STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

BLS 12 LEAD ECG ACQUISITION AND TRANSMISSION EDUCATION COMPETENCIES
December 18, 2014

At the end of the end of the program, the student will be able to:

Cognitive Domain:

Analyze the purpose of 12 lead ECG acquisitions in patients experiencing signs and symptoms of acute coronary syndrome.

Discuss five or more indications for the acquisition and transmission of a 12 lead ECG per AHA guidelines and local guidelines.

Recognize the importance for anatomically consistent and proper 12 lead ECG lead placement.

Discuss the procedure for transmission of acquired 12 Lead ECG per local protocol and device specific attributes.

Explain the proper procedure for the acquisition of a 12 lead ECG per program guidelines.

List four causes of low quality ECG recordings and identify the appropriate corrective actions for each, as recommended per class instruction (or manufacturer guidelines).

Formulate effective plans to manage patients' anatomical variations which may interfere with ECG placement in 3 given scenarios.

Affective:

Appreciate the impact of early acquisition and transmission of ECG's on patient outcomes in the management of Acute Coronary Syndromes.

Value the importance of the acquisition and transmission of ECG's in improving outcomes in the system of care for acute coronary syndrome, per AHA recommendations and program guidelines.

Psychomotor:

Perform proper limb and chest lead placement on three simulated patients for the acquisition of a clear 12 lead ECG.

Propose solutions to barriers that arise which can prevent proper 12 lead ECG acquisitions in three given scenarios.

In response to acquired 12 lead ECG and physician direction, the student will verbalize a proper destination decision according to the locally approved guideline.

In response to presented case scenario, the student will correct a circumstance/problem which impedes the clear quality of the 12 lead ECG.

In response to acquired 12 lead ECG, the student will demonstrate the process identified in local protocols for transmission.