

CARDIAC PACING

STATION TIME IS 5 MINUTES	DATE:	SCHOOL #:
CANDIDATE'S NAME:		START TIME:
__INITIAL COURSE __EQUIVALENCY __RENEWAL __RETEST		END TIME:
VERIFICATION THRU ACLS DATE:		NOTE: Attach copy of ACLS Card

- | | | | |
|---|---|-----|--------------------------------------------------------------------------|
| 0 | 2 | 1 | Simulates placement of EKG leads in Lead 2 configuration |
| 0 | 1 | 2 | 2 Turns monitor on and sets to "Lead 2" |
| 0 | 2 | *3 | Confirms rhythm by looking at monitor (Confirmation must be verbalized) |
| 0 | 1 | 2 | *4 Evaluates need for pacing & informs patient |
| 0 | 2 | 5 | Simulates proper application of pacing pads |
| 0 | 2 | *6 | Sets pacer to the appropriate rate (80 bpm) |
| 0 | 2 | *7 | Performs steps 1 - 6 before step 8 |
| 0 | 2 | *8 | Activates Pacer |
| 0 | 2 | *9 | Adjusts mA until capture obtained (as per manufacturer's recommendation) |
| 0 | 1 | 2 | *10 Evaluates effectiveness of pacing |
| 0 | 2 | *11 | Confirms rhythm by looking at monitor (Confirmation must be verbalized) |

__ Candidate's total Points (minimum passing total: 19 points)	
Absolutes satisfied: __ Yes __ No (Must have at least one point for each step marked with an *)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Examiner:	Cert. No. (If assigned):
NOTE: Course Coordinator OR Course Medical Director Signs if using ACLS Verification	

Documenting Comments:

CARDIAC ELECTRICAL MANAGEMENT: PACING ENHANCED CRITERIA

TIME ALLOWED FOR SKILLS PERFORMANCE - 5 MINUTES

PERFORMANCE OBJECTIVE

Given a patient whose condition meets criteria pacing, the candidate shall, within the allotted station time, demonstrate the proper technique for pacing, using the criteria herein prescribed.

TESTING CONDITIONS

1. The Examiner shall insure that station is conducted as a testing station and **NOT** as a teaching session.
2. The station shall test only the skill of pacing and shall **NOT** be conducted as a part of any other skill or scenario.
3. Candidates shall be examined in private and one candidate at a time.
4. Examiner shall require gloves to be in place before station time begins. Other protective barriers are recommended.

STATION EQUIPMENT

1. Dysrhythmia generator
2. Adult mannequin or simulator that can be paced
3. EKG monitor with pacing capabilities
4. EKG electrodes
5. EKG cables
6. Pacing pads and cables
7. Gloves and protective eyewear
8. Watch or clock with reading in seconds

INSTRUCTIONS TO THE EXAMINER

1. The Course Coordinator, lead Instructor, and Examiner are responsible for insuring the presence of all necessary equipment and also for insuring that all equipment is in working order prior to beginning the test session.
2. The Examiner will **NOT** remove or hide equipment required to complete the skill.
3. Before the test session begins, the candidate shall be allowed to familiarize with the equipment. During this time the Examiner shall answer any questions the candidate has about the equipment.
4. Scenarios must **NOT** be used except as indicated by the criteria.
5. The Examiner shall prompt candidate **ONLY** as indicated by the criteria.
6. The Examiner will provide information regarding the patient's history **ONLY** as indicated in the criteria.
7. The EKG monitor should be properly calibrated to recognize "R" waves.
8. Once a test session has begun, it must be completed within the allotted time with **NO** restart allowed.

9. Station time shall begin immediately after Examiner finishes examination instructions and informs candidate to begin.
10. The Examiner shall record starting and ending times in the appropriate section of the score sheet.
11. Station time shall **NOT** be restarted or extended for any reason.
12. If station time limit is exceeded, Examiner shall end the test, record skill as failure.
13. Sequence errors shall **NOT** be penalized unless specified by the grading criteria.
14. Additional steps not called for in criteria shall **NOT** be penalized as sequence errors.
15. Documentation by narrative is required on all steps awarded a "0" and on all skills failures.
16. Candidate shall **NOT** fail because of Examiner error.

PACING GRADING CRITERIA

Examiner will set arrhythmia generator to generate any bradycardia and will leave it at that setting throughout the station.

1. **Simulates placement of EKG leads in Lead 2 configuration**
 Simulates placement of EKG leads in the following position:
 NEGATIVE ELECTRODE - Right arm or right upper chest
 POSITIVE ELECTRODE - Left leg, left lower chest
 GROUND ELECTRODE - Placement is not critical

 2=Performs above criteria
 0=Does not perform above criteria
2. **Turns on monitor and sets to "Lead 2"**
 2 = Performs above criteria
 1 = Sets to "Lead 1" or "Lead 3"
 0 =Does not turn monitor on
 Sets monitor to "Paddles"
- *3. **Confirms rhythm by looking at monitor (Confirmation must be verbalized)**
 2 = Performs step
 0 = Omits step
- *4. **Evaluates need for pacing & informs patient**
 - a. Informs patient of need to electrically pace patient
 - b. Ensure placement of IV and considers sedation
 - c. Evaluates patient for signs of symptomatic bradycardia (hypotension, altered mental status, shortness of breath, chest pain, diaphoresis, nausea/vomiting)
 2 = Performs all steps
 1 = Omits any part of "b"
 0 = Omits any part of "a" or "c"
5. **Simulates proper application of pacing pads**
 NOTE: According to manufacturer recommendation

- 2 = Performs step
0 = Omits step
- *6. **Sets pacer to the appropriate rate (80 bpm)**
2 = Performs step
0 = Sets cardioverter to an inappropriate level
Omits step
- *7. **Performs steps 1 - 6 before step 8**
2 = Performs step
0 = Omits step
- *8. **Activates pacer**
2 = Performs step
0 = Omits step
- *9 **Adjusts mA until capture obtained (as per manufacturer's recommendation)**
2 = Performs step
0 = Omits step
- *10 **Evaluates effectiveness of pacing**
a. Evaluates mental status
b. Evaluates pulse for mechanical capture
c. Evaluates blood pressure
- 2 = Performs all steps
1 = Omits "a"
0 = Omits "b" or "c"
- *11 **Confirms rhythm by looking at monitor (Confirmation must be verbalized)**
2 = Performs step
0 = Omits step