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**
- Frank
- Angela
- Norman

Orals and/or non-insulin injectables
- Ben
- Tom

Basal insulin
- Roger
- Lori

Mix-regimen Basal-bolus regimen

**Type 1 Diabetes**
- Joanna
- Patrice

Basal-bolus regimen

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

- Basal (long acting analog)
- Basal (NPH)
- Basal-Bolus (glargine/faster lispro)
- Basal-Bolus (NPH/faster lispro)
- Basal-Bolus (glargine/lispro)
- Basal-Bolus (NPH/lispro)
- Multiple Insulins
- Premix regimen
Visualize the impact that insulin and lifestyle changes have on blood glucose.