1. Progressive cardiac remodeling in patients with AS commonly results in which of the following conditions:
   a. hypertension
   b. wide pulse pressure with low diastolic pressure
   c. hypertrophy of the left ventricle and diastolic dysfunction
d. volume overload of the left ventricle and increased ventricular compliance

2. The nurse caring for a patient after TAVR notes jaundice. Which complication of this procedure may cause this symptom?
   a. paravalvular leak
   b. bleeding
   c. acute kidney injury
   d. pre-existing right bundle branch block

3. Which cardiac dysrhythmia is more commonly associated with late onset strokes following TAVR?
   a. paravalvular leak
   b. atrial fibrillation
   c. rheumatic heart disease
   d. calcification of a congenital bicuspid valve

4. The nurse caring for a patient after TAVR through a transapical approach has an order to maintain the patient’s mean arterial pressure at less than 75 mm Hg. What complication is the provider attempting to avoid?
   a. stroke
   b. bleeding
   c. acute kidney injury
d. paravascular leak

5. What is the most common cause of aortic stenosis in adults?
   a. endocarditis
   b. aortic aneurysm
   c. rheumatic heart disease
   d. calcification of a congenital bicuspid valve

6. Risk factors for requiring permanent pacemaker after TAVR include each of the following EXCEPT:
   a. paravascular leak
   b. left bundle branch block
   c. type of transcatheter heart valve
   d. pre-existing right bundle branch block

7. The nurse caring for a patient after TAVR notes a history of renal insufficiency and should include which intervention in the plan of care?
   a. monitoring hematocrit
   b. preventing hypotension
   c. withholding ACE inhibitors
d. implementing a 1500 mL/day fluid restriction

8. What are the most common symptoms of aortic stenosis?
   a. syncope, angina and dyspnea
   b. hypertension, dyspnea and activity intolerance
c. diastolic dysfunction, complete heart block, and angina
d. left atrial enlargement, tricuspid regurgitation and pulmonary congestion

9. What is the purpose of dual antiplatelet therapy often prescribed following TAVR?
   a. reduce the risk of angina
   b. prevention of atherosclerosis
c. promote myocardial remodeling
d. reduce the risk of thromboembolic events

10. Which access site for TAVR is associated with increased risk of bleeding and requires blood pressure control to maintain mean arterial pressure at less than 75 mm Hg?
    a. transapical
    b. transaortic
    c. femoral artery
d. subclavian or axillary artery

**Evaluation**

1. I can describe the TAVR procedure for aortic stenosis.
   a. strongly agree
   b. agree
c. neutral
d. disagree
e. strongly disagree

2. I can develop a nursing plan of care for patients who have undergone TAVR.
   a. strongly agree
   b. agree
c. neutral
d. disagree
e. strongly disagree

3. I can discuss potential complications associated with TAVR.
   a. strongly agree
   b. agree
c. neutral
d. disagree
e. strongly disagree

4. The objectives relate to the overall goal of the article.
   a. strongly agree
   b. agree
c. neutral
d. disagree
e. strongly disagree

5. The article is well-written and logically organized, and defines terms adequately.
   a. strongly agree
   b. agree
c. neutral
d. disagree
e. strongly disagree

Before November 11, 2015, print this page, complete the multiple choice questions by circling the correct answer and mail or fax to: ADVANCE for Nurses, Learning Scope, 2900 Horizon Dr., King of Prussia, PA 19406; 610-278-1426.

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