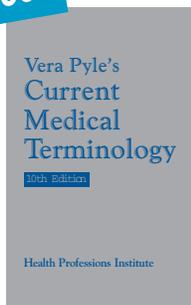


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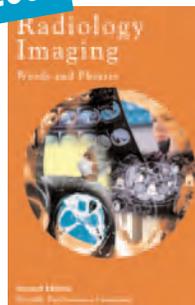
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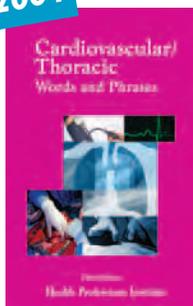
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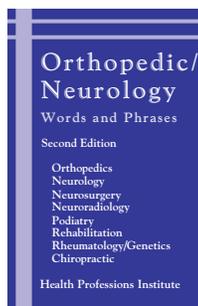


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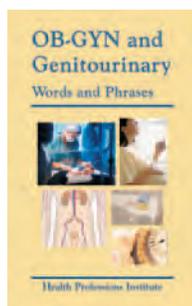
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Radiology Quick Quiz

by Linda C. Campbell, CMT

1. What is the plural form of *phalanx*? The adjectival form?
2. Which of the following phrases is NOT correct?
 - A. small cell carcinoma
 - B. right-sided paresthesias
 - C. higher risk group
 - D. left-arm fracture
3. Define the term *comminuted* as it relates to a fracture.
4. Circle the correct choice in the context of the following sentence:

The (anterior superior, anterior-superior) iliac spine appears intact.
5. Circle the word with the correct spelling in the context of this sentence:

The ankle (mortis, mortise, mortice) is intact.
6. Explain the meaning of this sentence:

Please correlate these radiographic findings clinically.
7. What is the difference between *hemithorax* and *hemothorax*?
8. Define the term *occult*.
9. Circle the preferred choice within the context of the following sentence:

The mass measured out at approximately 3 (cubic millimeters, mm³, cu mm) in size.
10. What is the meaning of the abbreviation *L5-S1*?
11. Circle the correct word based on the context of the following sentence:

An attempted ERCP was aborted because of failure of (canaliculization, canalization, cannulation).
12. Define the phrase *scout film* and explain why it is used.
13. Which of the following is the preferred way to transcribe "microcuries"?
 - A. microcuries
 - B. mCi
 - C. uCi
 - D. μ Ci
 - E. μ Ci's
14. What is the plural form of the word *prosthesis*? The adjectival form?
15. Circle the correct choice in the context of the following sentence:

An (azygos, azygous) lobe was apparent on AP and lateral chest radiographs.
16. What is wrong with the following sentence?

On skull radiographs, the calvarium appears to be intact.
17. Of the following sentences, which one of the italicized words or phrases is correct?
 - A. There was no sign of *metacarpal-phalangeal* joint injury.
 - B. A *soft tissue mass* measuring 3 x 6 mm was noted in the anterior aspect of the left breast.
 - C. The intravenous pyelogram was positive for *renolithiasis*.
 - D. The *sternal-cleidomastoid* appeared to be intact.
18. The prefixes *peri* and *para* are frequently confused. Circle the correct choice in the following sentence and explain the rationale behind your selection.

The right and left (parapharyngeal, peripharyngeal) spaces were free of mass or adenopathy.

ANSWERS

1. The plural form of *phalanx* is *phalanges*; the adjectival form is *phalangeal*.
2. D. The correct phrase is *left arm fracture*; no hyphen is used. *Small cell carcinoma* is one entity. A *risk group* is one entity, so no hyphen is used after *higher*. *Right-sided* is a permanently hyphenated phrase (compare *right-handed*).
3. The term *comminuted* refers to a type of fracture in which the broken ends of the bone are crushed into smaller fragments.
4. *Anterior superior* is the correct choice. While a hyphen is ordinarily used to join two contrasting directions, the *anterior superior iliac spine* is one anatomical entity and is read as one unit. Hyphens are seldom used with anatomical entities.
5. The correct choice is *mortise*. *Mortis* is a Latin word meaning *of death*. It is combined to form *rigor mortis* and *livor mortis*. *Mortice* is an alternative English spelling for *mortise* when referring to carpentry. It is not used in orthopedics.
6. To correlate the radiographic findings clinically is a request from the radiologist to the patient's attending physician to review the x-ray findings and relate or match them to the patient's clinical symptoms.
7. *Hemothorax* refers to one side of the chest. *Hemothorax* means blood in the chest.
8. The term *occult* comes from the Latin word *occultus* and means *hidden from sight*; having a concealed existence or meaning.
9. The correct answer is *cu mm*. *Cubic millimeters* is very long to write out, and mm^3 uses the dreaded superscript, which some computers cannot produce and which also may not transmit electronically.
10. *L5-S1* stands for the fifth lumbar vertebra and the first sacral vertebra.
11. The correct choice is *cannulation*, which means the insertion of a cannula or tube into a body structure. *Canaliculization* refers to the formation of extremely narrow passages. *Canalization* is the formation of a canal or pathway for drainage. The latter two do not imply the insertion of a tube or cannula, however.
12. A scout film is a preliminary x-ray obtained prior to performing the major portion of a particular study. There may be one or more reasons to get a scout view: to make sure the region of interest is included in the field of view, to check the exposure technique, or as a baseline prior to administration of contrast material.
13. A. microcuries. Choice B is the abbreviation for millicuries. Choice C uses the letter *u*. Choice D is the correct abbreviation for "microcuries," but it takes a special character (the Greek letter μ), which may not transmit properly electronically. Choice E is incorrect because the possessive apostrophe "s" is not used with units of measure.
14. The plural form of *prosthesis* is *prostheses*; the adjectival form is *prosthetic*.
15. Azygos lobe. *Azygos* means single, not paired, and *azygos lobe* is one anatomical entity—a compound noun read as one unit. *Azygos lobe* and *azygos vein* appear in most medical dictionaries.
16. The word *calvarium*, although frequently dictated by radiologists, is an incorrect term. The proper word is *calvaria*.
17. Selection B is correct. The phrase *soft tissue mass* is not hyphenated because *soft tissue* is an anatomical entity (a compound noun). Hyphens are not used with most anatomic compound nouns. Selection A is incorrect; the correct phrase is *metacarpophalangeal joint*. Selection C is incorrect; *renolithiasis* is an incorrect form. Selection D is incorrect; the proper spelling is *sternocleidomastoid*.
18. The correct choice is *parapharyngeal*. *Peri* means *around*, and *para* means *on the side*. The doctor said *left and right*, which would indicate two sides (parapharyngeal).

Linda C. Campbell, CMT, FAAMT, served as both Director of Education and Director of Product Development for Health Professions Institute for over 20 years. During that time she helped to develop *The SUM Program* and many references and texts (in particular *The Medical Transcription Workbook*) and participated in numerous teacher training workshops throughout the country. She is currently a freelance writer, editor, and curriculum consultant. Contact her at Pacific10@gmail.com.

