

# Medical Terminology: Grades 9, 10, 11, 12

Adopted 2004

## Fundamental Word Structure

- A001.** Know the components used to build medical words A001

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- A002.** Understand the importance of spelling medical terms correctly A002

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- A003.** Understand the guidelines for changing singular endings to plural endings A003

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- A004.** Know commonly used prefixes, roots, and suffixes A004

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- A005.** Explore commonly used medical words A005

## Organization of the Body

- B001.** Know terms related to the organization of the body B001

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- B002.** Know terms related to the direction and planes of the body B002

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- B003.** Know the body cavities and the organs contained in each B003

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- B004.** Know the body systems B004

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- B005.** Know the organs found within each body system B005

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- B006.** Explore medical and surgical specialties B006

## Integumentary System

- C001.** Know terms related to the integumentary system C001

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- C002.** Know the word parts related to the integumentary system C002

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- C003.** Know the functions of skin C003

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- C004.** Know the primary and accessory organs of the integumentary system C004

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- C005.** Understand pathological disorders of the integumentary system C005

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- C006.** Explore the medical procedures of the integumentary system C006

## Skeletal System

- D001.** Know terms related to the skeletal system D001

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**D002. Know the word parts related to the skeletal system** D002

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**D003. Know the major structures of the skeletal system** D003

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**D004. Know classifications and functions of bones** D004

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**D005. Understand bone development** D005

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**D006. Know the types of joints** D006

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**D007. Understand pathological disorders of the skeletal system** D007

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**D008. Explore medical procedures relating to the skeletal system** D008

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## Muscular System

**E001. Know terms related to the muscular system** E001

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**E002. Know the word parts related to the muscular system** E002

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**E003. Know the basic types of muscle tissue** E003

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**E004. Know the characteristics of muscles** E004

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**E005. Know the types of movement** E005

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**E006. Understand the process of naming muscles** E006

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**E007. Understand pathological disorders of the muscular system** E007

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**E008. Explore the medical procedures relating to the muscular system** E008

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## Digestive System

**F001. Know terms related to the digestive system** F001

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**F002. Know the word parts related to the digestive system** F002

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**F003. Know the structures of the digestive system** F003

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**F004. Understand the processes of digestion, absorption, and metabolism** F004

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**F005. Understand pathological disorders of the digestive system** F005

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**F006. Explore the medical procedures relating to the digestive system** F006

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## Cardiovascular System

**G001. Know terms related to the cardiovascular system** G001

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**G002. Know the word parts related to the cardiovascular system** G002

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**G003. Know the structure of the heart and its chambers** G003

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**G004. Know the location and function of heart valves** G004

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**G005.** Know the types of blood vessels G005

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**G006.** Know the functions of major components of blood G006

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**G007.** Know the four blood groups G007

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**G008.** Know the Rh factor G008

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**G009.** Understand pathological disorders of the cardiovascular system G009

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**G010.** Explore the medical procedures relating to the cardiovascular system G010

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## Lymphatic and Immune Systems

**H001.** Know terms related to the lymphatic and immune systems H001

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**H002.** Know the word parts related to the lymphatic and immune systems H002

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**H003.** Know the structures of the lymphatic and immune systems and their functions H003

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**H004.** Explore pathological disorders of the lymphatic and immune systems H004

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**H005.** Explore the diagnostic procedures of the lymphatic and immune systems H005

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## Respiratory System

**I001.** Know terms related to the respiratory system I001

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**I002.** Know the word parts related to the respiratory system I002

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**I003.** Know the functions of the respiratory system I003

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**I004.** Know the structures of the respiratory system I004

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**I005.** Understand external and internal respiration I005

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**I006.** Understand pathological disorders of the respiratory system I006

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**I007.** Explore the medical procedures relating to the respiratory system I007

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## Urinary System

**J001.** Know terms related to the urinary system J001

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**J002.** Know the word parts related to the urinary system J002

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**J003.** Know the structures of the urinary system and their functions J003

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**J004.** Understand the formation of urine J004

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**J005.** Explore pathological disorders of the urinary system J005

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**J006.** Explore the medical procedures relating to the urinary system J006

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## Endocrine System

**K001.** Know terms related to the endocrine system K001

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**K002.** Know the word parts related to the endocrine system K002

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**K003.** Know the endocrine glands K003

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**K004.** Know the function of hormones secreted by each gland K004

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**K005.** Explore pathological disorders of the endocrine system K005

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**K006.** Explore the medical procedures relating to the endocrine system K006

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## Nervous System

**L001.** Know terms related to the nervous system L001

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**L002.** Know the word parts related to the nervous system L002

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**L003.** Know the structures of the nervous system L003

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**L004.** Know the divisions of the nervous system L004

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**L005.** Know the structures and functions of the major divisions L005

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**L006.** Explore mental disorders L006

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**L007.** Explore pathological disorders of the nervous system L007

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**L008.** Explore the medical procedures relating to the nervous system L008

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## Sensory System: Eyes and Ears

**M001.** Know terms related to the sensory system: eyes and ears M001

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**M002.** Know the word parts related to the eyes and ears M002

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**M003.** Know the structures of the eye M003

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**M004.** Know the structures of the ear M004

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**M005.** Explore pathological disorders of the eyes and ears M005

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**M006.** Explore the medical procedures relating to the eyes and ears M006

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## Reproductive System

**N001.** Know terms related to the reproductive system N001

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**N002.** Know the word parts related to the reproductive system N002

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**N003.** Know the male primary and accessory organs of the reproductive system and their functions N003

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**N004.** Know the female primary and accessory organs of the reproductive system and their functions N004

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**N005. Explore pathological disorders of the reproductive system** N005

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**N006. Explore the medical procedures relating to the reproductive system** N006

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**Diagnostic and Imaging  
Procedures**

**O001. Know terms related to diagnostic and imaging procedures** O001

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**O002. Know the four vital signs recorded for most patients** O002

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**O003. Know terms related to basic examination procedures** O003

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**O004. Know terms related to basic examination positions** O004

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**O005. Know terms associated with common laboratory tests** O005

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**O006. Know terms associated with radiographs** O006

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**O007. Know terms associated with nuclear medicine** O007

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**O008. Explore imaging techniques** O008

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**Pharmacology and  
General Medical Terms**

**P001. Know terms related to pharmacology and general medical terms** P001

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**P002. Know the routes of drug administration** P002

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**P003. Know the types of injections** P003

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**P004. Know terms associated with pain control** P004

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**P005. Know terms associated with drugs used to treat and control infection** P005

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**P006. Know terms related to disease** P006

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**P007. Explore pathogenic organisms** P007

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