

PHASE 1

Conversations and decisions on emergency treatment completed and documented

End of life care ← Yes — DNACPR

No

PHASE 2

at least Level 2 PPE

Unresponsive and not breathing normally

Call resuscitation team
State COVID-19

Attach defibrillator/monitor

Assess rhythm

PHASE 3

AGP PPE

SHOCKABLE
(VF/Pulseless VT)

Up to 3 initial shocks
(single shocks in further cycles)

CPR for 2 min

Return of spontaneous circulation
(ROSC)

After ROSC

- Use an ABCDE approach
- Aim for SpO₂ of 94–98% and normal PaCO₂
- 12-lead ECG
- Identify and treat cause
- Targeted temperature management

NON-SHOCKABLE
(PEA/Asystole)

CPR for 2 min

Give high-quality chest compressions, and:

- Give oxygen
- Use waveform capnography
- Use a viral filter with bag-mask device, supraglottic airway or tracheal tube.
- Minimise interruptions to compressions
- IV or intraosseous access
- Give adrenaline every 3–5 min
- Give amiodarone after 3 shocks
- Identify and treat reversible causes

Identify and treat reversible causes

- Hypoxia
- Hypovolaemia
- Hypo-/hyperkalaemia/metabolic
- Hypo/hyperthermia
- Thrombosis – coronary or pulmonary
- Tension pneumothorax
- Tamponade – cardiac
- Toxins

Consider ultrasound imaging to identify reversible causes

Consider

- Coronary angiography/percutaneous coronary intervention
- Mechanical chest compressions to facilitate transfer/treatment
- Extracorporeal CPR

Recommended PPE

Level 2 PPE

- Disposable gloves
- Disposable apron
- Fluid resistant surgical mask
- Eye protection

Level 3 AGP (aerosol generating procedures) PPE

- Disposable gloves
- Disposable gown
- Filtering face piece (FFP3) respirator
- Eye protection