# Pediatric Basic Life Support Algorithm (1 year of age to puberty) for Health Care Professionals—2 or More Rescuers

**1** Verify scene safety.

**2**
- Check for responsiveness.
- Shout for nearby help.
- Activate emergency response system
- Send someone to get AED/defibrillator

**3** Look for no breathing or only gasping and check pulse (simultaneously). Is pulse **definitely** felt within 10 seconds?

**Normal breathing, pulse felt**

**3a** Monitor until advanced care arrives

**Abnormal breathing, pulse felt**

**3b** Support ventilation
- Open the airway and reposition
- Provide breaths, 1 breath every 2-3 seconds, (20-30 breaths/min)
- Assess pulse rate after 2 minutes

**4** HR <60/min with signs of poor perfusion despite oxygenation and ventilation?

**Yes**

**No**

**4a** Continue providing breaths; check pulse every 2 minutes.

**Abnormal breathing, pulse not felt**

**5** Start CPR
- First rescuer performs cycles of 30 compressions and 2 breaths.
- When second rescuer returns, perform cycles of 15 compressions and 2 breaths.
- Use AED/defibrillator as soon as it is available.

**6** Check rhythm. Rhythm shockable?

**Yes, shockable**

**7**
- Give 1 shock. Resume CPR immediately for 2 minutes (until prompted by AED/defibrillator to allow rhythm check).
- Continue until PALS professionals take over or the child starts to move.

**No, nonshockable**

**8**
- Resume CPR immediately for 2 minutes (until prompted by AED/defibrillator to allow rhythm check).
- Continue until PALS professionals take over or the child starts to move.