

Medical Terminology

Event Category: Health Science.....

Eligible Divisions: Secondary & Postsecondary/ Collegiate	Round One: 50 Q test (60 minutes)	Digital Upload: NO
Solo Event: 1 competitor		



New for 2026-2027

Tiebreakers have been reduced to ten (10) questions. Editorial changes have been made.

TEXAS HOSA

Make sure to read the *Texas General Rules and Regulations* for the updated “**Electronic Device Policy**”

Area Spring Leadership Conference This event only has one round. The online test for Area will be given in December. Make sure to read the “Texas HOSA Handbook- Section G” for online testing procedure. The top 3 individual scores from each Area will advance to the State Leadership Conference.

Texas State Leadership Conference

The State written exam will be given in person in Irving, Tx to those who advanced from each Area. No study materials permitted. The top 3 individual scores from State will advance to ILC.

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.

Sponsorship

HOSA-Future Health Professionals appreciates the sponsorship of Medical Terminology by G-W Publisher .	
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General Event Information

General Rules	Competitors must be familiar with and adhere to the General Rules and Regulations .
Dress Code	Proper business attire or official HOSA uniform. Bonus points will be awarded for proper dress .
Competitors Must Provide	• Photo ID • Two #2 lead pencils (not mechanical) with an eraser • Neon colored foam earplugs, NOT earbuds, for noise control (optional) HOSA Conference Staff will provide equipment and supplies listed in Appendix I .
Official References	The references below are used in the development of the test questions:

	• Ehrlich, Ann. <i>Medical Terminology for Health Professions</i>. Cengage Learning. Latest Edition. • Taber's <i>Cyclopedic Medical Dictionary</i>. Edited by Donald Venes and Clayton L. Thomas, M.D. F.A. Davis Company. Latest edition. • Stanhope and Turnbull. <i>Introduction to Medical Terminology</i>. Goodheart-Willcox. Latest edition. • Dean Vaughn's <i>Medical Terminology by Body Systems</i>, Peterson's Publishing, Latest Release (Online version). The following additional resource is available at HOSA Webinars: G-W Publisher - Medical Terminology
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ROUND ONE- Test

Test Instructions	All competitors will be given a test and test answer sheet. The written test will consist of 50 multiple choice questions in a maximum of 60 minutes. See test instructions here. Two sets of five (5) fill-in-the-blank tiebreaker questions will be administered with the original test. Correct spelling is required for an item to be considered correct. Tiebreakers should be written in the space provided in the test booklet.
Time Remaining Announcements	There will be NO verbal announcements for time remaining during ILC testing. All ILC testing will be completed in the Testing Center, and competitors are responsible for monitoring their own time.
Written Test Plan	The test plan for the Medical Terminology Test is: • Roots, Prefixes, Suffixes, and Combining Forms - 45% • Overview of Body - 5% • Skeletal - 5% • Muscular - 5% • Respiratory - 5% • Digestive - 5% • Cardiovascular & Lymphatic – 5% • Nervous/Special Senses - 5% • Endocrine - 5% • Reproductive - 5% • Integumentary - 5% • Urinary - 5%
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

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.

Future Opportunities

The HOSA Scholarship program has funding available for HOSA members who have an interest in various health careers! The application process begins January 1, 2027, and can be found here: <https://hosa.org/scholarships/>.

Graduating from high school or completing your postsecondary/collegiate program does not mean your HOSA journey has to end. As a HOSA member, you are eligible to become a HOSA Lifetime Alumni Member- a free and valuable opportunity to remain connected, give back, and help to shape the future of the organization. Learn more and sign up at hosa.org/alumni.