

PIT CREW HOSPITAL CARDIAC ARREST



POSITION
03

AIRWAY

- Secures airway after intubation or supraglottic placement
- Ventilates with BVM at appropriate rate and tidal volume
- Verifies ETCO2 waveform and monitoring



POSITION
01

COMPRESSORS

- Performs high-quality chest compressions ensuring correct depth and rate
- Rotates every 2 minutes with a new compressor
- Hovers awaiting commands
- Performs 110 compressions a minute with a metronome
- Hovers after 2 charges the defibrillator for rhythm identification/shock
- This role also ensures high-quality CPR by monitoring compression depth and rate



02
POSITION

MONITOR OPERATOR

- Operates the defibrillator and keeps track of 2-minute intervals
- Delivers shocks as directed by the Team Leader, positions the monitor for visibility, notifies rhythm changes
- Continues to pre-charge every 1 minute and 45 seconds to prepare for next rhythm check
- This role also ensures high-quality CPR by monitoring compression depth and rate



04
POSITION

MED/PROCEDURE NURSE

- Establishes and ensures patent intravenous (IV) or intraosseous (IO) access for medication administration
- Administers medications, prepares/monitors patient reactions for adverse effects
- Flushes IV with at least 20mL saline after each medication



05
POSITION

POSITION
06

CODE TEAM LEADER

- In limited provider scenario may obtain airway via intubation or i-gel
- Organizes the team, monitors performance, assigns roles, makes treatment decisions
- Ensures clear communication, provides feedback, and handles unassigned tasks as needed
- Considers advanced therapies or deviations from standard care
- Prepares chart lab team
- Consider e-CPR (mechanical CPR such as ECMO)



DOCUMENTATION NURSE

- Coordinates the resuscitation, calls out times and drugs per protocol
- Tracks and documents the timing of all interventions, including compressions, medications, shocks
- Uses the chart to record the frequency and duration of interruptions
- Communicates with the Leader to announce when the next treatment or medication is due and ensures documentation is complete for post-event analysis and legal records

STANDBY TEAM

- Additional compressors
- Additional RNs
- Pharmacy
- X-Ray
- Charge RN/Supervisors
- Chaplain
- Social Worker