

Foundations of Medical Terminology

New for 2020-2021

Competitor orientation deleted from ILC.
 Additional resource has been added: Dean Vaughn Medical Terminology by Body Systems.
 Editorial updates and clarifications have been made to guidelines.

Event Summary

Foundations of Medical Terminology provides **Middle School Division** HOSA members with the opportunity to gain knowledge and skills regarding prefixes, suffixes, roots and anatomy, physiology, pathophysiology and occupations related to the health field. This competitive event consists of a 50 item multiple choice test with 10 tie-breaker questions and aims to inspire members to learn about terms common to health professions and health specialties.

Dress Code Competitors must be in official HOSA uniform or in proper business attire. Bonus points will be awarded for [proper dress](#).

General Rules

1. Competitors in this event must be active members of HOSA-Future Health Professionals and in good standing in the Middle School division ONLY (in grades 6-8 during the 2020-2021 school year).
2. Competitors must be familiar with and adhere to the "[General Rules and Regulations of the HOSA Competitive Events Program \(GRR\)](#)."
3. All competitors shall report to the site of the event at the time designated for each round of competition. At ILC, competitor's [photo ID](#) must be presented prior to ALL competition rounds.

Official References

4. The official references for selection of all terms:
 - [Davies, Juanita J. Illustrated Guide to Medical Terminology, Cengage Learning. Latest edition.](#)
 - [Gyls, Barbara and Regina Masters. Medical Terminology Express: A Short-Course Approach. FA Davis/BE Publishing. Latest edition.](#)
 - [Dean Vaughn's Medical Terminology by Body Systems, Peterson's Publishing. Latest Release \(Online version\).](#)

The Test

5. Test Plan:

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%

6. **Sample Test Questions**

1. Which of the following combining forms refers to hair?

- A. **trich/o-**
- B. mit/o-
- C. kerat/o-
- D. ichthy/o-

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2. Which term refers to the outer wall of a body cavity?

- A. Superficial
- B. Deep
- C. **Parietal**
- D. Visceral

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3. Which term refers to excessive potassium in the blood?

- A. Hypercalcemia
- B. **Hyperkalemia**
- C. Hyponatremia
- D. Hyperchloremia

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7. [Test Instructions](#): Competitors will be given instructions on the use of the Scantron form. There will be a maximum of 60 minutes to complete the test.

NOTE: States/regions may use a different process for testing, to include but not limited to pre-conference testing, online testing, and testing at a computer. Check with your Area/Region/State for the process.

8. **Time Remaining Announcements**: There will be a verbal announcement when there are 30 minutes, 15 minutes, 5 minutes, and 1 minute remaining to complete the test.

Final Scoring

9. The competitor should write his/her answer to the tie-breaker essay question on the tie-breaker page of the test that remains attached to the original test.

10. A series of ten (10) tie-breaking questions will be administered with the original test for the Middle School division. In case of a tie, successive sets of five tie-breaker questions will be used until a winner is determined. In the tie-breaker, correct spelling is required for an item to be considered correct.

Competitor Must Provide:

- Two #2 lead pencil with eraser
- [Photo ID](#)