



## Physician Orders ADULT: Malignant Hyperthermia Post Acute Phase Management Plan

### Initiate Orders Phase

#### Care Sets/Protocols/PowerPlans

- ☒ Initiate Powerplan Phase

*Phase: Malignant Hyperthermia Post Acute Phase, When to Initiate: \_\_\_\_\_*

### Malignant Hyperthermia Post Acute Phase

#### Admission/Transfer/Discharge

- ☐ Transfer Pt within current facility  
*To PACU, from OR as soon as clinically stable. (DEF)\*  
Level of Care: Critical Care*
- ☒ Add To Problem List  
*Problem: Malignant Hypothermia*

### Vital Signs

- ☒ Vital Signs  
*Monitor and Record T,P,R,BP, Monitor Q15min for the first 24 hrs then per unit policy.*
- ☐ Arterial Blood Pressure Monitoring  
*q15min*
- ☒ Nursing Communication  
*Monitor core body temperature via Foley temp probe continuously and record q15 minutes for first 24 hours.*

### Patient Care

Cooling Measures (NOTE)\*

- ☒ Ice Pack Apply  
*Other, See Comments, Ice Pack, Ice major arteries: groin, axilla, neck for core temp greater than 38 degrees Celsius.*
- ☐ NGT  
*Lavage, NGT to ice lavage for core temp greater than 38 degrees Celsius.*
- ☐ Foley Insert-Follow Removal Protocol  
*Insert 3 way foley to ice lavage.*
- ☐ Rectal Tube Insert  
*to ice lavage for core body temp greater than 38 degrees Celsius.*
- ☐ Cold Apply  
*Other, See Comments, Body, Cooling Blanket for core temp greater than 38 degrees Celsius.*
- ☒ Bedside Glucose Nsg  
*q2h(std), For 24 hr*
- ☒ Intake and Output  
*q1h(std)*
- ☒ Foley Insert-Follow Removal Protocol  
*Reason: Strict UOP (q30 min or q1 hr) in ICU, Size: 3 way w/temp probe, to bedside gravity drainage.*
- ☒ Observe For  
*Change in LOC, cardiac dysrhythmias chg from baseline, s/s of pulmonary edema, urine output less than 2mL/kg/hr, excessive bleeding, muscular weakness, rigidity, s/s of compartment syndrome: decreased blood flow i.e. (skin mottling, decrease pulses)*



*Comments: Additional symptoms: cold extremities and/or swelling of hands and feet.*

- Routine, q4day, Preferred Gauge: 18G, For administration of Dantrolene medication ONLY.*

☒ Nursing Communication☒ Nursing Communication

Comments: Do NOT flush the line. Remove needle/cannula, elevate extremity.

- ☒
- Nursing Communication

*Add allergies: inhalation anesthetics and succinylcholine, each with a reaction symptom of malignant hyperthermia, if not already done*

☒ CO2 Monitor

☐ O2 Sat-Continuous Monitoring (RT)☒ ABG- RT Collect☒ ABG- RT Collect

☐ dantrolene

*Comments: Pharmacy: Round dose to the nearest 5 mg. Mix each vial with 5 mL sterile water for injection (NOT bacteriostatic water for injection). Shake well to ensure an orange colored uniform suspension. Draw appropriate dose into syringe. Do not dilute or transfer the reconstituted suspension to another container to infuse the product.*

☐ furosemide

Comments: to maintain urine output greater than or equal to 2 mL/kg/hr

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☒ Lactate Level



**Physician Orders ADULT: Malignant Hyperthermia Post Acute Phase Management Plan**

- STAT, T;N, once, Type: Blood*
- ☒ Lactate Level  
*Time Study, T;N+480, q8h x 40 hr, Type: Blood*
- ☒ CMP  
*STAT, T;N, once, Type: Blood*
- ☒ CMP  
*Time Study, T;N+1440, q24h x 2 occurrence, Type: Blood*
- ☒ BMP  
*Time Study, T;N+480, q8h x 2 occurrence, Type: Blood*
- ☒ BMP  
*Time Study, T;N+1920, q8h x 2 occurrence, Type: Blood*
- ☒ CK  
*STAT, T;N, once, Type: Blood*
- ☒ CK  
*Time Study, T;N+480, q8h x 40 hr, Type: Blood*
- ☒ CBC  
*STAT, T;N, once, Type: Blood*
- ☒ PT/INR  
*STAT, T;N, once, Type: Blood*
- ☒ PTT  
*STAT, T;N, once, Type: Blood*
- ☒ Fibrinogen Level  
*STAT, T;N, once, Type: Blood*
- ☒ Urinalysis w/Reflex Microscopic Exam  
*STAT, T;N, once, Type: Urine, Nurse Collect*
- ☒ Urinalysis w/Reflex Microscopic Exam  
*Time Study, T;N, q24h x 2 occurrence, Type: Urine, Nurse Collect*

**Consults/Notifications/Referrals**

- ☐ Notify Physician-Continuing  
*Notify For: If core body temperature is greater than 37.5 degrees Celsius, cardiac dysrhythmia change from baseline, urine output less than 2mL/kg/hr, excessive bleeding, Potassium level greater than 5.5mg/dL*

Date	Time	Physician's Signature	MD Number
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**\*Report Legend:**

DEF - This order sentence is the default for the selected order  
 GOAL - This component is a goal  
 IND - This component is an indicator  
 INT - This component is an intervention





**Physician Orders ADULT: Malignant Hyperthermia Post Acute Phase Management Plan**

IVS - This component is an IV Set

NOTE - This component is a note

Rx - This component is a prescription

SUB - This component is a sub phase, see separate sheet

R-Required order

