

**PREP Checklist and Communication Form**  
*Post Resuscitation Evaluation and Planning*

Patient Name: \_\_\_\_\_

Age: \_\_\_\_\_

MRN: \_\_\_\_\_

Room #: \_\_\_\_\_

Most recent arrest (Time of ROSC): Date: \_\_\_\_\_ Time: \_\_\_\_\_

Date:		Target Ranges				
Time	Temp	SPO <sub>2</sub>	SBP	MAP	ETCO <sub>2</sub>	
:	to	to	to	to	to	
:	to	to	to	to	to	
:	to	to	to	to	to	
:	to	to	to	to	to	
:	to	to	to	to	to	

**Review, discuss, adjust and confirm at every shift:**

- Optimize Ventilation and Oxygenation
  - Maintain advanced airway; protect ventilation
  - Maintain normoxia (SpO<sub>2</sub> 94-98%)
  - Wean FiO<sub>2</sub> if saturation is >98%
  - Maintain PaO<sub>2</sub> targets for cyanotic patients
  - Maintain normocapnia (waveform capnography)
- Assess for and Treat Persistent Shock
  - Identify and Treat Possible Contributing Factors →
- Circulation
  - Maintain reliable intravenous access
  - Maintain invasive blood pressure monitoring
  - Optimize hemodynamics
    - Aim for *age-specific* BP Targets\*
    - Monitor MAP, Lactate, ScvO<sub>2</sub>, CO/CI, urine output
    - Hypotensive Shock: *consider* epinephrine, dopamine, norepinephrine, vasopressin
    - Normotensive Shock: *consider* dobutamine, dopamine, epinephrine, milrinone
  - Fluid (crystalloid) – restore normovolemia
  - Perform echocardiography
- Target Temperature Management
  - Constant temperature for 24-48 hrs:
    - Hypothermic: 32°C – 34°C
    - Normothermic: 35°C – 37°C
  - Prevent and treat fever for at least 96 hrs
  - Prevent and treat shivering
- Monitor and Treat
  - Need for Sedation / Paralysis
  - Agitation
  - Seizures: EEG, sedation, anticonvulsants
  - Hypoglycemia
  - Hyperglycemia if > \_\_\_\_\_ mm/dL
  - Blood gas, serum electrolytes, calcium, magnesium
- Avoid prognostication for at least 72h post ROSC

- Hypovolemia
- Hypoxia
- Hydrogen ion (acidosis)
- Hypoglycemia
- Hypo-/hyperkalemia
- Hypothermia
- Tension pneumothorax
- Tamponade, cardiac
- Toxins
- Thrombosis, pulmonary
- Thrombosis, coronary
- Trauma

**\*Minimum BP Targets (5<sup>th</sup> percentile)**

Age	MAP	SBP
0-6 mos	> 45	> 70
6 mos – 2 yrs	> 55	> 80
3 yrs – 10 yrs	> 65	> 90
>10 yrs	> 75	> 100

**Notes to Team:**