ICU INSULIN DOSE ADJUSTMENT TABLE
ICU Blood Glucose (BG) GOAL: 80-120 mg/dL

A.	If current BG is <60 then

- **STOP** insulin infusion
- Give 50 mL D50 IV push
- Notify MD/HO
- Check BG every 15 minutes and repeat treatment until BG > 80 mg/dL; then, check BG every 30 minutes until BG is 120 mg/dL
- When BG ≥ 120 mg/dl, restart drip at **40%** of previous rate (0.40 × previous rate)

B.	If current BG is 60 to 80 then

- **STOP** insulin infusion
- Check BG every 30 minutes until BG is 120 mg/dl
- When BG ≥ 120 mg/dl, restart drip at 50% of previous rate (0.50 × previous rate)
- If 2 episodes of BG below 80 in 4 hours, call HO to reevaluate rate

C. If current BG is 81 to 120 and previous BG was:	Action Step 1	Action Step 2: Check BG in
81–100	↑rate by 0.2 unit	1 hr
101–120	No change	1–2 hrs
121–160	↓rate by 0.5 unit	1 hr
161–200	↓rate by 1 unit	1 hr
201–250	↓rate by 1.5 units	1 hr
251–400	↓rate by 2 units	1 hr
>400	↓rate by 3 units	30 mins

D. If current BG is 121 to 160 and previous BG was:	Action Step 1	Action Step 2: Check BG in
120	↑rate by 0.2 units	1 hr
121–160	↑rate by 0.4 units	1 hr
161–200	No change	1 hr
201–250	↓rate by 0.5 units	1 hr
251–400	↓rate by 1 unit	1 hr
>400	↓rate by 2 units	30 mins

E. If current BG is 161-200 and compared to previous BG it has	Action Step 1	Action Step 2: Check BG in
Remained the same or increased	↑rate by 0.5 unit	1 hr
Decreased by ≥1 but <10 then	↑rate by 0.4 unit	1 hr
Decreased by ≥10 but <50 then	No change	1 hr
Decreased by ≥50 but <100 then	↓rate by 0.5 unit	1hr
Decreased by ≥100	↓rate by 1.5 units	30 mins

F. If current BG is >200 and compared to previous BG it has	Action Step 1	Action Step 2: Check BG in
Remained the same or increased	↑rate by 1.2 unit	1 hr
Decreased by ≥1 but <30 then	↑rate by 1 unit	1 hr
Decreased by ≥30 but <100 then	No change	1 hr
Decreased by ≥100	↓rate by 1 unit	30 mins
NOT decreased below 200 after 3 adjustments in infusion rate	Call HO	1 hr

Individualize algorithm for very insulin resistant subjects (insulin infusion > 20 units/hr or BG > 300 for more than 4hr).