

SELF-ASSESSMENT POST-TEST

Treating Bifurcation Coronary Disease

Post-Test CME Questions

1. According to the Medina classification scheme, lesion 0,1,1 means that which of the 3 segments is uninvolved?
 - a. The distal segment of the main branch
 - b. The side branch ostium
 - c. The proximal segment of the main branch
2. The Medina classification scheme is limited because it does not take bifurcation angle into account.
 - a. True
 - b. False
3. Highly angulated lesions are best treated with the crush technique.
 - a. True
 - b. False
4. In the second Nordic Stent Technique Study, in which both main vessel and side branch required stenting, which technique resulted in significantly reduced rates of in-stent restenosis?
 - a. Crush stent
 - b. Culotte stent
 - c. Simultaneous kissing stent
 - d. The results were the same
5. As the metal to artery lumen ratio (also referred to as the metal/artery index) increases, the risk for restenosis _____.
 - a. increases
 - b. decreases
 - c. remains the same
6. Bifurcation angle contributes to which of the following complications?
 - a. Procedural difficulties
 - b. Increased mortality
 - c. Increased rates of major adverse cardiac events
 - d. Higher rates of restenosis
 - e. All of the above
7. A Y-shaped bifurcation angle refers to an angle of what degree?
 - a. $\geq 70^\circ$
 - b. $> 75^\circ$
 - c. $< 70^\circ$
 - d. None of the above
8. In the era of drug-eluting stents, provisional side branch stent placement is preferred over a 2-stent strategy because of lower rates of thrombosis and restenosis.
 - a. True
 - b. False
9. To clarify angiographic ambiguity when evaluating side branch lesions, which modalities should be employed when making the decision to perform further intervention?
 - a. Fractional flow reserve
 - b. Intravascular ultrasound
 - c. Both are useful prior to further intervention
10. The Devax Axxess™ system and the Stentys coronary bifurcation stent are examples of which type of device?
 - a. Dedicated main branch stent
 - b. Dedicated side branch stent
 - c. Dedicated main branch plus side branch stent
 - d. Main branch stent with side branch access port
11. According to the results of 4 major randomized studies (Nordic I, BBK, CACTUS, and BBC One) comparing the 1- versus 2-stent approach, the 2-stent strategy _____ rates of major adverse cardiac events and target lesion revascularization when compared with a 1-stent approach.
 - a. does reduce
 - b. does not reduce
 - c. has no impact on
12. Which technique does not surrender access to the side branch until stents are employed and complete coverage of the side branch ostium is ensured?
 - a. The culotte technique
 - b. The simultaneous kissing stent technique
 - c. The crush technique
 - d. The T-stent technique

EVALUATION FORM

Treating Bifurcation Coronary Disease

To assist us in evaluating the effectiveness of this activity and to make recommendations for future educational offerings, please take a few minutes to complete this evaluation form. **You must complete this evaluation form to receive acknowledgment for completing this activity.**

Please answer the following questions by circling the appropriate rating:

1 = Strongly Disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly Agree

EXTENT TO WHICH PROGRAM ACTIVITIES MET THE IDENTIFIED OBJECTIVES

After completing this activity, I am now better able to:

- | | | | | | |
|---|---|---|---|---|---|
| • Identify the benefits and limitations of the currently used bifurcation lesion classification schemes | 1 | 2 | 3 | 4 | 5 |
| • Define the technical challenges associated with bifurcation lesion treatment | 1 | 2 | 3 | 4 | 5 |
| • Understand the therapeutic concepts of the dedicated bifurcation devices currently under development | 1 | 2 | 3 | 4 | 5 |

OVERALL EFFECTIVENESS OF THE ACTIVITY

The content presented:

- | | | | | | |
|---|---|---|---|---|---|
| • Was timely and will influence how I practice | 1 | 2 | 3 | 4 | 5 |
| • Enhanced my current knowledge base | 1 | 2 | 3 | 4 | 5 |
| • Addressed my most pressing questions | 1 | 2 | 3 | 4 | 5 |
| • Provided new ideas or information I expect to use | 1 | 2 | 3 | 4 | 5 |
| • Addressed competencies identified by my specialty | 1 | 2 | 3 | 4 | 5 |
| • Avoided commercial bias or influence | 1 | 2 | 3 | 4 | 5 |

IMPACT OF THE ACTIVITY

Name one thing you intend to change in your practice as a result of completing this activity:

Please list any topics you would like to see addressed in future educational activities:

Additional comments about this activity:

POST-TEST ANSWER KEY

1__ 2__ 3__ 4__ 5__ 6__ 7__

8__ 9__ 10__ 11__ 12__

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For Physicians Only

I certify my actual time spent to complete this educational activity to be: _____

☐ I participated in the entire activity and claim 2.0 credits. ☐ I participated in only part of the activity and claim _____ credits.

Signature _____ Date _____