

(place patient label here)

Patient Name: _____



PROVIDER ORDERS

Order Set Directions:

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Diagnosis: _____

Allergies with reaction type: _____

**ICU Targeted Temperature Management Post-Cardiac Arrest-Phase 1
Version 2 Approval 9/25/2018**

Inclusion Criteria

- All cardiac rhythms
- Glasgow coma scale less than or equal to 7
- Age greater than or equal to 18
- Pregnancy negative
- No defined neuropathology
- Establish Code status

General

- Requires mandatory Intensivist as consult

PHASE 1: ON ADMISSION AND PRIOR TO COOLING

Nursing Orders

- Vital signs every 15 minutes x 4 then hourly including temperature from 2 routes (esophageal, rectal and/or bladder)
- Elevate head of bed 30 degrees
- Nasogastric/orogastric tube insert/maintain to low intermittent suction
- Point of Care Capillary Blood Glucose every 6 hours and as needed
- Foley Catheter with Protocol
- If having seizures, notify provider
- If shivering, notify provider

Respiratory

- Initiate Ventilator Management Protocol
- Maintain O2 Sat > 94%
- Maintain PCO2 35-45 mmHg

Diet

- NPO

IV/ Line Insert/Maintain

- Arterial line insert/maintain
- Peripheral IV insert/maintain
- Central line maintain

IV Fluids

- Sodium Chloride 0.9% IV
- 30 milliliter/hour continuous intravenous infusion

Initials _____

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Medications

Sedatives /Analgesics/Paralytics

Initiate Propofol and Fentanyl together and titrate Propofol to RASS -2 sedation level

propofol 10 mg/mL intravenous emulsion (DIPRIVAN)

- 5 microgram/kilogram per minute continuous intravenous infusion. Titrate to achieve -2 RASS sedation level (MAX 80 microgram/kilogram per minute)

fentaNYL

- 1 microgram/kilogram intravenous push bolus once (MAX 100 microgram) followed by fentanyl continuous infusion
- 50 microgram/hour continuous infusion following bolus.

****IF RASS -2 not achieved and Propofol infusion is at MAX:**

LORazepam (ATIVAN)

- 2-4 milligram intravenously every 30 minutes as needed if RASS -2 not achieved and Propofol infusion is at MAX

fentaNYL

- 50-100 microgram intravenous push every 30 minutes as needed if RASS -2 not achieved within 30 minutes of first Lorazepam dose and Propofol infusion is at MAX

****IF seizures: Contact provider**

LORazepam (ATIVAN)

- 2 milligrams intravenously push every 30 minutes as needed

****IF shivering: Contact provider**

meperidine (DEMEROL)

- 12.5-25 milligram intravenous push every 4 hours as needed (GIVE FIRST)

vecuronium

- If shivering is unrelieved by Demerol, contact provider for appropriate dosing and RASS score

Vasopressors: Contact provider if initiating pressor

****Initiate norepinephrine (LEVOPHED) first**

norepinephrine bitartrate (LEVOPHED) in NS 4 mg/250 mL IV

- 0.1 microgram/kg/minute continuous intravenous infusion. Titrate to keep MAP greater than 65 mmHg (MAX 30 microgram/minute)

****IF desired MAP not obtained ADD:**

vasopressin in NS 100 unit/250 mL IV

- 0.04 unit/minute continuous intravenous infusion

****IF desired MAP not obtained ADD:**

phenylephrine (NEO-SYNEPHRINE) in NS 20 mg/ 250 mL (80 mcg/mL) IV

- 20 - 180 microgram/minute continuous intravenous infusion. Titrate to keep MAP greater than 65 mmHg begin if desired MAP not achieved with norepinephrine and vasopressin)

Insulins

Insulin Sliding Scales

- Low
- Medium
- High

If blood sugar is >250, initiate insulin drip. Select Dynamic Insulin Drip orders

- Insulin, regular in NS 250 unit/250 mL (1 unit/mL) IV.

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Other

Lacri-Lube eye ointment

- 0.5 inch in each eye every 12 hours as needed while sedated

aspirin

- 300 milligram suppository rectally once a day
- 325 milligram tablet by nasogastric tube once a day

Laboratory

Obtain the following STAT labs:

- Blood Gas Study, arterial
- Pregnancy test, serum. Select for women of child bearing age
- Amylase
- CBC/AUTODIFF
- Comprehensive metabolic panel
- Magnesium (Mg) level, plasma
- Phosphorus level, plasma
- CK (CPK)
- Cortisol, plasma
- Calcium, ionized
- Lactic acid, plasma
- Lipase
- PT (PROTIME AND INR)
- PTT
- Troponin-I
- Type and screen

If fever or evidence of infection present:

- Blood Culture
- Culture, sputum
- Culture, urine
- Procalcitonin Level

Radiology & Diagnostic Tests

CT Head without Contrast

- STAT. Reason for exam: post cardiac arrest

XR Chest Single AP View Only, portable,

- STAT. Reason for exam: post cardiac arrest

12-lead ECG

- STAT. Reason for exam: post cardiac arrest

Echocardiogram, transthoracic (2D cardiac ECHO)

- Reason for exam: post cardiac arrest (DO NOT DELAY COOLING PROTOCOL IF NOT OBTAINED)

EEG (Electroencephalogram), continuous,

- STAT. Reason for exam: post cardiac arrest (DO NOT DELAY COOLING PROTOCOL IF NOT OBTAINED)

Provider Signature: _____ Date: _____ Time: _____