HeartCode Advanced Cardiovascular Life Support (ACLS) Online; Enduring Web Course

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DESCRIPTION:
HeartCode® ACLS is a self-directed, comprehensive eLearning program that uses eSimulation technology to allow students to assess and treat patients in virtual healthcare settings. To enter the course, students must complete a precourse self-assessment (passing is 70% or better). Students will then be presented with a team dynamics lesson and 10 In-hospital patient cases (passing is 70% or better). The cases may be repeated as many times as necessary to pass. Upon successful completion of all the patient cases, students will take a multiple choice exam and must pass with a minimum score of 84%. There are a variety of additional videos as well as the ACLS Provider Manual and the 2015 Handbook of Emergency Cardiovascular Care to enhance learning and facilitate successful completion of the patient cases.

LEARNING OBJECTIVES:
At the conclusion, participants should be able to:
1) Apply the “BLS, Primary and Secondary Assessments” sequence for a systematic evaluation of adult patients.
2) Perform prompt, high-quality BLS including prioritizing early chest compressions and integrating early AED use
3) Recognize respiratory arrest
4) Perform early management of respiratory arrest
5) Discuss early recognition and management of acute coronary syndromes including appropriate disposition
6) Discuss early recognition and management of stroke including appropriate disposition
7) Recognize bradycardiac rhythms and tachycardiac rhythms that may result in cardiac arrest or complicate resuscitation outcome
8) Perform early management of bradycardiac rhythms and tachycardiac rhythms that may result in cardiac arrest or complicate resuscitation outcome
9) Recognize cardiac arrest
10) Perform early management of cardiac arrest until termination of resuscitation or transfer of care, including immediate post-cardiac arrest care
11) Evaluate resuscitative efforts during a cardiac arrest through continuous assessment of CPR quality, monitoring the patient’s physiologic response and delivering real-time feedback to the team.
12) Model effective communication as a member or leader of a resuscitation team
13) Recognize the impact of team dynamics on overall team performance
14) Discuss how the use of a rapid response team (RRT) or medical emergency team (MET) may improve patient outcomes
15) Define systems of care
DISCLOSURE STATEMENT

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TARGET AUDIENCES:
Primary Audience:
1) EMS
2) Physicians
3) Physician Assistants
4) Nurse Practitioners
5) Nurses

ADA STATEMENT:
The American Heart Association does not provide advice to Training Centers on ADA requirements or any other laws, rules or regulations. Training Centers must determine accommodations necessary to comply with applicable laws. AHA recommends consultation with legal counsel. Core curriculum change requests for accessibility purposes must be scientifically based and approved in advance in writing by the AHA ECC Science & Product Development department; otherwise a student must be able to successfully perform all course requirements (skills and written tests as indicated) to receive a course completion card. Reasonable accommodations may be made, such as placing the manikin on a table at the height necessary for wheelchair-bound individuals. However the skills must be satisfactorily completed during the testing sessions. Guidelines for accommodating students with special needs or disabilities may be found in the Program Administration Manual.