

TITLE: GLUCOSE (Hypo/Hyperglycemia) PROTOCOL		
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ADULT GLUCOSE (HYPO/HYPERGLYCEMIA) PHARMACY TREATMENT PROTOCOL

*For treatment of neonatal patient, please follow policy 6170.044b

Purpose:	To outline the nursing management of any patient with hypo or hyper-glycemia*. (*not including neonatal patients) Hypo-glycemia: blood glucose level of ≤ 70 mg/dL Hyper-glycemia: blood glucose level of > 400 mg/dL
Supportive Data:	Laboratory: Accucheck inform patient testing 8620.078a
[HYPO] Patients blood glucose is ≤ 70 mg/dL (Accucheck or lab draw)	<p>1. Repeat STAT Accucheck & obtain STAT serum glucose level from lab [Lab draw required to correlate Accucheck glucose level, not to delay treatment]</p> <p>A. If Accucheck $< 41-59$ mg/dL or $60-70$ mg/dL and symptomatic, follow protocol:</p> <ol style="list-style-type: none"> 1. If <u>able to swallow</u>, give 120mL of fruit juice, or 240 ml skim or 1% milk 2. If <u>unable to swallow (or NPO)</u>, give Dextrose 50%, 25mL (12.5G) IV* *Preferred administration via central venous access if possible (hypertonic) 3. If <u>unable to swallow (or NPO), and NO IV access</u>, give Glucagon 1mg IM 4. If on insulin IV infusion, discontinue IV drip. <p>B. If Accucheck ≤ 40 mg/dL: follow protocol below,</p> <ol style="list-style-type: none"> 1. Give Dextrose 50%, 50mL (25G) IV* *Preferred administration via central venous access if possible (hypertonic) 2. If <u>NO IV access</u>, give Glucagon 1mg IM 3. If on insulin IV infusion, discontinue IV drip. <p>2. Repeat Accucheck 15 minutes after treatment, then contact physician</p> <p>A. If still ≤ 70 mg/dL, may repeat treatment (1B)</p> <p>B. If > 70 mg/dL, attempt to give snack or meal in $\frac{1}{2}$ hour</p>
[HYPER] Patients blood glucose is > 400 mg/dL	<p>1. Repeat STAT Accucheck</p> <p>2. If sliding scale insulin order, administer insulin as ordered, then contact physician</p> <p>3. If NO sliding scale insulin order, contact physician for insulin orders.</p> <p>4. If patient on IV insulin infusion – follow orders</p>
Documentation	Document all Accucheck glucose and administration of medications if necessary.