

Medical Terminology



Health Science Event

Eligible Divisions: Secondary & Postsecondary / Collegiate	Round 1: IN PERSON TESTING 50 Q test in 60 minutes
Solo Event: 1 competitor	

This event will take place as a written test at SLC
Refer to Conference Agenda for assigned testing time

Event Summary

Medical Terminology allows members to gain knowledge and skills regarding prefixes, suffixes, word roots, anatomy, physiology, pathophysiology, and occupations related to the health field. This competitive event consists of a written test with tiebreaker questions and aims to inspire members to learn about terms used in health professions and specialties.

Dress Code

Proper business attire or official HOSA uniform.

Competitor Must Provide:

- [Photo ID](#)
- Two #2 lead pencils (not mechanical) with an eraser

General Rules

1. Competitors must be familiar with and adhere to the [General Rules and Regulations](#).

Official References

2. The references below are used in the development of the test questions:
 - A. [Ehrlich, Ann. Medical Terminology for Health Professions. Cengage Learning. Latest Edition.](#)
 - B. [Taber's Cyclopedic Medical Dictionary. Edited by Donald Venes and Clayton L. Thomas, M.D. F.A. Davis Company. Latest edition.](#)
 - C. [Stanhope and Turnbull. Introduction to Medical Terminology. Goodheart-Willcox. Latest edition.](#)
 - D. [Dean Vaughn's Medical Terminology by Body Systems, Peterson's Publishing, Latest Release \(Online version\).](#)

Written Test

3. [Test Instructions](#): The written test will consist of 50 multiple-choice items in a maximum of 60 minutes.
4. Twenty (20) tiebreaker questions will be administered with the original test.
5. **Test Plan**
The test plan for the Medical Terminology Test is:
 - A. Roots, Prefixes, Suffixes, and Combining Forms - 45%
 - B. Overview of Body - 5%
 - C. Skeletal - 5%
 - D. Muscular - 5%
 - E. Respiratory - 5%
 - F. Digestive - 5%
 - G. Cardiovascular & Lymphatic – 5%
 - H. Nervous/Special Senses - 5%
 - I. Endocrine - 5%
 - J. Reproductive - 5%
 - K. Integumentary - 5%
 - L. Urinary - 5%

6. **Sample Test Questions**

1. What is the study of body tissue structure, composition, and function? (Stanhope page 34)
 - A. Biology
 - B. Cytology
 - C. Endocrinology
 - D. **Histology**
2. What is the meaning of the term hysterectomy? (Stanhope pp 461)
 - A. Cryosurgery of the ovaries
 - B. **Surgical removal of the uterus**
 - C. Rupture of the uterus
 - D. Suturing of the fallopian tubes
3. Which suffix refers to breathing? (Stanhope page 205)
 - A. -cide
 - B. -ion
 - C. **-pnea**
 - D. -stasis

7. **Final Scoring**

In the event of a tie, successive sets of five (5) tiebreaker questions will be judged until a winner is determined. Correct spelling is required for an item to be considered correct in the tiebreaker.

International Leadership Conference (ILC) qualifiers

Go to <https://hosa.org/guidelines/> for specifics about this competitive event at ILC.
June 17-20, 2026 – Indianapolis Convention Center, Indianapolis, IN