

Continuing Education Questions

SPRING 2015

1. What antiplatelet drugs are used for dual antiplatelet therapy following an uncomplicated acute myocardial infarction?
 - a. Aspirin and clopidogrel
 - b. Aspirin and Coumadin
 - c. Coumadin and heparin
 - d. Ticlopidine and clopidogrel
2. What primary central laboratory assay may be used to test for the effectiveness of antiplatelet drug therapy?
 - a. Platelet count
 - b. Prothrombin time
 - c. Platelet aggregometry
 - d. Partial thromboplastin time
3. What is the main use for the glycoprotein inhibitor eptifibatide?
 - a. Prevent a secondary arterial thrombotic event
 - b. Treatment for deep venous thrombosis
 - c. Prevent a stroke in atrial fibrillation
 - d. Percutaneous intervention
4. What is the antiplatelet property of aspirin?
 - a. Irreversibly acetylates cyclooxygenase
 - b. Occupies the platelet membrane ADP receptor, P2Y₁₂
 - c. Occupies the platelet membrane fibrinogen receptor, GP IIb-IIIa
 - d. Occupies the platelet membrane von Willebrand factor receptor, GP Ib-IX-V
5. What is the antiplatelet property of clopidogrel?
 - a. Irreversibly acetylates cyclooxygenase
 - b. Occupies the platelet membrane ADP receptor, P2Y₁₂
 - c. Occupies the platelet membrane fibrinogen receptor, GP IIb-IIIa
 - d. Occupies the platelet membrane von Willebrand factor receptor, GP Ib-IX-V
6. What is the antiplatelet property of abciximab?
 - a. Irreversibly acetylates cyclooxygenase
 - b. Occupies the platelet membrane ADP receptor, P2Y₁₂
 - c. Occupies the platelet membrane fibrinogen receptor, GP IIb-IIIa
 - d. Occupies the platelet membrane von Willebrand factor receptor, GP Ib-IX-V
7. A patient takes aspirin but her arachidonic acid-induced aggregometry response is normal. What condition may exist?
 - a. Ticagrelor resistance
 - b. Aspirin low response
 - c. Clopidogrel low response
 - d. None, this is the expected result
8. What FDA-cleared point of care assay is available to test for clopidogrel response?
 - a. Platelet aggregometry using arachidonic acid as the agonist
 - b. The Accumetrics VerifyNow GP IIb-IIIa assay
 - c. The Accumetrics VerifyNow P2Y₁₂ assay
 - d. The Siemens PFA-100 P2Y₁₂ assay
9. What is the advantage of light transmittance aggregometry (LTA) over whole blood impedance aggregometry (WBA)?
 - a. LTA requires a smaller specimen
 - b. LTA is traditional and the most popular
 - c. LTA requires no specimen preparation
 - d. LTA may be performed immediately on fresh plasma
10. Why is platelet function testing less prevalent than testing for anticoagulant therapy?
 - a. The risk of overdose-related bleeding is smaller for antiplatelet drugs
 - b. Platelet function testing often requires fresh whole blood
 - c. The dose-response of antiplatelet drugs is predictable
 - d. Platelet function testing is high complexity
 - e. All the above

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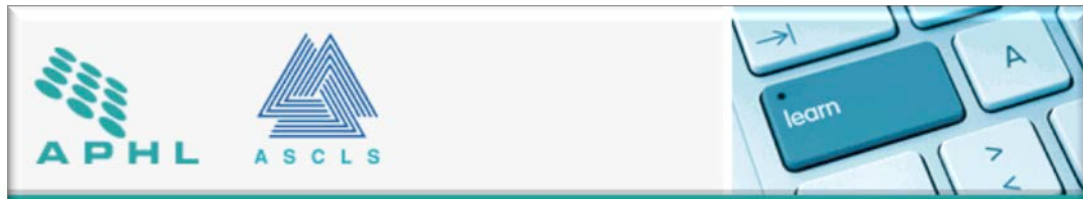
Please circle the most appropriate answers.

1. Is this program used to meet your CE requirements for:
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2. Did these articles achieve their stated objectives?
3. How long did it take you to complete both the reading and the quiz? _____ minutes
4. What subjects would you like to see addressed in the future Focus articles?

Answers

Circle correct answer.

1. a b c d
2. a b c d
3. a b c d
4. a b c d
5. a b c d
6. a b c d
7. a b c d
8. a b c d
9. a b c d
10. a b c d



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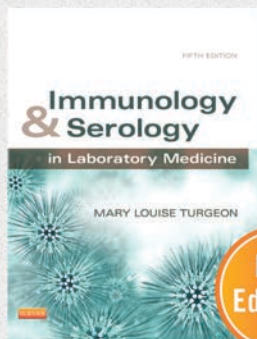
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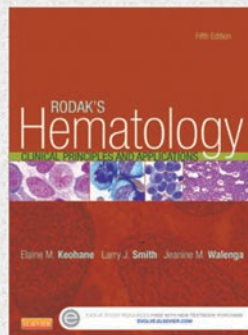
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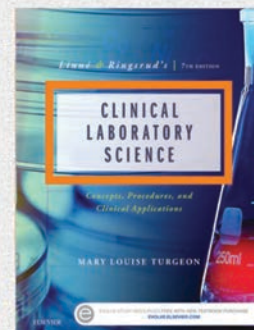
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