

**Figure 1B.** Standardized Glucose Management Algorithms

**(a) Real-Time Adjustments**

<b>For BG of:</b>	<b>Treat with:</b>
< 70 mg/dL	Glucose gel (15-30 g) if PO, or D50 (25-50 ml) if NPO
70-79 mg/dL	Glucose gel (15 g) if PO, or D50 (25 ml) if NPO
> 140 mg/dL before meals	Correction insulin order, if no insulin in past 3hrs
> 200 mg/dL at bedtime or 02:00	Correction insulin order, if no insulin in past 3hrs

**(b) Daily Adjustments**

*Based on Q24 review of POC (for UC) and CGM data (Standard targets 100-180 mg/dl)*

<b>Last 24 hour BG:</b>	<b>Insulin adjustments:</b>
Fasting BG >150 mg/dL <u>and</u> no BG < 100 mg/dL overnight	↑ basal insulin by 10%
Fasting BG >250 mg/dL <u>and</u> no BG < 100 mg/dL overnight	↑ basal insulin by 20%
Any BG 80-100 mg/dL overnight	↓ basal insulin by 10%
Any BG < 80 mg/dL overnight	↓ basal insulin by 20%
Post-prandial BG ≥ 200 mg/dL at ≥2 meals <u>or</u> pre/post-meal rise > 60 mg/dL	Initiate prandial insulin at next meal <u>or</u> increase prandial coverage to the next level; if at highest level, increase prandial coverage by 25%

BG = Blood glucose.