

POST CARDIAC ARREST

RETURN OF SPONTANEOUS CIRCULATION (ROSC)

UPDATED 1/2024

ALL PROVIDERS / EMT

- Focused history and physical exam
 - Blood glucose assessment
- Continuous ECG, ETCo₂, and pulse oximetry monitoring
- Assist ventilations to maintain ETCo₂ 35-45mmHg
- Document blood pressure and acquire 12 lead EKG immediately after establishing ROSC
- Prepare for transport while maintaining monitoring and re-checking for pulse periodically
- Acquire and transmit post-ROSC 12 lead EKG as well as a second 12 lead EKG 10 minutes post-ROSC
- Consider putting mechanical CPR device in place for transport if available for use in case of re-arrest
- Treatment Plan**
 - Emergent transport to a STEMI/PCI receiving center

ADULT

PEDIATRIC (<15 years of Age)

NOTE: Pediatric weight based dosing should not exceed Adult dosing.

AEMT

AEMT

- | | |
|---|---|
| <ul style="list-style-type: none"> <input type="checkbox"/> Supraglottic, vascular access and fluid therapy <input type="checkbox"/> Administer crystalloid to achieve a goal of SBP of 90 mmHg or MAP of 65. | <ul style="list-style-type: none"> <input type="checkbox"/> Supraglottic, vascular access and fluid therapy <input type="checkbox"/> Prepare crystalloid for hypotensive shock. Consult with OLMC if blood pressure is less than pediatric lowest acceptable systolic blood pressures <ul style="list-style-type: none"> • Birth to 1 month = 60mmHg • 1 month to 1 year = 70mmHg • 1 year to 10 years is = 70mmHg + (age x 2) • 10 years and older = 90mmHg. |
|---|---|

PARAMEDIC

PARAMEDIC

- | | |
|---|---|
| <ul style="list-style-type: none"> <input type="checkbox"/> Epinephrine drip (1:10,000) 2-10 mcg/kg IV/IO. Titrate to maintain SBP 90 mmHg or MAP of 65. <input type="checkbox"/> Push Dose Epinephrine 10mcg as needed to maintain a SBP of 90 mmHg or MAP of 65. <input type="checkbox"/> Norepinephrine 1 mcg/min IV/IO. Titrate up to 30 mcg/min to maintain SBP of 90 mmHg or MAP of 65. | <ul style="list-style-type: none"> <input type="checkbox"/> Epinephrine drip (1:10,000) 0.1-0.5 mcg/kg/min IV/IO. Titrate to maintain a SBP >70+(age in years x 2) mmHg <input type="checkbox"/> Push Dose Epinephrine - 1mcg/kg Titrate to maintain a SBP >70 + (age in years x 2) mmHg <input type="checkbox"/> Norepinephrine 0.05 - 1 mcg/kg/min IV/IO infusion for hypoperfusion. Titrate to maintain a SBP >70 + (age in years x 2) mmHg |
|---|---|