



ACTIVITY EVALUATION & POST-TEST

Session Summary on

How the Experts Perform CRT-D Implantations

Heart Rhythm Society appreciates and values your opinions. In order to assist us in evaluating the effectiveness of this program and to make recommendations for future online educational offerings, please take a moment to complete this evaluation form.

You must complete both the Activity Evaluation Form & Post-Test in order to receive acknowledgement of participation in this activity.

Participants must:

- 1) Study the educational program
- 2) Complete the Evaluation Form
- 3) Complete the Post-Test by recording the best answer to each question in the Post-Test Answer Key
- 4) Complete the Request for Credit Area
- 5) Mail or fax **BOTH** the Evaluation Form & Post-Test to the Heart Rhythm Society

Facsimile:

202-464-3401

Address:

Heart Rhythm Society
Attn: Education Dept.
1400 K St, NW
Suite 500
Washington, DC 20005

EVALUATION FORM

How the Experts Perform CRT-D Implantations

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DIRECTIONS: Please select your responses to complete this evaluation form. Your comments and suggestions will aid in the planning future activities.

1) Please rate how well you were able to achieve the activity learning objectives:

A. Discuss two techniques that can be used to cannulate the coronary sinus.

Excellent Good Satisfactory Fair Poor

B. Explain the variables that may impact LV lead placement.

Excellent Good Satisfactory Fair Poor

C. Describe alternatives for improving defibrillation thresholds.

Excellent Good Satisfactory Fair Poor

2) Please rate the relevance of the activity's content to the objectives

Excellent Good Satisfactory Fair Poor

3) Please rate the content and its impact on your practice

Will definitely change the way I practice

Will likely impact the way I practice

Not Sure

Of limited use to my practice

Of no use to my practice

Not Applicable

4) Please rate whether you agree this activity was fair, balanced objective and free of commercial bias. If not please explain:

Excellent Good Satisfactory Fair Poor

5) Do you feel future activities on this subject matter are necessary or important to your practice?

Yes No

Comments/Suggestions for Future Activities

POST-TEST

How the Experts Perform CRT-D Implantations

If you wish to receive acknowledgement of participation in this activity, please complete the Post-Test by selecting the best answer to each question, complete this evaluation and verification of participation, and *fax to: 202-464-3401*

DIRECTIONS: For each of the following questions, select the single most appropriate answer and mark it on the answer form.

- 1) The benefits discussed by Dr Wazni of placing the RV lead prior to cannulation of the coronary sinus included:
 - a. To avoid dislodging the LV lead
 - b. To provide back-up pacing in the right ventricle
 - c. To determine separation between the LV lead and RV lead

- 2) True or False: When removing the coronary sinus catheter you should be moving both of your hands to prevent lead dislodgement.
 - a. True
 - b. False

- 3) When inserting the leads into the header proper care should be given to _____?
 - a. Inserting the lead completely into the header
 - b. Cleaning all blood from the terminal pins
 - c. Placing the terminal pins into the proper lead ports.
 - d. All of the above.

- 4) Options for improving Defibrillation Thresholds (DFTs) discussed, included which of the following:
 - a. Move the RV lead to a new location
 - b. Use a high impedance shocking lead
 - c. Remove the proximal coil from the shocking circuit
 - d. A and C

- 5) True or False: When obtaining venous access for a cardiac resynchronization therapy implant, a single stick is optimal.
 - a. True
 - b. False

- 6) The most important factor affecting the position for the LV lead placement is _____?
- Proper distance between the RV and LV leads
 - Atrial lead placement
 - Available patient anatomy
 - Lead selection
- 7) A technique discussed, but not used in either case, to gain access into the coronary sinus was _____?
- Switch to a right sided approach
 - Use an EP catheter to locate the coronary sinus
 - Use a smaller diameter catheter
 - Epicardial lead placement
- 8) True or False: When evaluating venous anatomy, an AP (Anterior-Posterior) view is sufficient.
- True
 - False
- 9) When Dr Wazni placed the LV lead in a posterior lateral branch which technique was used to facilitate placement?
- Use of an Amplatz curved catheter
 - Use of RAO fluoroscopy views exclusively
 - Sub-select the branch with the CS catheter
 - None of the above
- 10) When diaphragmatic stimulation is present in the left ventricle what is the best option?
- Reposition the LV Lead
 - Test at 5V, if not present should not be a problem
 - Use a larger diameter pacing lead
 - First test other lead configurations

REQUEST FOR CREDIT

Name _____ Degree _____
 Organization _____ Specialty _____
 Address _____
 City / State / Zip _____
 Telephone _____ Fax _____
 Signature _____ Date Completed _____

I certify the actual time I spent to complete this 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.

REMINDER:
Please Fax BOTH the Evaluation Form & CME Post-Test when Complete

Heart Rhythm Society
Attn: Education Dept.
(F) 202-464-3401
