

Maneuver	Adult Lay rescuer: ≥ 8 years HCP: Adolescent and older	Child Lay rescuer: 1 to 8 years HCP: 1 year to adolescent	Infant Under 1 year of age
Activate emergency response number (one rescuer)	Activate when victim found unresponsive HCP: If asphyxial arrest likely, call after 5 cycles (2 min) of CPR	Activate after performing 5 cycles of CPR For sudden witnessed collapse, activate after verifying that victim unresponsive	
Airway	Head tilt-chin lift (HCP: suspected trauma, use jaw-thrust)		
Breaths (initial)	2 breaths at 1 second/breath	2 effective breaths at 1 second/breath	
HCP: rescue breathing without chest compressions	10 to 12 breaths/minute (approximately 1 breath every 5 to 6 seconds)	12 to 20 breaths/minute (approximately 1 breath every 3 to 5 seconds)	
HCP: Rescue breaths for CPR with advanced airway	8 to 10 breaths/minute (approximately 1 breath every 6 to 8 seconds)		
Foreign body airway obstruction	Abdominal thrusts		Back slaps and chest thrusts
Circulation HCP: pulse check (≤10 seconds)	Carotid (HCP can use femoral in child)		Brachial or femoral
Compression landmarks	Center of chest, between nipples		Just below nipple line
Compression method: Push hard and fast Allow full chest recoil	2 hands: heel of 1 hand, other hand on top	2 hands: heel of one hand, other hand on top; or 1 hand: heel of one hand only	1 rescuer: 2 fingers HCP (2 rescuers): 2 thumb-encircling hands
Compression depth	1 ½ to 2 inches	Approximately 1/3 to ½ the depth of the chest	
Compression rate	Approximately 100/ minute		
Compression-ventilation ratio	30:2 (1 or 2 rescuers)	30:2 (single rescuer) HCP: 15:2 (2 rescuers)	
Defibrillation			
AED	Use adult pads Do not use child pads/child system HCP: for out-of-hospital response: may provided 5 cycles/2 minutes CPR before shock if response > 4 to 5 minutes and arrest not witnessed	HCP: use AED as soon as available for sudden collapse and in-hospital All: after 5 cycles of CPR (out-of hospital) Use child pads/child system for child 1 to 8 years if available If child pads/system not available, use adult AED and pads	Not recommended for infants < 1 year of age