BLS Healthcare Provider Adult Cardiac Arrest Algorithm for Suspected or Confirmed COVID-19 Patients

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 Verify scene safety
• Don PPE
• Limit personnel

 Victim is unresponsive. Shout for nearby help. Activate emergency response system via mobile device (if appropriate). Get AED and emergency equipment (or send someone to do so).

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

 Normal breathing, has pulse
 Monitor until emergency responders arrive.

 No normal breathing, has pulse

 No breathing or only gasping, no pulse

 CPR
Begin cycles of 30 compressions and 2 breaths using bag-mask device with filter and tight seal
OR
continuous compressions with passive oxygenation using face mask.
Use AED as soon as it is available.

 AED arrives.

 Check rhythm. Shockable rhythm?

 Yes, shockable
Give 1 shock. Resume CPR immediately for about 2 minutes (until prompted by AED to allow rhythm check). Continue until ALS providers take over or victim starts to move.

 No, nonshockable
Resume CPR immediately for about 2 minutes (until prompted by AED to allow rhythm check). Continue until ALS providers take over or victim starts to move.

 By this time in all scenarios, emergency response system or backup is activated, and AED and emergency equipment are retrieved or someone is retrieving them.