

GRADE

1 • Strong For

2 • Suggest For

2- • Suggest Against

Ungraded / Best Practice

## 1 Glucose Target & Monitoring

- 1

Target BG **100–180 mg/dL** for all noncritically ill hospitalized patients with diabetes.
- 2

Use **real-time CGM + confirmatory POC-BG** (rather than POC-BG alone) in insulin-treated patients at **high hypoglycemia risk** — age ≥65, BMI ≤27, TDD ≥0.6 U/kg, CKD ≥3/liver failure/CHF/active malignancy, or prior hypoglycemia — where resources allow. Not valid with hypoperfusion, extensive skin infection, or pressor therapy.
- 2

Use **scheduled insulin therapy** rather than noninsulin therapies for most hyperglycemic patients (with or without known T2D).

## 2 Insulin Strategy by Scenario

| SCENARIO                           | APPROACH                                                                                                                                                      |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No known diabetes, BG >140 mg/dL   | Correctional insulin initially; add scheduled insulin if persistent hyperglycemia (≥2 POC-BG ≥180 mg/dL in 24h)                                               |
| Diet/noninsulin meds pre-admission | Correctional or scheduled insulin initially; add/start scheduled insulin if admission BG ≥180 mg/dL or hyperglycemia persists on correctional alone           |
| Insulin-treated pre-admission      | Continue the scheduled regimen, modified for nutrition/illness severity; reduce basal dose 10–20% if basal-heavy (≥0.6–1.0 U/kg/d)                            |
| On glucocorticoids                 | NPH-based or basal-bolus insulin regimen                                                                                                                      |
| On enteral nutrition               | NPH-based or basal-bolus insulin regimen (diabetes-specific or standard formulas)                                                                             |
| On insulin pump pre-admission      | Continue pump if hospital has pump expertise; transition to basal-bolus SC insulin before day 1–2 if not, or if critically ill/DKA/HHS/impaired consciousness |

## 3 Non-Insulin & Prandial Dosing

- 2

**DPP4i + correction insulin** is an option in select mild T2D (recent HbA1c <7.5%, BG <180, TDD <0.6 U/kg if on insulin) instead of scheduled insulin. Switch to scheduled insulin if BG persists >180 mg/dL on DPP4i.
- 2-

**Against carbohydrate counting** for prandial dosing in noninsulin-treated T2D newly needing prandial insulin; carb counting **or** fixed dosing both reasonable in T1D/insulin-treated T2D.

## 4 Perioperative & Discharge

- 2

**Elective surgery:** target preop HbA1c <8% and BG 100–180 mg/dL (1–4h preop); if HbA1c <8% isn't feasible, target BG alone. **Against** preoperative carbohydrate-containing oral fluids in T1D, T2D, or other diabetes.
- 2

**Discharge planning:** provide inpatient diabetes education (survival skills, follow-up scheduling, medication/supply access) as part of a comprehensive discharge process — prioritize high-readmission-risk, diabetes-related admissions, and newly diagnosed/newly insulin-started patients if resources are limited.