

Therapeutic Temperature Management – Order Set Review

The screenshot shows a 'Record Select' dialog box with a search bar containing 'hypo'. Below the search bar is a table with 5 records. The fourth record, 'GENERIC HYPOTHERMIA FOCUSED UVA', is highlighted in blue. At the bottom of the dialog, there are 'Accept' and 'Cancel' buttons.

%	Protocol Name	Protocol ID
<input type="checkbox"/>	GENERIC ACUTE RENAL FAILURE ADMISSION UVA(a...	3040000251
<input type="checkbox"/>	UVA ED DKA/HYPERGLYCEMIA TREATMENT(aka HY...	1600000033
<input type="checkbox"/>	CARD HYPOMAGNESEMIA FOCUSED UVA	3040000189
<input checked="" type="checkbox"/>	GENERIC HYPOTHERMIA FOCUSED UVA	3040000294
<input type="checkbox"/>	HSR 14289: SYSTEMIC HYPOTENSION FOLLOWING ...	1081

5 records total, all records loaded.

Accept Cancel

Exhibit NK3.f
GENERIC HYPOTHERMIA FOCUSED

▼ General

▶ Vital Signs

[Expand this SmartGroup](#) hypothermia
Routine, EVERY HOUR First occurrence Today at 1400 Until Specified

▶ Notify Physician

Notify physician (specify)
Routine, UNTIL DISCONTINUED starting Today at 1346 Until Specified
Notify House Officer for MAP < 65, significant dysrhythmias, presence of shivering > 1 on Bedside Shivering

▶ Activity

Head of bed 30 degrees at all times.
Routine, UNTIL DISCONTINUED starting Today at 1346 Until Specified

Bedrest
Routine, UNTIL DISCONTINUED starting Today at 1346 Until Specified

▶ Diet/Nutrition

Diet NPO effective now
DIET EFFECTIVE NOW starting Today at 1346 Until Specified

▶ Nursing Interventions

Tube insertion: Orogastric, Salem sump
Routine, ONE TIME First occurrence Today at 1346

Probe placement: Esophageal temperature probe
Routine, ONE TIME First occurrence Today at 1346

Insert Foley Catheter
Routine, ONE TIME First occurrence Today at 1346

Foley to gravity drainage with temperature probe
Routine, UNTIL DISCONTINUED starting Today at 1346 Until Specified

Skin assessment
Routine, EVERY 2 HOURS First occurrence Today at 1400 Until Specified

Monitoring: Display and record temperature from two sources Q1 hour
Routine, UNTIL DISCONTINUED starting Today at 1346 Until Specified

Monitor: Assess shivering Q1 hour using the Bedside Shivering Assessment Scale (BSAS)
Routine, UNTIL DISCONTINUED starting Today at 1346 Until Specified
NONE (0): No shivering noted on palpation of the masseter, neck, or chest wall. MILD (1): Shivering localized thorax). SEVERE (3): Shivering involves gross movements of the trunk and upper and lower extremities

▶ **Therapeutic Hypothermia - Cooling procedures**

- ☑ Therapeutic hypothermia (cooling phase)

Routine, UNTIL DISCONTINUED starting Today at 1346 Until Specified

Initiate hypothermia measures to reach goal temperature of 33 degrees Celsius as rapidly as possible

- ☑ Place ice bags under head/neck, in axillae, in groin. Avoid bladder area.

Routine, UNTIL DISCONTINUED starting Today at 1346 Until Specified

- ☑ sodium chloride 0.9% solution

at 8,000 mL/hr, Intravenous, ONCE, 1 dose Today at 1415

Infuse 2000 ml ICED 0.9% saline as quickly as possible (use pressure bag)

- ☑ MD to insert ICY catheter. RN Set CoolGard to 33 degrees Celsius.

Routine, UNTIL DISCONTINUED starting Today at 1346 Until Specified

▶ **Therapeutic Hypothermia - Rewarming Procedures**

- ☑ Therapeutic hypothermia (warming phase)

Routine, UNTIL DISCONTINUED starting Today at 1346 Until Specified

Begin rewarming 24 hours after start of the cooling efforts. Do not warm faster than 0.5 degrees C.

- ☑ Therapeutic hypothermia (monitoring phase)

Routine, UNTIL DISCONTINUED starting Today at 1346 Until Specified

Once patient reaches rewarming goal of 36.5 C., maintain normothermia for 24 hours with CoolGard.

Most items are pre-checked to save time as they are our standard of care. ED physicians should add 'cooling blanket' to the cooling procedures by clicking on the arrow on the section title.

Medications

Hypothermia, Analgesia and Sedation

Anti-Shivering Medications

Anti-Shivering Medications #1

Anti-Shivering Medications #2

propofol (DIPRIVAN) infusion 10 mg/mL

20 mcg/kg/min, Intravenous, CONTINUOUS, Titrate to BSAS = 1 or less and MAP > 65mmHg Do

Anti-Shivering with Vecuronium NMB

Anti-Shivering with Cisatracurium NMB

Each med section can be ‘exploded’ by placing a check in the appropriate box. See following slide for anti-shivering meds #1.

