



AHA CPR GUIDELINES UPDATE 2015



HIGH QUALITY CPR (ADULTS) GUIDELINES FOR BLS PROVIDERS

RECOGNITION OF CARDIAC ARREST

- CHECK FOR RESPONSIVENESS
- NO BREATHING OR ONLY BREATHING
- NO DEFINITE PULSE FELT WITHIN 10 SECONDS



01

ACTIVATION OF EMERGENCY RESPONSE SYSTEM

- IF YOU ARE ALONE WITH NO MOBILE PHONE, LEAVE THE VICTIM TO ACTIVATE THE EMERGENCY RESPONSE SYSTEM AND GET THE AED BEFORE BEGINNING CPR
- OTHERWISE, SEND SOMEONE AND BEGIN CPR IMMEDIATELY; USE THE AED AS SOON AS IT IS AVAILABLE

02



COMPRESSION-VENTILATION RATIO WITHOUT ADVANCED AIRWAY

1 OR 2 RESCUERS=30:2



03

COMPRESSION-VENTILATION RATIO WITH ADVANCED AIRWAY

- CONTINUOUS COMPRESSIONS AT A RATE OF 100-120 PER MINUTE
- GIVE 1 BREATH EVERY 6 SECONDS (10 BREATHS PER MINUTE)

04



COMPRESSION RATE

100-120 COMPRESSIONS PER MINUTE



05

06



HAND PLACEMENT

2 HANDS ON THE LOWER HALF OF THE BRESTBONE (STERNUM)

COMPRESSION DEPTH

AT LEAST 2 INCHES (5 CM)



07

08



CHEST RECOIL

ALLOW FULL RECOIL OF CHEST AFTER EACH COMPRESSION

MINIMIZING INTERRUPTIONS

- LIMIT INTERRUPTIONS IN THE CHEST COMPRESSIONS TO LESS THAN 10 SECONDS



09

DO'S AND DONT'S OF HIGH QUALITY CPR (ADULTS)



RESCUERS SHOULD

- PERFORM CHEST COMPRESSIONS AT A RATE OF 100-120 COMPRESSIONS PER MINUTE
- COMPRESS TO A DEPTH OF AT LEAST 2 INCHES
- ALLOW FULL RECOIL AFTER EACH COMPRESSION
- MINIMIZE PAUSES IN COMPRESSIONS
- VENTILATE ADEQUATELY

RESCUERS SHOULD NOT

- COMPRESS AT A RATE SLOWER THAN 100 COMPRESSIONS PER MINUTE OR FASTER THAN 120 COMPRESSIONS PER MINUTE
- COMPRESS TO A DEPTH OF LESS THAN 2 INCHES OR GREATER THAN 2.4 INCHES
- LEAN ON THE CHEST BETWEEN COMPRESSIONS
- INTERRUPT COMPRESSIONS FOR GREATER THAN 10 SECONDS
- PROVIDE EXCESSIVE VENTILATION



Sources:

<http://eccguidelines.heart.org/wp-content/uploads/2015/10/2015-AHA-Guidelines-Highlights-English.pdf>

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American Heart Association

The logo of the American Heart Association, featuring a red heart with a white caduceus (a staff with two snakes) inside it, positioned to the right of the text.

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latest resuscitation science and treatment information including algorithms protocols sequences and drug dosage information for patient care It is often included on hospital crash carts and is accessed frequently in the field by first responders

Adult and Paediatric Basic Life Support Ana Laura Vallejo, Jose Viguera, 2016-10-30 CARDIAC ARREST is a health problem of the first magnitude so that this document includes the main issues and changes updating the guidelines of the American Heart Association AHA for cardiopulmonary resuscitation CPR and Emergency Cardiovascular Emergency ACE 2015 It has been developed with the aim that those responsible for resuscitation and AHA instructors have a guide quick reference that provides the basis for these recommendations

American Heart Association guidelines for cardiopulmonary resuscitation and emergency cardiovascular care American Heart Association, 2005 *2005: American Heart Association guidelines for CPR and ECC/ American Heart Association*, 2005

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