

Insulin Calculator Trial Steps

- **Step 1.** Identify eligible patients
- **Step 2.** Informed consent (If patients do not have capacity, can obtain consent from LAR in-person)
- **Step 3.** Collect info from patients:
 - ✓ *Current appetite (50%, 75%, 100%)*
 - ✓ *Meal numbers planned for the first 24 hours (1-3 meals)*
 - ✓ *Home insulin daily dose (on a regular day)*
 - ✓ *Home glucocorticoid dose (in the past 24 hours)*
 - ✓ *Last basal insulin (type, dose, hours before admission)*
- **Step 4.** Online calculator and consent form
<https://inpatientinsulin.com> (pw: uwmedicine).
- **Step 5.** Epic text the last page of calculator summary to PI:
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- **Step 6.** After any insulin dose given, can adjust insulin as routine

Key points of consent forms

- The purpose of this study is to look at whether using a standardized calculator of insulin dosages is safe and effective when patients come to the hospital.
- If you decide to be in this study, we will start your insulin dosages by the calculator. Otherwise, we will start the dosages by experience.
- In either case, we will continue to monitor your blood sugar as usual and adjust your insulin as needed.
- Using the calculator has the potential to better control your blood sugar, but there is a theoretical risk of your blood sugar going to low. This risk of low blood sugar also exists when we start the dosages by experience.