



Code Blue Algorithm

Cardiac Arrest
Check Code Status
Consider resuscitation appropriateness

PPE Definitions
-Airborne- Face shield, N95 mask, gown, Nitrile gloves
-Intubation- Airborne + Hood

First Responders

- 1st to arrive
 - Call Code Blue,
 - Cover patients mouth (surgical mask or bed sheet)
 - Don Airborne PPE and begin CPR
- 2nd to arrive
 - Bring crash cart to outside of room
 - Don airborne PPE and attach pads, shock if indicated
- Other providers
 - Move out other patient(s) and close door

All healthcare providers should have rapid access to N95 mask

CPR Quality

- Push **hard** (at least 2 inches)
- Push **fast** (100-120/min)
- minimize **interruptions**
- change** provider q2min

Drug Therapy

- Epinephrine 1mg q 3-5min
- Amiodarone 300mg bolus
- Lidocaine 1mg/kg

CERT Team Arrives

- Airway MD, Code MD, CERT 1, CERT 2 Don Airborne PPE and enter (If known/suspected Covid +, Airway MD & CERT 1 Don Intubation PPE and consider early intubation)
- **Airway MD**- manages airway/oxygenation at head of bed
- **Code MD**- receives report, leads code, looks for reversible causes
- **CERT 1 & 2**- take over CPR, attach defibrillator & shock if indicated, IV/IO access, administer medications as directed by Code MD
- **CERT 3**- stays outside door, documents code and passes medication
- **CERT 4**- retrieves Glidescope, Intubation Boxes A/B, RSI kit, dons airborne PPE, stays outside, prepares to perform CPR as directed
- **ICU nurse**- (if available) assists with medications and code, as needed
If CERT 3 or 4 is 1st responder, they may delegate their role

Reversible Causes

- Hypovolemia**
- Hypoxia**
- Hydrogen ion (acidosis)**
- Hypo/Hyperkalemia**
- Hypothermia**
- Tension pneumothorax**
- Tamponade (cardiac)**
- Toxins**
- Thrombosis (pulmonary)**
- Thrombosis (coronary)**

