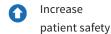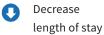# Glytec®

eGlycemic Management System®

Enhance patient safety, improve quality outcomes and decrease costs throughout the continuum of care.
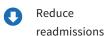
Glucommander™, our FDA-cleared software, delivers **personalized insulin dosing recommendations** at the point of care while maximizing workflow efficiency for doctors and nurses.

Along with the other modules in our **eGlycemic Management System (eGMS)**, Glucommander helps providers manage patients across the continuum of care. We support intravenous, subcutaneous and outpatient insulin management as well as the transitions between these stages.

Our eGMS has been implemented at nearly **300 hospitals** and has been repeatedly proven to:

| ⬆ Increase patient safety | ⬇ Decrease length of stay | ⬇ Reduce readmissions | ⬇ Drive down overall cost of care |

Results from real hospitals using Glytec's eGMS:

99.8% reduction in frequency of severe hypoglycemia[2]

3.2 days reduction in average length of stay[3]

36-68% reduction in 30-day readmissions for AMI, CHF and CABG patients[4]

30 MIN

Time savings of 30 minutes per provider per shift compared to manual basal-bolus titration[1]

$9.7M

$9.7 million in savings in the first year at a 610-bed regional medical center[1]

What can Glytec's eGMS do for your health system?

Support insulin dosing decisions across the continuum of care, including IV, SubQ and outpatient

Integrate directly with your EMR to support one-click access and reduce redundant data entry

Monitor and identify patients at risk for hyperglycemia, and alert staff

Facilitate coordination of insulin therapy within clinical teams, especially during shift changes

Track glucose control KPIs with built-in reporting and analytics

Facilitate hospital-to-home discharge recommendations

The eGlycemic Management System® is a modularized solution for glycemic management across the care continuum that includes Glucommander™. Glucommander™ is a prescription-only software medical device for glycemic management intended to evaluate current as well as cumulative patient blood glucose values coupled with patient information including age, weight and height, and, based on the aggregate of these measurement parameters, whether one or many, recommend an IV dosage of insulin, glucose or saline or a subcutaneous basal and bolus insulin dosing recommendation to adjust and maintain the blood glucose level towards a configurable physician- determined target range. Glucommander™ is indicated for use in adult and pediatric (ages 2-17 years) patients. The measurements and calculations generated are intended to be used by qualified and trained medical personnel in evaluating patient conditions in conjunction with clinical history, symptoms, and other diagnostic measurements, as well as the medical professional's clinical judgement. No medical decision should be based solely on the recommended guidance provided by this software program.

Glucommander™ is only available for use in the United States.

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References

1.   Safely Converting From Sliding Scale to Basal Bolus Insulin Across an Entire Medical Center via Implementation of the eGlycemic Management System. American Diabetes Association Scientific Sessions, June 2017.

2.   Risk of Hypoglycemia During Insulin Infusion Directed by Paper Protocol Versus Electronic Glycemic Management System in Critically Ill Patients at a Large Academic Medical Center. Journal of Diabetes Science and Technology, Jan 2018.

3.   Safely Converting an Entire Academic Medical Center From Sliding Scale to Basal Bolus Insulin via Implementation of the eGlycemic Management System. Journal of Diabetes Science and Technology, Jan 2018.

4.   Relationship Between Glycemic Control Using eGMS and Readmission Rates in Cardiovascular Patients Hospitalized with AMI, CHF or Undergoing CABG During the Implementation of a System Wide Glycemic Initiative. Diabetes Technology Meeting, Nov 2016.

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