

(place patient label here)

Patient Name: \_\_\_\_\_



PROVIDER ORDERS

**Order Set Directions:**

- > (✓)- Check orders to activate; Orders with pre-checked box  will be followed unless lined out.
- > Initial each place in the pre-printed order set where changes such as additions, deletions or line outs have been made
- > Initial each page and Sign/Date/Time last page

Diagnosis: \_\_\_\_\_

Allergies with reaction type: \_\_\_\_\_

**ICU Hypertonic Saline for Increased ICP Adjustment Protocol**

**Version 1 4/10/18**

**General**

- After provider order for initiation of a protocol, nursing may place orders found within the protocol using the Policy/Protocol - No Esign Req order source.
- Recommended for patient Age > 18 years old

**Goal: Serum Na+ 145-152 mEq/L**

**Nursing Orders**

- When serum Na+ and serum osmolality results, notify provider immediately
- If serum Na+ is less than 150: Draw Na+ and serum osmolality 6 hours from last draw
- If serum Na+ is equal to or greater than 150: Draw Na+ and serum osmolality 4 hours from last draw

**IV Fluids - Maintenance Specific Fluid**

**Baseline: Give all bolus doses over 30 minutes**

- Initial Serum Na+ < 137: Start 3% NaCl w/250 mL bolus, then 40 mL/h
- Initial Serum Na+ 137-140: Start 3% NaCl w/150 mL bolus, then 35 mL/h
- Initial Serum Na+ > 140: Start 3% NaCl at 35 mL/h

<u>Serum Na+</u>	<u>Treatment</u>
<135	Increase by 10 mL/h to maximum rate of 70 mL/h. If at 70 mL/h, give 250 mL bolus of 3% NaCl x 1
135-144	Increase by 5 mL/h to maximum rate of 70 mL/h. If at 70 mL/h, give 150 mL bolus of 3% NaCl x 1
<b>145-152</b>	<b>Maintain infusion</b>
153-155	Decrease rate by 5 mL/h
156-159	Decrease rate by 15 mL/h
160-163	Hold infusion for 4 hours and restart at 50% of previous rate. <b>DO NOT</b> restart if sodium has increased by more than 1 mEq/h (e.g. 145 to 160 in 4 hrs.) <b>Restart on physician order</b>
164-166	Hold infusion, recheck sodium every 4 hours and restart at 20 mL/h <b>ONLY</b> when sodium is BELOW 156 mEq/L <b>DO NOT</b> restart if sodium has increased by more than 1 mEq/h (e.g. 150 to 165 in 4 hrs.) <b>Restart on physician order</b>
>166	<b>Hold infusion. DO NOT</b> restart until ordered by physician