

MEDICAL TERMINOLOGY BY BODY SYSTEM ONLINE

THE DEAN VAUGHN TOTAL RETENTION SYSTEM®

COURSE OUTLINE

The *Dean Vaughn Total Retention System*® applied to *Medical Terminology by Body System* is designed to be the fastest and most effective method to teach the most used Greek and Latin elements of medical terminology. It works in conjunction with the natural learning process of the brain by converting abstract medical word elements into images of real and familiar objects that make it incredibly easy to learn and remember program content.

This fully online and interactive course teaches the basic design and structure of medical terminology as well as 275 word parts or elements – prefixes, roots, and suffixes relative to body structure, disease, and diagnosis – that will lead to interpreting and understanding thousands of complex medical terms

MATERIALS

Medical Terminology by Body System consists of the following components:

- Educator Resource – Single use license with access to course content and *Boost Dashboard* (i.e., monitors student progress and grades, provides feedback)
- Student Course - Single use license with access to course content

ASSIGNMENTS

As active learners in *Medical Terminology by Body System*, students will be expected to:

- Complete the Pre-test to establish a basis for measuring individual accomplishment
- View and carefully participate (i.e., pronouncing the medical term, audionym and meaning along with the narrator, visualizing the audionym and its association) in the video presentation for each lesson
- Complete all lesson-based learning activities and reading assignments
- Perform a final review of 275 medical elements – prefixes, roots, and suffixes
- Complete the Final Test to assess knowledge and understanding of medical terminology

OBJECTIVES

On completion of *Medical Terminology by Body System* students will be able to:

- Identify the structure of medical terminology and recognize word roots, prefixes, suffixes, and combining forms
- Understand that the meaning of most complex medical terms is derived by analysis of simpler components or word parts
- Acquire a solid foundation of commonly used Latin and Greek word parts or elements – relative to body structure, disease, and diagnosis – that will lead to interpreting and understanding thousands of complex medical terms
- Complete a final test and achieve a percentage score of 70 percent or better

MODULE 1 – INTRODUCTION

- The *Dean Vaughn Total Retention System*®
- Important Definitions
 - medical term
 - root
 - combining form
 - element
 - word terminal
 - prefix
 - combining vowel
- The Basic Structure of Medical Terminology
- Review Activity
- Medical Terms Used in the Description of Diseases & Operative Procedures
- Overcoming Problems of Literal Interpretations
- Familiar Medical Elements
- Common Medical Abbreviations

MODULE 2 – MEDICAL WORD PARTS | SUFFIXES

- Suffix Elements
 - itis
 - oma
 - penia
 - otomy
 - osis
 - plast
 - spasm
 - ostomy
 - malacia
 - path
 - oid
 - ectomy
 - megal
 - ologist
 - scop
 - lysis
 - algia
 - ology
 - gram
 - rrhexis
- Review Activities

MODULE 3 – MEDICAL WORD PARTS | SUFFIXES

- Suffix Elements
 - desis
 - emesis
 - asthenia
 - rrhe
 - trophy
 - ectasis
 - tope
 - acusic
 - ptosis
 - esthesia
 - crine
 - phil
 - dyn
 - pexy
 - plegia
 - ptysis
 - rraphy
 - cele
 - rrhag
 - stasis
- Review Activities

MODULE 4 – MEDICAL WORD PARTS | PREFIXES

- Prefix Elements
 - a-
 - dys-
 - intra-
 - pre-
 - an-
 - hemi-
 - multi-
 - quad-
 - auto-
 - hyper-
 - peri-
 - retro-
 - bi-
 - hypo-
 - poly-
 - semi-
 - brady-
 - inter-
 - post-
 - sub-
- Review Activities

MODULE 5 – MEDICAL WORD PARTS | UNIVERSAL ELEMENTS

- Universal Elements

steno-	cheil-	benign-	melan-	onco-
viscero-	sphenic-	anti-	myco-	plasia-
rug-	iso-	malign-	adnexa-	lapar-
ment-	somato-	tracho-	hypno-	scler-

- Review Activities

MODULE 6 – MEDICAL WORD PARTS | UNIVERSAL ELEMENTS

- Universal Elements

sept-	scirr-	antr-	plak-	alveol-
sedat-	furca-	radic-	radi-	metabol-
pariet-	gemin-	grad-	calc-	labi-
micr-	phob-	en-	pro-	mechano-

- Review Activities

MODULE 7 – MEDICAL WORD PARTS | UNIVERSAL ELEMENTS

- Universal Elements

dynam-	traumat-	ameb-	strict-	turbin-
neo-	therm-	sym-	ramus-	pan-
ab-	ante-	ex-	puer-	proli-
macro-	lal-	cryo-	mal-	glom-

- Review Activities

MODULE 8 – MEDICAL WORD PARTS | UNIVERSAL ELEMENTS

- Universal Elements

somni-	pharmac-	vert-	eu-	ambi-
amphi-	clas-	duct-	fiss-	ger-
heter-	hom-	sta-	volv-	splanchn-
med-	xer-	per-	blast-	duc-
phren-	ptyal-	colla-	osmo-	lumbo-
olfact-	helio-	histo-	phage-	tarso-

- Review Activities

MODULE 9 – MEDICAL WORD PARTS | BODY STRUCTURE

- Medical Word Parts – Anatomical Direction & Location

cranial	cephal	caudal	superior	inferior
epi-	axillary	brachial	inguinal	cubital
popliteal	pulmonary	viscera	infra-	capit-
cau-	infer-	cata-	hypo-	proximal
distal	ventral	anterior	dorsal	posterior
lateral	renal	chondr-		

- Review Activities

MODULE 10 – MEDICAL WORD PARTS | INTEGUMENTARY & MUSCULOSKELETAL SYSTEMS

- Medical Word Parts Associated with the Integumentary System

cut-	pil-	trich-	onych-	adip-
lip-	pilo-	squam-	fistul-	colla-
tegument-	sarc-			

- Review Activities

- Medical Word Parts Associated with the Skeletal System

oste-	arthr-	lumbo-	orth-	pelvi-
hallux-	pod-	dactyl-	tarso-	cheir-
digit-				

- Review Activities

- Medical Word Parts Associated with the Muscular System

burso-	facia-	cine-	vuls-	tens-
spas-	ton-	lig-		

- Review Activities

MODULE 11 – MEDICAL WORD PARTS | RESPIRATORY, CARDIOVASCULAR & LYMPHATIC SYSTEMS

- Medical Word Parts Associated with the Respiratory System

rhin-	pneum-	thorac-	spir-	pect-
sinus-	sept-	alveol-	peri-	phonia-

- Review Activities

- Medical Word Parts Associated with the Cardiovascular System

 pyle- phleb- thromb- lien- arter-
 splen-

- Review Activities

- Medical Word Parts Associated with the Lymphatic System

 lymph- myel- leuk- cyt- erythr-
 edema

- Review Activities

MODULE 12 – MEDICAL WORD PARTS | DIGESTIVE, URINARY & ENDOCRINE SYSTEMS

- Medical Word Parts Associated with the Digestive System

 stoma- bucco- ptyal- glycol- or-
 bili- oment- peps- cheil-

- Review Activities

- Medical Word Parts Associated with the Urinary System

 neph- ureter urethra

- Review Activities

- Medical Word Parts Associated with the Endocrine System

 aden- hormone- thyro- adreno-

- Review Activities

MODULE 13 – MEDICAL WORD PARTS | NERVOUS SYSTEM & SENSORY ORGANS

- Medical Word Parts Associated with the Nervous System

 encephal- thalam- plexus- dendr- dura-
 ependym- gangli- rachi- neuro- plegia-

- Review Activities

- Medical Word Parts Associated with the Sensory Organs

 lacrim- audi- aur- myring- ot-

- Review Activities

MODULE 14 – MEDICAL WORD PARTS | REPRODUCTIVE SYSTEM (MALE & FEMALE)

- Medical Word Parts Associated with the Reproductive System

orchi-	lact-	colp-	oophor-	part
gravid-	gyn-	mamm-	metr-	thel-
salpingo-	umbilic-	ovario-	utero-	

- Review Activities

MODULE 15 – CONCLUSION

- Conclusion to the *Dean Vaughn Total Retention System® – Medical Terminology by Body System Course*
- Final Test