

CLINICAL TERMINOLOGY . WORD-FORMATION GREEK , SUFFIXES AND PREFIXES

Scientific Leader: PhD, **Yorova Sayora Karimovna**

Head of the Department of Languages, Samarkand State Medical University

Alees

The Student of International Faculty, Samarkand State Medical University

Abstract. This article offers an overview of the system of word formation in clinical terminology .Medical terms have been drawn from many languages. A large majority from Greek and Latin. The main part of this article consists of examples containing the most common roots, prefixes and suffixes will clarify the whole field. It will be found that the long and formidable sounding medical terms are a combination of words, which describes parts of body, a function or a combination.

Key words: international language, Latin terms, roots, prefixes and suffixes.

Introduction

It is estimated that three-fourth of medical terminology is of Greek region. There are many reasons behind of it. Main reason that they form an international language, due to which everyone is familiar with the subject.it is obvious that a basic understanding of Greek-Latin term elements increase the productivity of learning . Clinical terminology is also essential for healthcare professionals to accurately communicate with one another, document patient information, and provide quality care. It also helps ensure consistency and clarity in medical records, prescriptions, and other healthcare documents. These Latin terms are often used in medical textbooks, research papers, and discussion among healthcare professionals to provide precise and standardized terminology across different languages and countries.



Medical terminology consist mainly these parts:

1. Root terminology elements
2. Final terminological elements
3. Prefixes
4. Combinig words

For example. Endometritis - endo-metr-itis.

Once divided it into its essential parts, endometritis can be translated.

1. The prefix Endo – translate to inside
2. The root Metr – translate to uterus
3. The suffix Itis- translate to inflammation

So according to above translation endometritis means inflammation of inner layer of uterus. Endometrium is inner layer of uterus, so endometritis meaning inflammation of endometrium layer.

Here are some examples of clinical terminology:

ROOTS

GREEK AND LATIN ROOTS	ENGLISH WORD ELEMENTS	MEANING	EXAMPLES OF MEDICAL TERM
Cyst-	Cyst-	Urinary bladder, sac of fluid	cystectomy
Kerat-	Kerat-	cornea	keratotomia
Enter-	Enter-	Small intestine	gastroenterologia
Gastr-	Gastr-	stomach	gastrotomia



Hyster- , metr-	Hyster-	uterus	hysterotomia
Rhin-	Rhin-	nose	rhinopathia
Stomat-	Stomat-	mouth	Stomatitis

SUFFIXES

GREEK AND LATIN SUFFIXES	ENGLISH WORD ELEMENTS	MEANING	EXAMPLE OF MEDICAL TERMS
-itis	-itis	inflammation	stomatitis
-oma	-oma	Tumor, swelling	keratoma
-pexia	-pexy	fixation	gastropexia
-rrhagia	-rrhagia	bleeding	metrorrhagia
-trophia	-trophia	Nourishment, development	dystrophia
-megalia	-megalia	enlargement	nephromegalia
-thermia	-thermia	heat	hyperthermia

PREFIXES

GREEK AND LATIN PREFIXES	ENGLISH WORD ELEMENTS	MEANING	EXAMPLE OF MEDICAL TERMS
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Dys-	Dys-	Malfunctioning, difficulty	dyspnea
Hyper-	Hyper-	Above , excessive	hypertension
Hypo-	Hypo-	Below, deficient	hypocalcemia
Pan-	Pan-	All, total	panarthritis
Mono-	Mono-	Single, one	monocytes

Here are some examples of medical terminology and their meanings:

- Gastroenterologia :- study of stomach and small intestine.
- Glossoplasty :- plastic surgery of mouth
- Haemotherapia :- treatment by using blood
- Hepatolithus :- stone in liver
- Homogenus :- same origin
- Keratoma :- tumor of eye cornea
- Leucocytosis :- increase in number of white blood cells
- Lipopenia :- decrease in number of lipid
- Macrocheilia :- enlargement of lips
- Mammographia :- graphical representation of X-ray of breast
- Microsplenia :- small spleen
- Myelosis :- any disease of spinal cord
- Nephropexia :- fixation of kidney
- Neurectomia :- removal of nerve
- Oncotomia :- cutting of the tumor



- Otolgia :- pain in ear
- Pericarditis :- inflammation of tissues surrounding heart
- Polyuria :- excessive discharge of urine

Conclusion

In conclusion, using Latin medical terminology can enhance communication, improve patient care, and facilitate collaboration within the healthcare industry. By learning and mastering these Latin terms, healthcare professionals can effectively convey complex medical concepts and information in a concise manner. Latin terms are widely used in medical literature, education, and clinical practice to ensure clear communication between healthcare professionals like between doctors, or between doctor and other healthcare professionals.

References:

1. Арутюнова Н.Д. Дискурс // Лингвистический энциклопедический словарь / гл. ред. В.Н. Ярцева. – М.: Сов. энциклопедия, 1990. 136-137.
2. Богданов В.В. Речевое общение: прагматические и семантические аспекты. – Ленинград: Изд-во ЛГУ, 1990. 27-31 с.
3. Гальскова Н.Д., Гез Н.И. Теория обучения иностранным языкам: Лингводидактика и методика. Уч. пособие. М.: Академия, 2004.- 336 с.
4. Грайс Г.П. Логика и речевое общение. В кн.: Новое в зарубежной лингвистике. - Вып.16, Лингвистическая прагматика. - М.: Прогресс, 1985. – С. 217-237.
5. Дейк Т.А. ван Язык. Познание. Коммуникация. – М.: Прогресс, 1989. -312 с. —
6. Зимняя И. А. Психологические аспекты обучения говорению на иностранном языке. - М, 1985. –С. 234.
7. Ильин Е. П. Психология доверия. – СПб.: Питер, 2013. – 288 с.
8. Иссерс О. С. Коммуникативные стратегии и тактики русской речи. Монография. 5-е изд. – М. : ЛКИ, 2008. – 288 с.
9. Yorova S. K., Khakberdiyeva V. J. K. DOCTOR AND PATIENT //Scientific progress. – 2021. – Т. 2. – №. 1. – С. 1478-1480.



10. Yorova S., Nasimova S. The ways of teaching languages at medical institutions. – 2019.
11. Yorova S. K. The concept “health” in the English lingual culture //Humanities and Social Sciences in Europe: Achievements and Perspectives. – 2017. – C. 58-60.
12. Karimovna Y. S. The linguistic environment in the field of medical communications //Eurasian Journal of Academic Research. – 2022. – T. 2. – №. 2. – C. 143-147.
13. Karimovna Y. S. Social-cultural Characteristics of Uzbek and English Medical Speech //International Journal on Integrated Education. – T. 4. – №. 5. – C. 294-298.
14. Karimovna Y. S. Medicine and Education faculty Samarkand State Medical Institute.
15. Parvina, O. (2023). Theoretical and Methodological Foundations for the Formation of Communicative Competence of Medical Students. *American Journal of Language, Literacy and Learning in STEM Education* (2993-2769), 1(3), 1-3.
16. Shodikulova, A. Z. (2021, December). The theory of an integrative approach to the analysis of the phenomenon of metonymy. In *Archive of Conferences* (pp. 56-57).
17. Parvina, O., & Bilal, A. (2024). LATIN AND INTRODUCTION TO DECLENSIONS. *Journal of Universal Science Research*, 2(1), 452-459.
18. Yaxyaevna, N. S. (2023). ANALYZING DIALECTS AND WRITTEN DOCUMENTS IN MIDDLE ENGLISH PERIOD. *Journal of Universal Science Research*, 1(6), 458-463.
19. Parvina, O. (2023). Theoretical and Methodological Foundations for the Formation of Communicative Competence of Medical Students. *American Journal of Language, Literacy and Learning in STEM Education* (2993-2769), 1(3), 1-3.
20. Shodikulova, A. Z. (2021). The text is about the phenomenon of cohesion. *Academicia Globe*, 2(05), 229-232.
21. Genjebayevna, A. P. (2020). The role of interactive methods in teaching foreign languages in higher education institutions.
22. Genjebaevna, A. P., & Bakhadirovna, E. M. (2022). THE IMPORTANCE OF TEACHING LATIN IN MEDICAL SCHOOLS. *Thematics Journal of Education*, 7(5).
23. Айтмуратова, П. Г. (2022). Важность обучения латинскому языку в медицинских вузах. *Science and Education*, 3(12), 897-902.
24. Yorova, S., Aytmuratova, P., Esanova, M., & Normurodova, S. (2023). PHRASEOLOGICAL UNITS IN THE MEDICAL FIELD OF ENGLISH AND UZBEK CULTURES. *Development and innovations in science*, 2(2), 10-13.

25. Genjebayevna, A. P., & Equebal, A. (2023). NOUNS IS THE 3RD DECLENSION. *Yangi O'zbekistonda Tabiiy va Ijtimoiy-gumanitar fanlar respublika ilmiy amaliy konferensiyasi, 1(7)*, 101-106.
26. Genjebayevna, A. P., & Selvam, P. (2023, November). NOUN OF THE 3d DECLENSION (FEMININE GENDER). In *International conference on multidisciplinary science* (Vol. 1, No. 5, pp. 215-218).
27. Genjebayevna, A. P., & Mallayevna, N. S. (2023). Tibbiyotda Klinik Terminlarning Roli. *AMALIY VA TIBBIYOT FANLARI ILMIY JURNALI*, 2(11), 416-419.
28. Aitmuratova, P., Yorova, S., & Esanova, M. (2023). THE ROLE OF FOREIGN LANGUAGES IN OUR LIFE. *Theoretical aspects in the formation of pedagogical sciences*, 2(4), 161-164.
29. Sevinch, M., & Perkhan, A. (2023). THE ROLE OF THE LATIN LANGUAGE IN MEDICINE. *Journal of Innovation, Creativity and Art*, 166-169.
30. Sarvinoz, Y., & Perkhan, A. (2023). USE OF LATIN TERMS AND TERMINOELEMENTS. *Journal of Innovation, Creativity and Art*, 153-155.
31. Ziyoda, B., & Perkhan, A. (2023). THE WAY IS IMPOSSIBLE IN MEDICINE WITHOUT THE LATIN LANGUAGE. *Journal of Innovation, Creativity and Art*, 132-135.
32. Sohiba, N., & Perkhan, A. (2023). THE ROLE OF LATIN TERMS IN MEDICINE. *INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH ISSN: 2277-3630 Impact factor: 7.429*, 12(10), 1-3.
33. Genzhebaevna, A. P., & Baxadirovna, E. M. (2023). THE ROLE OF TEACHING FOREIGN LANGUAGES IN MEDICAL UNIVERSITY. *INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH ISSN: 2277-3630 Impact factor: 7.429*, 12(11), 49-52.
34. Genjebaevna, A. P. (2022). Esanova Maftuna Bakhadirovna THE IMPORTANCE OF TEACHING LATIN IN MEDICAL SCHOOLS.
35. Genjebayevna, A. P., & Equebal, A. (2023). NOUNS IS THE 3RD DECLENSION. *Yangi O'zbekistonda Tabiiy va Ijtimoiy-gumanitar fanlar respublika ilmiy amaliy konferensiyasi, 1(7)*, 101-106.
36. Genjebayevna, A. P., & Selvam, P. (2023, November). NOUN OF THE 3d DECLENSION (FEMININE GENDER). In *International conference on multidisciplinary science* (Vol. 1, No. 5, pp. 215-218).
37. Айтмуратова, П. (2022). ИСПОЛЬЗОВАНИЕ ЛАТИНСКИХ ТЕРМИНОВ И ТЕРМИНОЭЛЕМЕНТОВ В МЕДИЦИНЕ. *Ustozlar uchun*, 42(2), 158-163.
38. Айтмуратова, П. (2023). ЛАТИНСКИЕ ТЕРМИНЫ И ТЕРМИНОЛОГИИ В ТИББИЙ ТЕРМИНОЛОГИЯХ И ТИББИЙТЕРМИНОЛОГИЯХ. *Общественные науки в современном мире: теоретические и практические исследования*, 2(1), 67-71.
39. Бабаева, Д. Х., Ёрова, С. К., Айтмуратова, П. Г., & Хайитов, П. М. (2017). О НЕКОТОРЫХ ИЗМЕНЕНИЯХ В СТРУКТУРЕ ОБРАЗОВАТЕЛЬНОГО ПРОЦЕССА В



НОВОЙ МОДЕЛИ ОБРАЗОВАНИЯ. *Здоровье, демография, экология финно-угорских народов*, (3), 108-110.

40. Bakhodirovna, E. M., & Amina, S. (2023, November). DEGREES OF ADJECTIVES. GRAMMAR CATEGORIES. In *International conference on multidisciplinary science* (Vol. 1, No. 5, pp. 230-233).
41. Genzhebaevna, A. P., & Baxadirovna, E. M. (2023). THE ROLE OF TEACHING FOREIGN LANGUAGES IN MEDICAL UNIVERSITY. *INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH* ISSN: 2277-3630 Impact factor: 7.429, 12(11), 49-52.



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