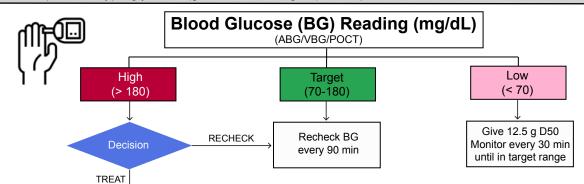
Perioperative Hyperglycemia Management Algorithm

QI Project Patient Inclusion Criteria:

Intraoperative hyperglycemia (glucose > 180 mg/dL) for all patients between Anesthesia Start and Stop



Bolus of IV Insulin (Regular)							
	Home Insulin Usage			Insulin Naive			
BG (mg/dL)	Daily Insulin Use (unit/day)			BMI (kg/m2)			
	≤ 50	51-90	> 90	< 25	25-30	> 30	
180-200	1 unit	2 units	3 units	1 unit	2 units	3 units	
201-250	2 units	4 units	6 units	2 units	3 units	4 units	
251-300	3 units	6 units	9 units	3 units	4 units	5 units	
> 300	Start Infusion of IV insulin per table						
	Consider DKA as a differential diagnosis						
Destruct DO affector to Adi at desire becaute constitution							

Infusion of IV Insulin (Regular)				
BG (mg/dL)	unit/h			
200-239	2			
240-299	3			
300-359	4			
≥ 360	5			

Consideration for insulin infusion:

- surgical length > 4 hours
- complex surgery critical illness
- metabolic instability / poor control

Recheck BG after 60 minutes. Adjust dosing based on response to insulin administration.

Suggested starting doses.

