



General Information

Lesson topic: Concepts, Suffixes, and Prefixes of Medical Terminology

Session duration: 90 minutes

Course title: Specialized Medical English (1)

Location: Faculty of Medicine, Class No. 17

Audience: Students of Bachelor of Medicine, Bachelor of Surgery (MBBS)

Instructional type (theoretical/practical, in-person/virtual): Theoretical, In-person

Information of the Course's Instructor

Full name: Masoumeh Hassanpour

Field of study: Teaching English as a Foreign Language (TEFL)

Academic degree: PhD

Academic rank: Lecturer

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Lesson Description

Knowledge of medical terminology is fundamental to a wide variety of healthcare fields. This lesson is designed to satisfy the basic learning requirements needed to practice in any health career setting. In the course of your training and future careers, you will need to learn thousands of new terms. The job might be overwhelming if not for learning the skills of dividing the words into their component parts. These roots, suffixes, and prefixes appear over and over in different terms but retain the same meanings. Knowing these meanings will help you define and remember a host of words. This process is like using a set of building blocks to assemble different structures. Using a more scientific example, it is like using the four bases in DNA to code for all the amino acids needed to make proteins.

This lesson begins with a brief Pre-test featuring multiple-choice questions to warm up, followed by a reading of the Case Study "David's Digestive Problems" (chief complaint, examination, and clinical

course). We then introduce Medical Terminology, covering concepts, word parts (roots, suffixes, prefixes), and combining forms. The lesson conclude with the explanation of word derivations, pronunciation, and abbreviations.

Goal:

To read, decode, and construct basic medical terms by correctly identifying root words, prefixes, suffixes, and combining forms, apply their knowledge to interpret and form terms with accurate meaning and pronunciation in both written and spoken forms, read the passages fluently and accurately, and answer comprehension questions to demonstrate reading comprehension

Behavioral Objectives:

By the end of this session, students are expected to:

- 1- explain why medical terminology is used in healthcare.
- 2- identify root words, prefixes, and suffixes.
- 3- understand combining forms and when vowels are used.
- 4- recognize common suffixes, prefixes, and their meanings.
- 5- read and build basic medical terms using word parts.

Educational Content:

Cohen, Barbara Janson, and Shirley A. Jones. (2021). Medical Terminology: An Illustrated Guide. Chapter 1: Concepts, Suffixes, and Prefixes of Medical Terminology

Teaching Method:

Type of activity		Teaching method	Time (90 minutes)
Setting the stage and introduction <i>Introduction, communication, warm-up and an overview to Lesson One, motivation, a diagnostic evaluation,</i>		Q&A, Interactive Lecturing	5 minutes
Content and Headings	Pre-test	Q&A, Interactive Lecturing	2 minutes
	Case Study: David's Digestive Problems	Q&A, Interactive Lecturing	20 minutes
	An Introduction to Medical Terminology: Definition, Its Importance, and Key Idea	Q&A, Interactive Lecturing	5 minutes
	Word Parts: Roots	Q&A, Interactive Lecturing	5 minutes
	Word Parts: Suffixes	Q&A, Interactive Lecturing	5 minutes
	Word Parts: Prefixes	Q&A, Interactive Lecturing	5 minutes
	Combining Forms and Vowels: Definition, Rule, and Exception	Q&A, Interactive Lecturing	10 minutes
	Word Derivations	Q&A, Interactive Lecturing	3 minutes
	Words Ending in x	Q&A, Interactive Lecturing	3 minutes
	Suffixes Beginning with <i>rh</i>	Q&A, Interactive Lecturing	3 minutes
	Pronunciation	Q&A, Interactive Lecturing	5 minutes
	Abbreviations	Q&A, Interactive Lecturing	5 minutes
Summary and conclusion	○ Drawing students' attention to some key items in the tables, for instance, Table 1-3: Suffixes that mean "pertaining to," "like," or "resembling," and review the examples and definitions for each to reinforce understanding. ○ Summarizing the key teaching tips for medical terminology and the Case Study	Q&A, Interactive Lecturing	12 minutes
Students' hands-on (practical) activity / assignment	○ Pre-reading the remaining chapter and completing the exercises in handwritten form to prepare for the next session	-	2 minutes

Required Teaching Aids and Instructional Facilities:

- Computer
- Video data projector
- Online and offline dictionaries
- Internet access
- PowerPoint slides (illustrated terminology)
- Whiteboard
- Whiteboard markers
- Navid Platform
- Skyroom: <https://vclass.mums.ac.ir/ch/mb-hassanpourm1>
- Telegram (social media) access

Study Resources:

Primary Source(s) (Persian/English, Print/Electronic):

Cohen, Barbara Janson, and Shirley A. Jones. (2021). Medical Terminology: An Illustrated Guide.

Resources for Further Reading:

1. Dorland, W. (2022). Dorland's Medical Dictionary. USA: W. B. Saunders Company.
2. Hornby, A. S. (2023). Oxford Advanced Learner's Dictionary. London: OUP.
3. <https://abadis.ir/>
4. <https://dictionary.cambridge.org/>
5. <https://translate.google.com/>
6. <https://www.collinsdictionary.com/dictionary/english>
7. <https://www.dorlandonline.com/dorland/home>
8. <https://www.ldoceonline.com/>
9. <https://www.merriam-webster.com/>
10. <https://www.thefreedictionary.com/>