

CE Course Updates and Revisions 7/18/2015

This document contains updates and revisions made since January 2014. If you are using continuing education materials received before January and you are having problems regarding CE test questions or content, contact conted@ncctinc.com.

1220115: Ebola and Other Viral Hemorrhagic Fevers

January 31, 2014

The following question has been revised to read as follows.

36. Where and when has MHF been seen in the United States?
- March 2014 in Minnesota
 - July 2005 in Texas
 - January 2008 in Colorado
 - MHF has not been seen in the United States.

1223614: Eating Disorders

February 25, 2014

The following question has been revised as follows.

1. Which of the following is a TRUE statement about eating disorders?
- Eating disorders frequently occur with other mental illnesses.
 - Eating disorders generally develop later in life.
 - Men do not develop eating disorders.
 - Eating disorders affect a known number of people.

1221014: 2014 CPT Codes Update

February 25, 2014

The following question has been revised as follows.

3. Endoscopic retrograde cholangiopancreatography (ERCP); with ablation of three polyps, including pre- and post-dilation and guide wire passage:
- 43275
 - 43276
 - 43277
 - 43278

1220114: Diabetes – Truths and Misconceptions

March 5, 2014

The following question has been revised as follows.

21. Which of the following oral medications for type 2 diabetes works only by stimulating the release of insulin?
- a. Avandia®
 - b. Glucotrol®
 - c. Glyset®
 - d. Januvia®

1220914: The Structures & Functions of the Integumentary System

March 5, 2014

1. The following text located on page 6 has been revised as follows.

Each hair has three major parts – the follicle, root, and shaft. The hair follicle is located deep in the dermis. The follicle contains keratinocytes and melanocytes. Keratinocytes form the hair structure; melanocytes are pigment-producing cells. As new hair is produced in the follicle it is pushed up to the hair root which is just below the skin's surface. When the hair exits the skin, it is called the hair shaft.

Each hair root and shaft has a medulla, cortex, and cuticle. The innermost portion is the medulla and it contains soft keratin and air. The cortex layer is between the medulla and cuticle. The cortex contains hard keratin (from keratinocytes) and the majority of the pigment (from melanocytes) that gives hair its color. The outermost layer is the cuticle which is made of hard keratin. The cells of the cuticle overlap like scales.

2. The following question has been revised as follows.

13. In what portion of the hair are the majority of the pigment-producing cells found?
- a. Cortex
 - b. Cuticle
 - c. Follicle
 - d. Medulla

1220214: A Review of the Respiratory System

March 7, 2014

The question below has been revised as follows.

2. Which of the following is considered part of the respiratory system conducting zone?
- a. Alveolar duct
 - b. Alveoli
 - c. Respiratory bronchiole
 - d. Larynx

1223714: Anxiety Disorders

March 28, 2014

The following question has been revised as follows.

3. Which type of attack can occur at any time, even during sleep?
- a. Panic disorder
 - b. Obsessive-compulsive disorder (OCD)
 - c. Generalized anxiety disorder
 - d. Social disorder

1222114: Body Fluids – The Ins and Outs

April 16, 2015

The following question has been revised as follows.

13. Which of the following urine volumes represents a minimum quantity for centrifugation for microscopic evaluation?
- a. 3 mL
 - b. 6 mL
 - c. 12 mL
 - d. 20 mL

1220115: Ebola and Other Viral Hemorrhagic Fevers

April 16, 2015

The following questions have been revised to read as follows.

16. Which of the following can be reservoirs of CCHF?

- a. *Aedes* mosquitoes
- b. African fruit bats
- c. Birds
- d. Domestic livestock

17. The case fatality rate of CCHF can be as high as _____.

- a. 9%
- b. 50%
- c. 75%
- d. 98%

1221214: Injections – Safe Practices and More
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May 14, 2015

The reading material in the section **Subcutaneous Injections** has been revised to read as follows:

The maximum amount of drug injected subcutaneously is 1 mL. Drugs given subcutaneous include the following.

- Insulin
- Heparin
- Hyoscine
- Vaccines: measles, mumps, rubella, varicella , zoster, meningococcal polysaccharide, pneumococcal polysaccharide (can also be administered intramuscularly), and inactivated polio (can also be administered intramuscularly)
- Human growth hormone
- Epinephrine

The reading material in the section **Intramuscular Injections** has been revised to read as follows:

The maximum volume of drug injected is 3 mL; a larger dose is usually divided and injected at two different sites. Drugs frequently administered intramuscularly include the following.

- Analgesics
- Anti-emetics
- Corticosteroids
- Fertility treatment hormones
- Codeine
- Morphine
- Methotrexate

- Streptomycin
- Penicillin
- Vaccines: diphtheria, tetanus, pertussis, *Haemophilus influenzae* type b, hepatitis A, hepatitis B, human papilloma virus, inactivated influenza, quadrivalent meningococcal conjugate, pneumococcal conjugate, pneumococcal polysaccharide (can also be administered subcutaneously), and inactivated polio (can also be administered subcutaneously)

The following questions have been revised to read as follows.

15. Which one of the following is administered via a subcutaneous injection?

- Fertility treatment hormones
- Human papilloma virus vaccine
- Insulin
- Tuberculosis skin testing

28. Which of the following drugs are administered via intramuscular injection?

- Human papilloma virus
- Heparin
- Human growth hormone
- Insulin

1223914: Bipolar Disorders in Adults

July 17, 2015

The following questions have been revised to read as follows.

8. When a person has bipolar symptoms that do not meet the diagnostic criteria of bipolar I or II, but the symptoms are clearly out of the person's normal range of behavior, which of these is the most likely DSM classification?

- Manic
- Hypomanic
- BP-NOS
- Cyclothymic disorder

9. Adults with cyclothymic disorder typically have _____.

- a rapid-cycling bipolar disorder
- symptoms that require immediate hospitalization
- full blown manic and depressive episodes
- a mild form of bipolar disorder

1221414: A Review of the Urinary System

July 17, 2015

The following question has been revised to read as follows.

9. Which of the following nephron structures are involved with secretion?
- a. Bowman's capsule
 - b. Glomerulus
 - c. Distal convoluted tubule

1220214: A Review of the Respiratory System

July 17, 2015

The following question has been revised to read as follows.

33. For which of the following causes of pneumonia would antibiotics NOT be effective as a treatment for the primary infection?
- a. *Cryptococcus neoformans*
 - b. *Haemophilus influenzae*
 - c. Respiratory syncytial virus
 - d. *Streptococcus pneumoniae*

1220315: A Review of Arterial Blood Gases

July 17, 2015

The following step has been added to the collection procedure for ABGs.

10	Make the puncture at a 45° degree angle.
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