

CHALLENGES IN TEACHING MEDICAL TERMINOLOGY TO MEDICAL STUDENTS.

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Abstract: *Medical terms are specialized terms in the field of medicine, and their main importance lies in their clarity and comprehensibility. These terms play a crucial role in expressing diseases, treatment methods, diagnostics, and medical activities. Medical terms facilitate communication on a global scale in both scientific and practical medicine, reduce errors, and enable effective work in the medical field. This article focuses on the importance of medical terms, their usage, and their historical development. Medical terms are important not only for medical professionals but also for scientific research and the development of the international medical community. The precise use of medical terms helps in the rapid and effective treatment of diseases in medicine, as well as ensuring the reliability of scientific research.*

Keywords: *medical terms, medical language, diagnostics, diseases, international medicine, treatment methods, pathology, physiology, prevention, pharmacology.*

Introduction

The development of medical science is one of the processes of great importance in human life. Clarity and legibility play a crucial role in improving the effectiveness of this area. In this regard, medical terminology plays an important role as a universal means of communication between representatives of the medical field. Medical terms not only facilitate mutual understanding between doctors and other medical professionals, but also serve to integrate medical science on a global scale.

Medical terms are special terms related to the field of medicine that are used to denote concepts related to diseases, treatment methods, diagnostic processes, and other medical activities. They ensure that the language of medicine is clear and understandable, which makes it possible to understand the disease or treatment on a global scale. Medical terms also facilitate the interaction and communication of experts in the international scientific community.

Today, medical terminology is the main tool for describing the structure of the human body, diseases, diagnostic methods and therapeutic processes. Due to the vast field of medicine, knowledge of the correct structure and meaning of these terms is becoming increasingly important in medical practice. At the same time, the uniformity of the medical language allows various parts of the healthcare system, from local hospitals to international medical conferences, to function effectively.

The main meaning of medical terms is that they are clear and concise. These terms help specialists interpret diseases, symptoms, and treatments. In the field of medicine, each term has a specific meaning when expressing a specific phenomenon or process, so misunderstanding or ambiguity in this area can be very dangerous.

Internationally accepted medical terminology has a great influence on the development of medicine and modern medical practice. An example is the creation of medical research, scientific articles, and textbooks.

The correct and accurate use of medical terms is important for data exchange and the global development of medicine.

Literature analysis and methodology

The history of medical terminology dates back thousands of years. Ancient Greek scientists and doctors, including Hippocrates and Galen, used Greek and Latin to create the scientific foundations of medicine. These languages, with their scientific completeness and richness of structures, served as a convenient basis for medical terms. For this reason, many modern medical terms come from these ancient languages. For example, terms such as "cardiology", "gastritis", "arthritis" are of Greek origin according to their origin history, while terms such as "physiology", "therapy", "leukemia", "platelet" are of Latin origin.

Today, medical terminology is enriched not only with Latin and Greek words, but also with modern scientific terms borrowed from English. With the development of technology and innovation in medicine, new terms are emerging, such as those related to genomics, telemedicine, and biotechnology. Therefore, it is necessary that medical professionals are familiar with modern terminology. In particular, words borrowed from English such as "myocardium", "gastroenterologist", "adenoma", "laboratory" are familiar to every medical professional and are often found in his daily activities.

Medical terms are used in all fields, including clinical practice, R&D, diagnostic, treatment, and prevention processes. The terms used in medicine are divided into many sectors, including:

1. Anatomy: terms related to the structure of the body and its parts. For example, terms such as "blood vessels", "brain", "lungs" refer to the field of anatomy.
2. Physiology: terms describing normal body functions. For example, terms such as "blood circulation", "respiration".
3. Pathology: terms related to diseases and their causes. For example, "cancer", "inflammation", "infection".
4. Pharmacology: terms describing drugs and their effects. For example, "antibiotics", "analgesics", "antiseptics".
5. Diagnosis and treatment: terms related to the detection and treatment of diseases. For example, "X-ray", "ECG", "surgery".

6. Psychiatry: terms describing mental states. For example, "depression", "anxiety", "psychosis".

Accurate and correct use of medical terms is important in clinical practice. For example, medical errors often occur due to incorrect diagnosis or incorrect choice of treatment methods. Also, in scientific research, the precise use of medical terms ensures the reliability of data and the accuracy of results.

History of Medical Terms

Medical terms existed in ancient times, but they were used until they were developed in modern medicine based on a simple folk language and local dialects.

The development of terminology in the field of medicine has separate historical stages. For example, in Ancient Greece, the term "Medicine" was used, which means "healing". However, in the Middle Ages, Arab specialists such as Ibn Sina (Avicenna) played an important role in the development of terminology in the field of medicine.

However, nowadays medical terms often come from Latin and Greek, as these languages were commonplace in the scientific and medical field at the time. However, today medical terms are used in the international system, in particular, based on such systems as the International Classification of Diseases (ICD) and the Anatomical Therapeutic Chemical Classification System (ATC). Conclusion

Medical terms are important to ensure accurate and effective communication at a high level in the field of medicine. They help to properly understand diseases, treatment methods, and other medical processes. The use of medical terms also ensures the accuracy and reliability of the results in scientific and applied research. Thus, the correct use of medical terms is necessary to achieve maximum effectiveness in the field of medicine.

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