

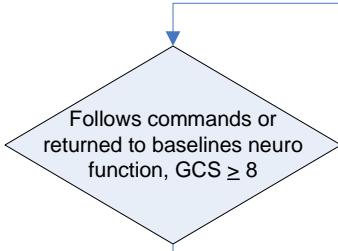
# Post Cardiac Arrest Care Guideline



Inclusion Criteria: Cardiac Arrest with ROSC, CPR  $\geq$  1 minute

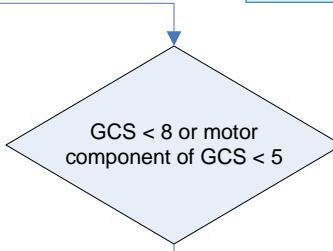
Exclusion Criteria: CPR < 1 minute, NICU patients

## Assessment Initial Neuro Exam



### Interventions

- Routine ICU monitoring
- Fever avoidance for 48 hours
- Target normal vitals for age
- Neuro check Q2 for first 12 hours
- Consider Neuro and cardiology consult



### Interventions

- Oxygenation and ventilation:
- SpO<sub>2</sub> goal 90-97%\* D
  - PaCO<sub>2</sub> 35-45 mmHg
  - PaO<sub>2</sub> 60-150\* D
- Hemodynamic Monitoring
- Normotension >5th percentile for age
  - Arterial BP
  - Monitor serum lactate, urine output, and central venous oxygen saturation
  - Fluids with or without inotropes or vasopressors for BP goals
- Targeted temperature management
- Normothermia (keep temp 36-37.5 C), consider temp management device
  - Prevent shivering
  - Treat fever promptly
- Glucose Control
- Avoid hypoglycemia (keep glucose 80-200)\* D
  - Start enteral nutrition in 24 hours
- Neuromonitoring
- VTM EEG for 24 hours minimum within 6 hours of arrival
  - Aggressively treat seizures detected via EEG
  - Serum Na 135-145
- Sedation
- Sedation and anxiolytics
- Prognosis
- Consider early brain imaging to diagnose treatable causes of cardiac arrest
  - Neuroimaging as indicated (CT/MRI)
  - Avoid prognostication for at least 72 hours post ROSC; does not apply for Death by Neurological Criteria- Refer to policy
- Consults
- Cardiology consult
  - Neuro consult
  - Palliative Care Consult
  - Spiritual Care Consult
  - Social Services Consult
- Care Routines:
- VTE prophylaxis
  - Notify One Legacy if clinical triggers met

\*Interventions are Grade B unless otherwise indicated

## Considerations after Extubation

\*does not apply to compassionate extubation

- Psychology Consult
- Rehab services- PT/OT/ST
- Feeding/Swallowing Team Evaluation

## Initial Lab Order Recommendations

- CMP, Mg, Phos
- iCA
- CBC
- Coags
- Lipase
- Troponin
- Lactate
- Blood Gas

## Patient Education

- Cardiac Arrest Survivorship Folder

## Discharge Planning: Post Cardiac Arrest Survivorship

- Discharge teaching
- Outpatient Referrals
  - Cardiac Neurodevelopment Clinic for CHD Patients
  - Neuropsychology
  - Cardiology
  - PT, OT

## References

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