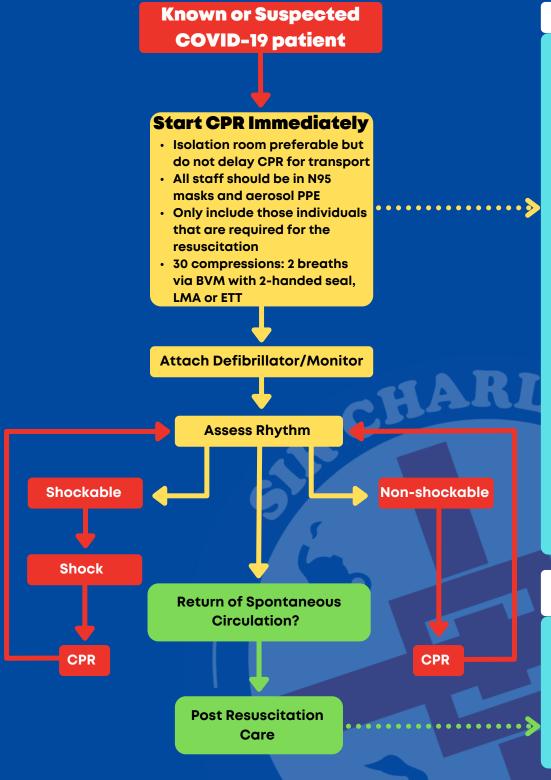


Modified COVID-19 Advanced Life Support Algorithm for Adults





During CPR:

- Airway adjuncts (LMA/ETT)
- Oxygen
- Wave form capnography
- IV/IO access
- Plan actions before interrupting compressions
- Drugs:
 - Shockable
 - Adrenaline 1mg after 2nd shock (then every second loop)
 - Amiodarone 300mg after 3 shocks
 - Non-shockable
 - Adrenaline 1mg immediately (then every 2nd loop)
- Consider and correct:
 - Hypoxia
 - Hypovolaemia
 - Hyper/hypokalaemia/ metabolic disorders
 - Hypothermia/ hyperthermia
 - Tension pneumothorax
 - Tamponade
 - Toxins
 - Thrombosis(pulmonary/coronary)

Post Resuscitation Care:

- Re-evaluate ABCDE
- 12 lead ECG
- Treat precipitating causes
- Aim for SpO2 94-98%, normocapnia and normoglycaemia
- Targeted temperature management
- Intubation should be done by the most experienced intubator
- Pause compressions before placing an advanced airway
- Prolonged bag-mask ventilation should be avoided
- An appropriate viral filter must be connected to any positive pressure oxygen delivery device, as close to the patient as possible
- Mechanical CPR devices may be useful to reduce the number of healthcare workers present during resuscitation