Arkansas CTE

Medical Terminology: Grades 9, 10, 11, 12

Adopted 2004

Fundamental Word Structure	A001.	Know the components used to build medical words A001
	A002.	Understand the importance of spelling medical terms correctly A002
	A003.	Understand the guidelines for changing singular endings to plural endings A003
	A004.	Know commonly used prefixes, roots, and suffixes A004
	A005.	Explore commonly used medical words A005
Organization of the Body	B001.	Know terms related to the organization of the body B001
	B002.	Know terms related to the direction and planes of the body B002
	B003.	Know the body cavities and the organs contained in each B003
	B004.	Know the body systems B004
	B005.	Know the organs found within each body system B005
	B006.	Explore medical and surgical specialties B006
Integumentary System	C001.	Know terms related to the integumentary system C001
	C002.	Know the word parts related to the integumentary system C002
	C003.	Know the functions of skin C003
	C004.	Know the primary and accessory organs of the integumentary system C004
	C005.	Understand pathological disorders of the integumentary system C005
	C006.	Explore the medical procedures of the integumentary system C006
Sk	1.	Know terms related to the skeletal system D001

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	D002. Know the word parts related to the skeletal system D002
	D003. Know the major structures of the skeletal system D003
	D004. Know classifications and functions of bones D004
	D005. Understand bone development D005
	D006. Know the types of joints D006
	D007. Understand pathological disorders of the skeletal system D007
	D008. Explore medical procedures relating to the skeletal system D008
Muscular System	**E001.** Know terms related to the muscular system E001
	E002. Know the word parts related to the muscular system E002
	E003. Know the basic types of muscle tissue E003
	E004. Know the characteristics of muscles E004
	E005. Know the types of movement E005
	E006. Understand the process of naming muscles E006
	E007. Understand pathological disorders of the muscular system E007
	E008. Explore the medical procedures relating to the muscular system E008
Digestive System	**F001.** Know terms related to the digestive system F001
	F002. Know the word parts related to the digestive system F002
	F003. Know the structures of the digestive system F003
	F004. Understand the processes of digestion, absorption, and metabolism F004
	F005. Understand pathological disorders of the digestive system F005
	F006. Explore the medical procedures relating to the digestive system F006
Cardiovascular System	**G001.** Know terms related to the cardiovascular system G001
	G002. Know the word parts related to the cardiovascular system G002
	G003. Know the structure of the heart and its chambers G003
	G004. Know the location and function of heart valves G004

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	G005. Know the types of blood vessels G005
	G006. Know the functions of major components of blood G006
	G007. Know the four blood groups G007
	G008. Know the Rh factor G008
	G009. Understand pathological disorders of the cardiovascular system G009
	G010. Explore the medical procedures relating to the cardiovascular system G010
Lymphatic and Immune Systems	**H001.** Know terms related to the lymphatic and immune systems H001
	H002. Know the word parts related to the lymphatic and immune systems H002
	H003. Know the structures of the lymphatic and immune systems and their functions H003
	H004. Explore pathological disorders of the lymphatic and immune systems H004
	H005. Explore the diagnostic procedures of the lymphatic and immune systems H005
Respiratory System	**I001.** Know terms related to the respiratory system I001
	I002. Know the word parts related to the respiratory system I002
	I003. Know the functions of the respiratory system I003
	I004. Know the structures of the respiratory system I004
	I005. Understand external and internal respiration I005
	I006. Understand pathological disorders of the respiratory system I006
	I007. Explore the medical procedures relating to the respiratory system I007
Urinary System	**J001.** Know terms related to the urinary system J001
	J002. Know the word parts related to the urinary system J002
	J003. Know the structures of the urinary system and their functions J003
	J004. Understand the formation of urine J004
	J005. Explore pathological disorders of the urinary system J005
	6. **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
	K002.	**Know the word parts related to the endocrine system** K002
	K003.	**Know the endocrine glands** K003
	K004.	**Know the function of hormones secreted by each gland** K004
	K005.	**Explore pathological disorders of the endocrine system** K005
	K006.	**Explore the medical procedures relating to the endocrine system** K006
Nervous System	**L001.**	**Know terms related to the nervous system** L001
	L002.	**Know the word parts related to the nervous system** L002
	L003.	**Know the structures of the nervous system** L003
	L004.	**Know the divisions of the nervous system** L004
	L005.	**Know the structures and functions of the major divisions** L005
	L006.	**Explore mental disorders** L006
	L007.	**Explore pathological disorders of the nervous system** L007
	L008.	**Explore the medical procedures relating to the nervous system** L008
Sensory System: Eyes and Ears	**M001.**	**Know terms related to the sensory system: eyes and ears** M001
	M002.	**Know the word parts related to the eyes and ears** M002
	M003.	**Know the structures of the eye** M003
	M004.	**Know the structures of the ear** M004
	M005.	**Explore pathological disorders of the eyes and ears** M005
	M006.	**Explore the medical procedures relating to the eyes and ears** M006
Reproductive System	**N001.**	**Know terms related to the reproductive system** N001
	N002.	**Know the word parts related to the reproductive system** N002
	N003.	**Know the male primary and accessory organs of the reproductive system and their functions** N003
	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
	N006. Explore the medical procedures relating to the reproductive system N006
Diagnostic and Imaging Procedures	**O001.** Know terms related to diagnostic and imaging procedures O001
	O002. Know the four vital signs recorded for most patients O002
	O003. Know terms related to basic examination procedures O003
	O004. Know terms related to basic examination positions O004
	O005. Know terms associated with common laboratory tests O005
	O006. Know terms associated with radiographs O006
	O007. Know terms associated with nuclear medicine O007
	O008. Explore imaging techniques O008
Pharmacology and General Medical Terms	**P001.** Know terms related to pharmacology and general medical terms P001
	P002. Know the routes of drug administration P002
	P003. Know the types of injections P003
	P004. Know terms associated with pain control P004
	P005. Know terms associated with drugs used to treat and control infection P005
	P006. Know terms related to disease P006
	P007. Explore pathogenic organisms P007