

# Healthcare Provider Summary of Steps of CPR for Adults, Children, and Infants



Component	Recommendations		
	Adults	Children	Infants
<b>Recognition</b>	Unresponsive (for all ages)		
	No breathing or no normal breathing (ie, only gasping)	No breathing or only gasping	
	No pulse felt within 10 seconds		
<b>CPR sequence</b>	Chest compressions, Airway, Breathing (C-A-B)		
<b>Compression rate</b>	At least 100/min		
<b>Compression depth</b>	At least 2 inches (5 cm)	At least 1/3 AP diameter About 2 inches (5 cm)	At least 1/3 AP diameter About 1 1/2 inches (4 cm)
<b>Chest wall recoil</b>	Allow complete recoil between compressions Rotate compressors every 2 minutes		
<b>Compression interruptions</b>	Minimize interruptions in chest compressions Attempt to limit interruptions to <10 seconds		
<b>Airway</b>	Head tilt–chin lift (suspected trauma: jaw thrust)		
<b>Compression-ventilation ratio (until advanced airway placed)</b>	30:2 1 or 2 rescuers	30:2 Single rescuer  15:2 2 rescuers	
<b>Ventilations with advanced airway</b>	1 breath every 6-8 seconds (8-10 breaths/min)  Asynchronous with chest compressions About 1 second per breath Visible chest rise		
<b>Defibrillation</b>	Attach and use AED as soon as available. Minimize interruptions in chest compressions before and after shock; resume CPR beginning with compressions immediately after each shock.		

Abbreviations: AED, automated external defibrillator; AP, anterior-posterior; CPR, cardiopulmonary resuscitation.