


Section: ALS Quick Reference Guides
Subject: COMPRESSIONS-VENTILATIONS GUIDE
Section #: 347.06
Issue Date: December 1, 2017
Revision Date:
Approved By: 

Page 1 of 1

Michael Lozano, Jr., M.D., HCFR Medical Director

Component	Adults and Adolescents	Children (Age 1 Year to Puberty)	Infants (less than 1 year, excluding newborns)
Recognition of Cardiac Arrest	Check for responsiveness No breathing or only gasping (no normal breathing) No definite pulse felt within 10 seconds (Breathing and pulse check can be performed simultaneously in less than 10 seconds)		
Compression-ventilation ratio <i>without advanced airway</i>	1 or 2 rescuers 30:2	1 rescuer 30:2 2 or more rescuers 15:2	
Compression-ventilation ratio <i>with advanced airway</i>	Continuous compressions at a rate of 100-120/min Give 1 breath every 6 seconds (10 breaths/min)		
Compression rate	100-120/min		
Compression depth	At least 2 inches but no more than 2.4 inches	At least one third the AP diameter of the chest (about 2 inches)	At least one third the AP diameter of the chest (about 1½ inches)
Hand placement	2 hands on the lower half of the sternum	2 hands of 1 hand (optional for a small child) on the lower half of the sternum	1 rescuer 2 fingers in center of chest, just below nipple line 2 rescuers 2 thumb-encircling chest, with thumbs just below nipple line
Chest recoil	Allow full recoil of chest after each compression Do not lean on the chest after each compression		
Minimize interruptions	Limit all interruptions in compressions to less than 10 seconds		