

HEALTHCARE PROVIDER - Standard AHA CPR Course

Using 2010 guidelines

CPR Chart

Criteria	Adult	Child	Infant
AGE (YEARS)	Adolescent (12 to 14) and older	1 to Adolescent	Under 1 year of age
Compression Rate	Greater than 100/min	Greater than 100/min	Greater than 100/min
Compression Depth	At Least 2" (5 cm)	At Least 1/3 the depth of the chest. Approx. 2 inches (5 cm)	1/3 the depth of the chest. Approx. 1 1/2 inches (4 cm)
Hand Placement on Sternum	2 hands over lower 1/2	1 hand over lower 1/2	2 fingers just below nipple line
CPR Ratio	1&2 Man 30/2	1 man 30/2 2 man 15/2	1 man 30/2 2 man 15/2
Rescue Breathing	1 every 5 to 6 sec (10 to 12/min)	1 every 3 to 5 sec. (12 to 20/min)	1 every 3 to 5 sec. (12 to 20/min)
Pulse Location	Carotid	Carotid	Brachial or Femoral
Get Help (General Rule)	Right away	After 2 min	After 2 min
Re-Assess Victim	After 2 min	After 2 min	After 2 min

- ⊕ If advanced airway (intubated, LMA, CombiTube) is placed do not have to synchronize compressions and ventilations.
- ⊕ Start with RESPONSIVENESS then CAB.
- ⊕ Conscious Choking if over 1 year of age do just like adult - abdominal thrust in and up motion from behind.
- ⊕ Conscious Choking less than 1 year of age - deliver 5 back blows (back slaps new term) and 5 chest thrust.
- ⊕ Unconscious Choking over 1 year of age - treat like a cardiac arrest but just prior to ventilations look for obstruction.
- ⊕ Unconscious Choking less than 1 year of age - treat like a cardiac arrest but just prior to ventilations look for obstruction.
- ⊕ Never sweep an unconscious adult, child or infant for an object if you cannot see it.
- ⊕ AHA Chain of Survival for adults - early help, early CPR, early defibrillation, early advanced care.
- ⊕ AHA Chain of Survival for pediatrics - prevention, CPR, help, advanced care.

-----Basic AHA CPR "above this line"-----Specialty neonatal CPR "below this line"-----

Neonate / Newborn CPR Chart (days old/just born). The following chart is not a part of a standard AHA CPR course. This information should have been obtained during your EMT-Basic training or while taking a neonatal CPR class. More information will be provided in the paramedic course during the newborn and pediatric chapters as well as during the Pediatric Advanced Life Support (PALS) portion of the course.

IF NOT LISTED IN THIS CHART THAN IT IS THE SAME AS INFANT AS LISTED ABOVE.	
Age	For this course just born - days old
Rescue Breathing	Rate of 40 to 60 per minute
Start Compression	For this course - Less than 60 BPM and look dead
Compression Depth	1/2 to 3/4 inch
Compression Rate	120 functions per minute (90 compression and 30 ventilation)
Compression/Ventilation Ratio - 1 & 2 Rescuers	3 compressions to 1 ventilation