



# INSULIN SIMULATOR

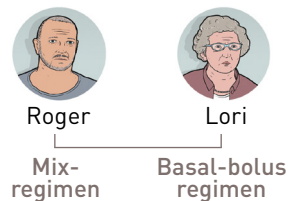
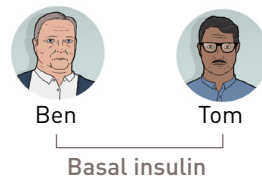
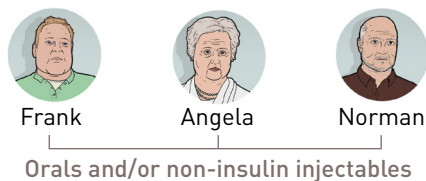
## Demystifying How Insulin Impacts Glucose Control in Real Time

The Insulin Simulator is an innovative new tool designed to educate healthcare providers on how their treatment decisions on insulin regimens and lifestyle changes impact blood glucose values of patients with type 1 or type 2 diabetes using hypothetical patient profiles.

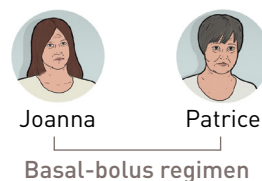
- Understand the impact of different insulin treatments on blood glucose values
- Gauge the impact of carbohydrate content of meals and physical activity levels on blood glucose control
- Explore different management scenarios using hypothetical patients with type 1 or type 2 diabetes
- Facilitate understanding of how treatment decisions impact blood glucose values throughout the day and night, as well as HbA1c and time in range

Practice with 9 unique patient profiles of individuals with type 1 or type 2 diabetes.

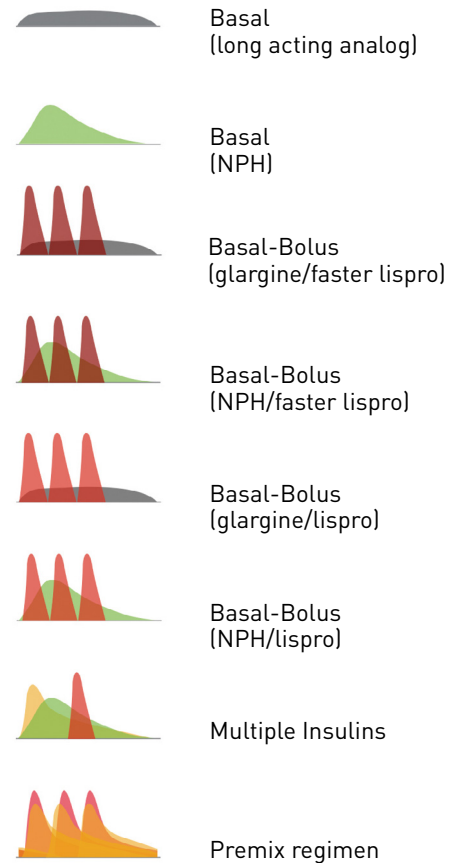
### Type 2 Diabetes



### Type 1 Diabetes



Assess 8 different insulin regimens and their impact on a patient's blood glucose.



## Set management parameters.

Change Patient

The patient's activity level:  
Light activity

Choose physical activity level

The patient's diet:  
Middle carbohydrate diet

Choose meal plan

Insulin regimen:  
Basal-Bolus (glargine/faster lispro)

Change insulin regimen

Previous Total Daily Dose 20

Recommended Dose Increase 10

Total Daily Dose 20

Change patient to one of the 9 unique patient profiles

Consider suggesting changes in patient activity level

Consider suggesting changes in patient meal plan

Select an appropriate insulin regimen for your patient

RUN HbA1c and TIR

Breakfast  
Insulin glargine 0  
Faster acting insulin lispro 100/200 2

Lunch  
Faster acting insulin lispro 100/200 2

Dinner  
Faster acting insulin lispro 100/200 4

Evening  
Insulin glargine 12

Continue treatment

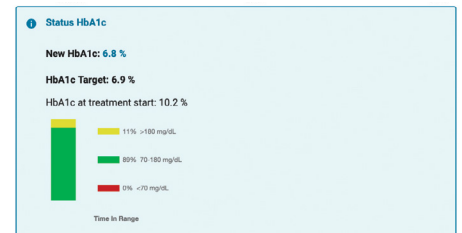
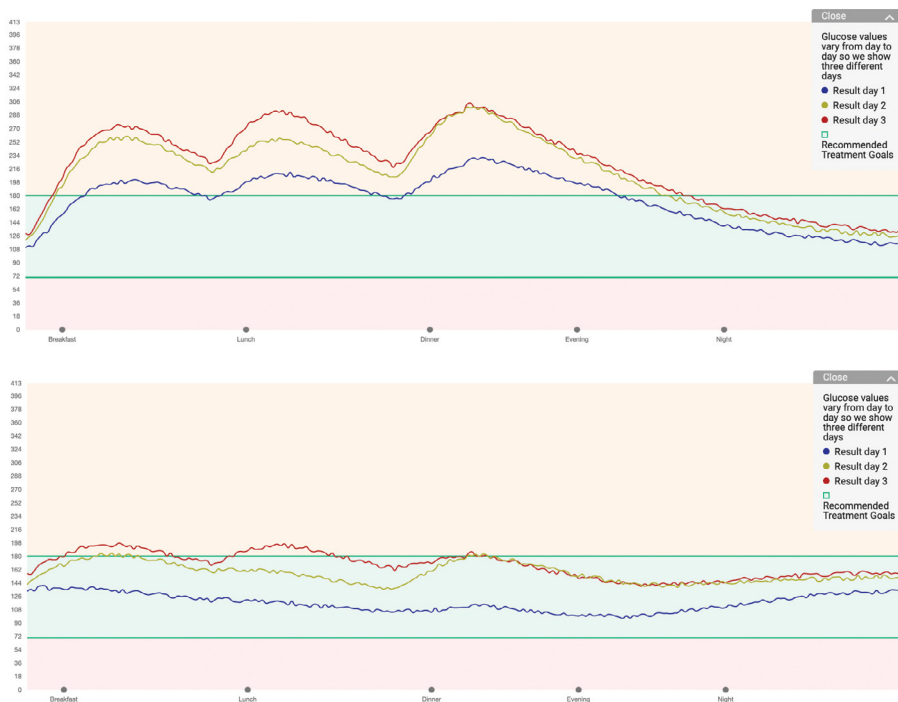
Once you are happy with the treatment for your selected patient, you can confirm by running a final HbA1c test. Or run one at anytime to check progress.

Run an HbA1c test at any time during dose optimization to see progress

Modify dosing

Select "Continue Treatment" with each dose change to see the effect on the patient's blood glucose values

## Visualize the impact that insulin and lifestyle changes have on blood glucose.



To access the Insulin Simulator, scan the QR code with your smartphone camera.

<http://insulinsimulator.Lilly.com>

