**Resuscitation and Use of the AED**

From Brady’s First Responder (8th Edition)

63 Questions

[1.](mailto:rfquestion@disisit.com?subject=RESPOND8.394) What is the minimum age you should use an AED on?  
p. 235

A.) *Three years*B.) *Seven years*C.) *Five years*\*D.) *One year*

[2.](mailto:rfquestion@disisit.com?subject=RESPOND8.401) Which is a common feature when operating a semi-automated  
defibrillator?  
p. 239

A.) *A button must be pushed to begin the analysis phase*B.) *All four leads must be placed on the patient's chest*C.) *Adhesive jelly must be applied under the pads*\*D.) *Operator must push a button to deliver the shock*

[3.](mailto:rfquestion@disisit.com?subject=RESPOND8.352) Which is NOT a correct statement about performing CPR on  
an adult patient?  
p. 213

\*A.) *Keep your elbows slightly bent to avoid fatigue*B.) *Keep your fingers off the chest*C.) *Keep the heels of both hands parallel to each other*D.) *Position your shoulders over your hands*

[4.](mailto:rfquestion@disisit.com?subject=RESPOND8.349) What is the minimum amount of time you should spend  
assessing breathing?  
p. 210

\*A.) *5 seconds*B.) *20 seconds*C.) *10 seconds*D.) *15 seconds*

[5.](mailto:rfquestion@disisit.com?subject=RESPOND8.342) What is at the center of the circulatory system?  
p. 207

A.) *Arteries*B.) *Brain*C.) *Blood*\*D.) *Heart*

[6.](mailto:rfquestion@disisit.com?subject=RESPOND8.378) What may result if you place your hands too high during  
CPR compressions?  
p. 227

A.) *Damage internal organs*B.) *Damage the lungs*\*C.) *Damage the collarbones*D.) *Fracture the ribs*

[7.](mailto:rfquestion@disisit.com?subject=RESPOND8.398) What should you do if you are alone and have a fully  
automated defibrillator to use?  
p. 237

A.) *Contact and wait for EMS to arrive*\*B.) *Attach the AED without starting CPR*C.) *Begin CPR on the patient*D.) *Begin CPR while a bystander readies the AED*

[8.](mailto:rfquestion@disisit.com?subject=RESPOND8.369) How many more compressions should be given before  
switching places during two-rescuer CPR?  
p. 223

\*A.) *30*B.) *15*C.) *25*D.) *20*

[9.](mailto:rfquestion@disisit.com?subject=RESPOND8.353) How far down should compressions be made for a child  
patient when performing CPR?  
p. 213

A.) *One-fourth to one-half the depth of the chest*\*B.) *One-third to one-half the depth of the chest*C.) *One-half to two-thirds the depth of the chest*D.) *Two-thirds to three-fourths the depth of the chest*

[10.](mailto:rfquestion@disisit.com?subject=RESPOND8.363) How much should the adult patient's chest be compressed  
during CPR?  
p. 219

A.) *2 to 2.5 inches (5.0 cm to 6.4 cm)*B.) *2.5 to 3 inches (6.4 cm to 7.6 cm)*C.) *1 to 1.5 inches (2.5 cm to 3.8 cm)*\*D.) *1.5 to 2 inches (3.8 cm to 5.0 cm)*

[11.](mailto:rfquestion@disisit.com?subject=RESPOND8.397) Which of the following is correct placement of an AED pad?  
p. 236

A.) *Patient's lower right chest below the collarbone*B.) *Patient's lower left chest below the collarbone*\*C.) *Patient's upper right chest below the collarbone*D.) *Patient's upper left chest below the collarbone*

[12.](mailto:rfquestion@disisit.com?subject=RESPOND8.351) Which part of the hand should be placed on the patient's  
bare chest between the nipples when performing CPR?  
p. 211

A.) *Palm*\*B.) *Heel*C.) *Backside*D.) *Fingertips*

[13.](mailto:rfquestion@disisit.com?subject=RESPOND8.390) Which AED is recommended for Emergency Medical Responders  
for safety reasons?  
p. 232

A.) *Manual*B.) *Semi-manual*C.) *Fully automated*\*D.) *Semi-automated*

[14.](mailto:rfquestion@disisit.com?subject=RESPOND8.358) When ventilating an elderly patient, what can be used to  
determine the effectiveness of your efforts?  
p. 215

A.) *Rib movement*B.) *Chest movement*C.) *Throat movement*\*D.) *Abdomen movement*

[15.](mailto:rfquestion@disisit.com?subject=RESPOND8.381) By which avenue will excess air move into the stomach from  
the lungs?  
p. 227

A.) *Bronchioles*B.) *Trachea*\*C.) *Esophagus*D.) *Larynx*

[16.](mailto:rfquestion@disisit.com?subject=RESPOND8.388) What will the emergency department staff do before  
declaring biological death of a cold-water drowning   
victim?  
p. 231

A.) *Rewarm the patient adequately*B.) *Attempt to revive the patient*\*C.) *Rewarm the patient and attempt to revive them*D.) *Rewarm the patient, attempt to revive them and hydrate them*

[17.](mailto:rfquestion@disisit.com?subject=RESPOND8.403) What do most problems with defibrillator operations  
involve?  
p. 239

A.) *Poor power source*B.) *Cables that are too short*C.) *Number of available leads*\*D.) *Poor attachment of the pads*

[18.](mailto:rfquestion@disisit.com?subject=RESPOND8.379) Which statement about how to deliver effective CPR to all  
patients is NOT correct?  
p. 227

A.) *Compress smoothly and to the proper depth*B.) *Place the patient supine on a hard surface*C.) *Maintain an open airway with the appropriate technique*\*D.) *During ventilations, watch for the abdomen to rise and fall*

[19.](mailto:rfquestion@disisit.com?subject=RESPOND8.344) What is the first sign you would check for when assessing  
if a patient is in cardiac arrest?  
p. 208

A.) *No pulse*\*B.) *Unresponsive*C.) *No breathing*D.) *Flushed skin color*

[20.](mailto:rfquestion@disisit.com?subject=RESPOND8.348) How should the patient be positioned to start CPR?  
p. 210

A.) *On her right side*B.) *On her stomach*C.) *On her left side*\*D.) *On her back*

[21.](mailto:rfquestion@disisit.com?subject=RESPOND8.366) What is the first thing you should do when you arrive on  
the scene and a rescuer is performing CPR?  
p. 220

A.) *Begin ventilating the patient*B.) *Begin chest compressions*C.) *Get in position next to the patient*\*D.) *Identify yourself*

[22.](mailto:rfquestion@disisit.com?subject=RESPOND8.367) Which rescuer should count aloud when performing  
two-rescuer CPR?  
p. 221

A.) *Both*B.) *Ventilator*C.) *Neither*\*D.) *Compressor*

[23.](mailto:rfquestion@disisit.com?subject=RESPOND8.372) What is the breaths to seconds ratio for an infant?  
p. 224

\*A.) *One breath every 3 to 5 seconds*B.) *One breath every 5 to 7 seconds*C.) *One breath every 1 to 3 seconds*D.) *One breath every 7 to 9 seconds*

[24.](mailto:rfquestion@disisit.com?subject=RESPOND8.376) Which infant would require chest compressions despite a  
pulse being present?  
p. 226

A.) *75 beats per minute*B.) *85 beats per minute*\*C.) *55 beats per minute*D.) *65 beats per minute*

[25.](mailto:rfquestion@disisit.com?subject=RESPOND8.382) Which injury should prevent you from starting CPR on a  
trauma patient?  
p. 229

A.) *Spinal cord injury*B.) *Chest crush injury*C.) *Facial injury*\*D.) *No injury should delay CPR*

[26.](mailto:rfquestion@disisit.com?subject=RESPOND8.385) What is the minimum amount of time you should take when  
assessing pulse and breathing of a hypothermic patient?  
p. 230

A.) *2 minutes*B.) *2 1/2 minutes*\*C.) *1 minute*D.) *1 1/2 minutes*

[27.](mailto:rfquestion@disisit.com?subject=RESPOND8.359) How many compressions per minute should be delivered  
during CPR?  
p. 215

A.) *50*B.) *30*C.) *80*\*D.) *100*

[28.](mailto:rfquestion@disisit.com?subject=RESPOND8.402) How many shocks will the semi-automated defibrillator  
deliver at a time?  
p. 239

A.) *Three*B.) *Two*C.) *Four*\*D.) *One*

[29.](mailto:rfquestion@disisit.com?subject=RESPOND8.377) What is the cause of cardiac arrest in a majority of  
pediatric patients?  
p. 226

A.) *Aneurism*\*B.) *Respiratory failure*C.) *Kidney failure*D.) *Stroke*

[30.](mailto:rfquestion@disisit.com?subject=RESPOND8.361) Which pulse should you be able to feel during chest  
compressions if you are performing CPR correctly?  
p. 216

\*A.) *Carotid*B.) *Brachial*C.) *Femoral*D.) *Radial*

[31.](mailto:rfquestion@disisit.com?subject=RESPOND8.354) Where should you bend from when performing CPR for greater  
effectiveness?  
p. 213-214

\*A.) *From the hips*B.) *From the elbows*C.) *From the knees*D.) *From the shoulders*

[32.](mailto:rfquestion@disisit.com?subject=RESPOND8.373) How far below the nipple line should compressions occur  
during CPR on an infant?  
p. 225

\*A.) *One finger width*B.) *Four finger widths*C.) *Three finger widths*D.) *Two finger widths*

[33.](mailto:rfquestion@disisit.com?subject=RESPOND8.365) How long should you give rescue support for an infant or  
child before leaving to call 9-1-1 when CPR is needed?  
p. 220

A.) *Four minutes*\*B.) *Two minutes*C.) *One minute*D.) *Three minutes*

[34.](mailto:rfquestion@disisit.com?subject=RESPOND8.389) Which of the following providers carry manual  
defibrillators?  
p. 232

A.) *BLS*B.) *EMT*C.) *EMR*\*D.) *ALS*

[35.](mailto:rfquestion@disisit.com?subject=RESPOND8.374) Which part of the hand is used for compressions on the  
infant?  
p. 225

\*A.) *Thumb*B.) *Palm*C.) *Heel*D.) *Fingertips*

[36.](mailto:rfquestion@disisit.com?subject=RESPOND8.356) After how many chest compressions should two breaths be  
given?  
p. 214

A.) *40*\*B.) *30*C.) *35*D.) *45*

[37.](mailto:rfquestion@disisit.com?subject=RESPOND8.400) What will the automated defibrillator do when there is a  
nonshockable heart rhythm?  
p. 238

A.) *Increase the power*B.) *Turn off completely*\*C.) *Advise you begin CPR*D.) *Shock the heart again*

[38.](mailto:rfquestion@disisit.com?subject=RESPOND8.380) What cartilage can be separated after the first few chest  
compressions on an adult patient be when you are in the   
correct position?  
p. 227

A.) *That connects the ribs to the shoulder*B.) *That connects the ribs to the collarbone*C.) *That connects the ribs to the spine*\*D.) *That connects the ribs to the sternum*

[39.](mailto:rfquestion@disisit.com?subject=RESPOND8.386) Which may be started on a near-drowning patient while in  
the water?  
p. 230

\*A.) *Ventilations only*B.) *Neither ventilations nor compressions*C.) *Compressions only*D.) *Both ventilations and compressions*

[40.](mailto:rfquestion@disisit.com?subject=RESPOND8.395) Which basic warning about use of the AED is NOT correct?  
p. 235

\*A.) *Make sure the chest is lubricated before placing the leads*B.) *Only place the AED on a patient who is over one year old,  
unresponsive, pulseless and not breathing*C.) *Make certain no one is touching the patient during the  
analyze or shock phases*D.) *Do not attempt to defibrillate a patient who is lying in a  
puddle of water*

[41.](mailto:rfquestion@disisit.com?subject=RESPOND8.396) Which statement is NOT correct when deciding if a patient  
is a candidate for an AED?  
p. 236

A.) *Be unresponsive*\*B.) *Be older than three years*C.) *Have no respirations*D.) *Have no carotid pulse*

[42.](mailto:rfquestion@disisit.com?subject=RESPOND8.362) What should be used when performing CPR on an infant?  
p. 217

\*A.) *Two fingers*B.) *One finger*C.) *Two hands*D.) *One hand*

[43.](mailto:rfquestion@disisit.com?subject=RESPOND8.383) Which part of the body should be used to move an adult  
patient when a spine injury is suspected?  
p. 229

A.) *Chest*B.) *Legs*\*C.) *Forearms*D.) *Hands*

[44.](mailto:rfquestion@disisit.com?subject=RESPOND8.345) After approximately what amount of time after breathing  
and pulse have stopped will the brain damage be   
irreversible?  
p. 208

A.) *20 minutes*B.) *25 minutes*\*C.) *10 minutes*D.) *15 minutes*

[45.](mailto:rfquestion@disisit.com?subject=RESPOND8.347) What can be done if no barrier device is available and CPR  
is needed?  
p. 209

A.) *Wait for EMS to arrive*B.) *Cup the hand over the mouth*\*C.) *Do compressions only*D.) *Roll the patient after compressions*

[46.](mailto:rfquestion@disisit.com?subject=RESPOND8.368) Approximately how long should it take to change positions  
during two-rescuer CPR?  
p. 221

A.) *20 seconds*B.) *10 seconds*\*C.) *5 seconds*D.) *15 seconds*

[47.](mailto:rfquestion@disisit.com?subject=RESPOND8.350) Where should the rescuer place himself when starting CPR?  
p. 211

A.) *Straddling the patient near his waist*B.) *At the patient's side near his waist*C.) *Straddling the patient near his abdomen*\*D.) *At the patient's side near his shoulder*

[48.](mailto:rfquestion@disisit.com?subject=RESPOND8.371) Into what position should you place the infant if she is  
breathing?  
p. 224

A.) *Semi-sitting*B.) *Prone*\*C.) *Recovery*D.) *Supine*

[49.](mailto:rfquestion@disisit.com?subject=RESPOND8.399) How long will current automated AED pause after shocking  
to allow for CPR?  
p. 238

A.) *Three minutes*B.) *Four minutes*\*C.) *Two minutes*D.) *One minute*

[50.](mailto:rfquestion@disisit.com?subject=RESPOND8.384) How much time is the maximum CPR should be interrupted  
when a patient must be moved?  
p. 229

A.) *60 seconds*B.) *15 seconds*C.) *45 seconds*\*D.) *30 seconds*

[51.](mailto:rfquestion@disisit.com?subject=RESPOND8.360) What is the maximum amount of time you should interrupt  
chest compressions once CPR has been started?  
p. 215

A.) *5 seconds*B.) *15 seconds*\*C.) *10 seconds*D.) *20 seconds*

[52.](mailto:rfquestion@disisit.com?subject=RESPOND8.343) In what amount of time is the oxygen supply remaining in  
the brain used up when the heart stops beating?  
p. 207

A.) *Three to five minutes*B.) *Two to four minutes*C.) *Five to seven minutes*\*D.) *Four to six minutes*

[53.](mailto:rfquestion@disisit.com?subject=RESPOND8.355) Which is the correct ratio when performing CPR?  
p. 214

\*A.) *50% compression and 50% release*B.) *70% compression and 30% release*C.) *60% compression and 40% release*D.) *40% compression and 60% release*

[54.](mailto:rfquestion@disisit.com?subject=RESPOND8.404) How often do most AEDs run a self-diagnostic check?  
p. 240

A.) *12 hours*\*B.) *24 hours*C.) *48 hours*D.) *36 hours*

[55.](mailto:rfquestion@disisit.com?subject=RESPOND8.375) Which part of the infant's body should you tap when  
determining responsiveness?  
p. 226

A.) *Head*\*B.) *Bottom of the feet*C.) *Shoulder*D.) *Side of the legs*

[56.](mailto:rfquestion@disisit.com?subject=RESPOND8.391) What is the most common cause of fibrillation?  
p. 232

A.) *Stroke*\*B.) *Heart attack*C.) *Shock*D.) *Respiratory arrest*

[57.](mailto:rfquestion@disisit.com?subject=RESPOND8.341) Which of the following is NOT in the chain of survival?  
p. 206-207

A.) *Early medication*\*B.) *Early access to EMS*C.) *Early defibrillation*D.) *Early CPR*

[58.](mailto:rfquestion@disisit.com?subject=RESPOND8.364) When performing CPR as a single rescuer after how many  
cycles is it recommended you switch with another rescuer?  
p. 220

A.) *5 cycles of 100 compressions*B.) *6 of cycles of 100 compressions*\*C.) *5 cycles of 30 compressions*D.) *6 cycles of 30 compressions*

[59.](mailto:rfquestion@disisit.com?subject=RESPOND8.357) Which is the preferred position when ventilating a patient  
who has a pulse?  
p. 215

A.) *Adjunct*B.) *Lateral*\*C.) *Cephalic*D.) *Dorsal*

[60.](mailto:rfquestion@disisit.com?subject=RESPOND8.370) Where should a towel be placed to assist in keeping the  
infant's head in a neutral position?  
p. 223

\*A.) *Under the shoulders*B.) *Around the neck*C.) *Along the side*D.) *Over the face*

[61.](mailto:rfquestion@disisit.com?subject=RESPOND8.392) In which situation will an AED be ineffective?  
p. 233

A.) *Ventricular tachycardia*B.) *V-tach*\*C.) *Asystole*D.) *V-fib*

[62.](mailto:rfquestion@disisit.com?subject=RESPOND8.393) When the patient receives an AED shock within what time  
period will survival be more likely?  
p. 234

\*A.) *Three to five minutes from collapse*B.) *Seven to ten minutes of rescuer arrival*C.) *Seven to ten minutes from collapse*D.) *Three to five minutes of rescuer arrival*

[63.](mailto:rfquestion@disisit.com?subject=RESPOND8.387) Which of the following is NOT a reason to deny a patient  
CPR care?  
p. 230

A.) *Pooling of blood*B.) *Responsible physician at the scene*C.) *Muscle rigidity*\*D.) *Family members say so*