

HOSA Health Care Team Event: Cardiac Arrest Scenario

You will be tasked with the emergently caring for a 65 y/o gentleman that you find in cardiac arrest. You will need to properly initiate CPR, give medications and use an AED to have a return of pulses.

There is a twenty point checklist, a PDF regarding adult cardiac arrest and a video to help guide you through a properly run scenario.

Teams will need to include the following disciplines. Each student will need to know the role of each discipline prior to the competition at the SLC. They will draw their specific role for the scenario. Scenarios will change from year to year.

Team Leader:

- The conductor normally remains “hands off,” he/she manages all of the participating disciplines. Team leader orders medications and critical actions such as CPR and AED use. Maintains control of the situation. A good leader will not only give feedback to the team, such as increasing the speed or depth of compressions, they also ask for input from them, for example, “does anyone have any other ideas?”

Nurse 1 & 2:

- Confirms and administers medications, helps with CPR, uses the AED, documents what and when critical events took place. Reminds the team when actions need to be taken.

Respiratory Therapy:

- Primarily is in control of the airway. Inserts oral or nasopharyngeal airways, is proficient with a bag valve mask, suctions patient as needed and helps with CPR.

Pharmacy:

- Pulls and prepares medications for use. Often times having the medications prepared before they are ordered. Epinephrine 1mg and Amiodarone 300mg.

Scope:

- 1) Teams will watch a scenario months in advance
- 2) Teams identify and familiarize roles on the team (Nurse, RT, Pharmacy, Physician)
- 3) Teams will practice the scenario in preparation of competition
- 4) Teams take a Round 1 test
- 5) Teams compete in Round 2 scenario

**More information can be found here: <http://sdhosa.org/IPE-and-the-health-care-team-event>*

