

Therapeutic Hypothermia Physician Progress Note

DATE:

TIME:

Inclusion Criteria-All must be checked:

- Non traumatic cardiac arrest with return of spontaneous circulation (ROSC)
- Mean arterial blood pressure maintained greater than 50 either with fluids and/or vasopressors.
- Resuscitation time less than 1 hour (Time of collapse to ROSC).
- Time of **initiation** of hypothermia will be less than 4 hours from ROSC.
- Men and Women age 18 years or older.
- ET intubation with mechanical ventilation.
- Coma after ROSC (GCS of 8 or less not following commands, no speech, no eye opening, and no purposeful movements to noxious stimuli, *brainstem reflexes and pathological/posturing movements are permissible.*)

Relative Exclusion Criteria: IF any are checked and the therapy is started, document rational under Plan below:

- Do not resuscitate (DNR) order, stratified at any level (BHSF).
- Major surgery within 14 days or active bleeding: (hypothermia may increase the risk of infection and bleeding).
- Pregnancy
- Systemic infection/sepsis: (hypothermia may inhibit immune function and is associated with an increased risk of infection & sepsis).
- Known terminal illness preceding the arrest
- Another reason for coma (head trauma, stroke, overt status epilepticus, intracranial hemorrhage)
- Patients with a known bleeding diathesis, or with active ongoing bleeding - (hypothermia may impair the clotting system).

Baseline Rapid Neurologic Assessment (to be documented before giving sedatives/paralytics):

1. Glasgow Coma Scale: _____ (*must be 8 or less to initiate hypothermia*)
2. Purposeful movements: Yes No (*must be NO to initiate hypothermia*)
3. Oculocephalic intact (by head positioning unless collared): Yes No
4. Gag Reflex: Yes No
5. Muscle Tone Increased: Yes No
6. Myoclonus Yes No
7. Plantar Reflex: Absent Up Down
8. Cough: Yes No
9. Corneal Reflex: Yes No
10. Pupil Sizes: Left _____mm reactive or non-reactive / Right _____mm reactive or non-reactive
11. Pupils Symmetric: Yes No
12. Pupil Reactivity: Brisk Sluggish Fixed

Comments: _____