

Figure 1B. Standardized Glucose Management Algorithms**(a) Real-Time Adjustments**

For BG of:	Treat with:
< 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)

Last 24 hour BG:	Insulin adjustments:
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.	