportunities for the development of medical ethics research in the country. Holding specialized conferences and seminars can help exchange views and experiences among researchers.

### Conclusion

The results of this study show that although the growth trend of articles in the field of medical ethics in Persian is positive, there is a need for more efforts to improve the quality and quantity of these articles. Also, paying more attention to ethical issues in medical education and scientific research should be given more attention.

### Suggestions

1. Development of educational programs: Holding specialized training courses and workshops in the field of medical ethics for students and physicians.
2. Strengthening international cooperation: Creating international cooperation networks to exchange experiences and information in the field of medical ethics.
3. Financial and government support: Creating financial resources and government support for researchers in the field of medical ethics.

4. Development of databases: Setting up reliable databases to access articles and research in the field of medical ethics.

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