

# MEGACODE SKILL

(Optional Score Sheet)

STUDENT'S NAME:		DATE:	
_INITIAL COURSE _RENEWAL	SCENARIO #:	SCHOOL #:	
_EQUIVALENCY _RETEST	START TIME:		END TIME:
VERIFICATION THRU ACLS DATE:		<b>NOTE: Attach copy of ACLS Card</b>	

## IDENTIFIES LETHAL ARRHYTHMIAS

- 0      2      1 Identifies Ventricular Fibrillation
- 0      2      2 Identifies Normal Sinus Rhythm
- 0      2      3 Identifies one other arrhythmia Specify:

## UTILIZES EQUIPMENT AND MEDICATIONS FOR APPROPRIATE TREATMENT OF PATIENT

### DEFIBRILLATOR

- 0      2      4 Recognizes need for defibrillation
- 0      2      5 Uses defibrillator correctly
- 0      2      6 Uses correct energy level
- 0      2      7 Performs defibrillation safely

### EPINEPHRINE

- 0      2      8 Recognizes need for Epinephrine
- 0      2      9 Administers at appropriate time
- 0      2      10 Administers correct dosage

### LIDOCAINE

- 0      2      11 Recognizes need for Lidocaine
- 0      2      12 Administers at appropriate time
- 0      2      13 Administers correct dosage

### OXYGEN

- 0      2      14 Recognizes need for Oxygen
- 0      2      15 Administers at appropriate time
- 0      2      16 Administers correct dosage

OTHER Specify:

- |   |   |    |   |
|---|---|----|---|
| 0 | 2 | 17 | Recognizes need for other procedures and/or medications                       |
| 0 | 2 | 18 | Performs procedures and/or administers medications at appropriate time        |
| 0 | 2 | 19 | Performs procedures properly and/or administers correct dosage of medications |

**FUNCTIONS AS TEAM LEADER**

ASSESSMENT OF THE PATIENT

- |   |   |    |  |
|---|---|----|--|
| 0 | 2 | 20 | Does initial evaluation to determine if CPR is necessary   |
| 0 | 2 | 21 | Checks adequacy of artificial ventilation (rise and fall of chest)   |
| 0 | 2 | 22 | Assures correct placement of ET tube (bilateral breath sounds)   |
| 0 | 2 | 23 | Checks for adequate compressions (pulse generated with compressions, correct hand position, compression/relaxation technique) each time CPR is resumed   |
| 0 | 2 | 24 | Checks pulse after each defibrillation attempt or change in rhythm<br><b>Note: During the initial 3 shocks in the scenario the pulse check may be omitted after each of the first 2 shocks unless a change in the rhythm occurs.</b> |
| 0 | 2 | 25 | Checks for spontaneous breathing following return of spontaneous pulse   |

SUPERVISION OF TEAM MEMBERS

- |   |   |    |   |
|---|---|----|---|
| 0 | 2 | 26 | Checks for maintenance of correct CPR (interruptions for maximum of 30 seconds for intubation, defibrillation, or moving the patient and 5 seconds for assessment of spontaneous breathing and pulse) |
| 0 | 2 | 27 | Proper use of adjuncts (depends on scenario)  |

PROBLEM SOLVING (Solve two (2) problems from the following list:

- A. Disconnected oxygen line to bag-valve-mask;
  - B. Endotracheal tube in right mainstem bronchus;
  - C. Synchronizer on during defibrillation attempt;
  - D. IV line delayed or unobtainable;
  - E. Loose electrode.
- |   |   |    |  |
|---|---|----|--|
| 0 | 2 | 28 | Specify problem:___ (Indicate by letter) |
| 0 | 2 | 29 | Specify problem:___ (Indicate by letter) |

Record patient care activities as they occur by time. Identify errors in arrhythmia interpretation or patient care by placing a "\*" in the margin at the point where the error was made.

Time	Actual Rhythm	Student Interpretation	Treatment Given
00 Min.			
01 Min.			
02 Min.			
03 Min.			
04 Min.			
05 Min.			
06 Min.			
07 Min.			
08 Min.			
09 Min.			
10 Min.			
11 Min.			

Absolutes satisfied: <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Examiner:	Cert. No.(if assigned)
<b>NOTE: Course Coordinator OR Course Medical Director Signs if using ACLS Verification</b>	

**Documenting Comments:**

# MEGACODE CRITERIA

Every candidate for Paramedic certification shall demonstrate megacode proficiency through one of the following means:

1. Possession of a valid ACLS card issued within the inclusive dates of the paramedic or paramedic completion course; or
2. Documentation issued by the course medical director based upon scenarios submitted with the course approval documents.

In either case such candidate's proficiency shall be attested to on the CCC.

## PERFORMANCE OBJECTIVE

Given a patient whose condition meets the criteria for megacode intervention, the candidate shall be able to demonstrate proficiency in directing a megacode.

## TESTING CONDITIONS

1. The Examiner shall insure that station is conducted as a testing station and **NOT** as a teaching session.
2. This station is a comprehensive station combining several psychomotor skills. This station shall **NOT** replace the testing of those skills.
3. Candidates shall be tested in private and one candidate at a time.
4. The candidate may have one or more assistants. The assistant(s) can perform those tasks they are directed to perform. Non-candidates or previously tested candidates **MUST** be used as the assistants. The Examiner shall **NOT** be used as an assistant.
5. Assistant(s) shall **NOT** "cue" the candidate.
6. The scenario(s) will be based on protocol established by the course physician and course coordinator and shall have been submitted as part of the course approval application documents.
7. Examiner shall require gloves and protective eyewear to be in place before station time begins. Other protective barriers are recommended.

## STATION EQUIPMENT

1. Adult intubation mannequin, I.V. arm, and CPR mannequin or a combination mannequin adult mannequin that can be defibrillated
2. EKG monitor/defibrillator
3. I.V. equipment and solution
4. Intubation equipment and appropriate size tube
5. Appropriate medications
6. Gloves and protective eyewear
7. Rhythm generator
8. Watch or clock with reading in seconds
9. Other equipment appropriate to protocol

## GUIDELINES FOR MEGACODE STATION

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 should be allowed to familiarize with the equipment. During this time the Examiner should answer any questions the candidate has about the equipment.
4. **ONLY** scenarios approved with the course application are to be used.
5. The use of the Department provided score sheet is optional. Course medical directors choosing to use another scoring method shall include it with the scenarios submitted with the course approval documents.
6. Course medical directors shall specify which steps in the scenarios are to be absolutes.
7. The Examiner shall prompt candidate **ONLY** as indicated by the criteria.
8. Once a test session has begun, it must be completed within the allotted station time. Restarts, if allowed by the scenario, will **NOT** increase the allotted station time.
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 scenario.
14. Additional steps not called for in the scenario shall **NOT** be penalized as sequence errors.
15. It is encouraged that two or more Examiners be utilized for conducting the megacode station.
16. Use of certified Examiners who are also ACLS instructors is encouraged.
17. The use of optional equipment and/or medications in steps 17-19 shall be documented in the comments section. If more than one optional piece of equipment and/or medication is used, each shall be documented and scored separately in the comments section.
18. Documentation by narrative is required on all steps awarded a "0" and on all skills failures.
19. Candidate shall **NOT** fail because of Examiner or assistant error.