Glytec

Insulin management, *optimized.*

Glytec's eGlycemic Management System® enhances patient safety, improves quality outcomes and decreases costs throughout the continuum of care.

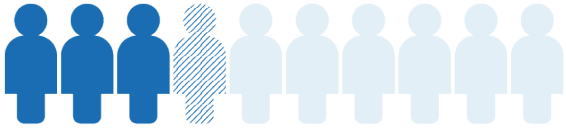
FIND INSIDE:

- What's wrong with the insulin management status quo?
- What is Glytec's eGlycemic Management System® (eGMS)?
- What does Glytec do for health systems?
- How does the use of eGMS impact clinical and financial outcomes?

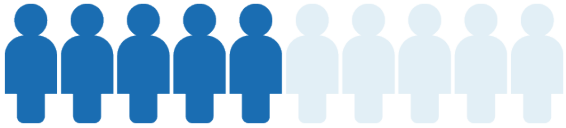
THE PROBLEM

Glucose control must be a top priority...

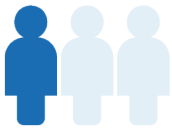
Uncontrolled blood glucose is a key driver of patient risk and costly clinical outcomes like prolonged length of stay and high readmission rates.



30-40% of inpatients (with or without diabetes) require insulin therapy during their stay.[1-3]



50% of all medication errors involve insulin.[1]



1/3rd of all fatal medication errors involve insulin.[1]

Hypoglycemia is the third-most common adverse drug event among Medicare patients.[4]

Hypoglycemia is associated with increased in-hospital mortality, longer hospital stays and higher medical costs.[5-8]

...but therapeutic inertia keeps patients at risk.

Despite a long history of evidence demonstrating its potential dangers, the majority of healthcare providers still treat patients using solely sliding scale insulin therapy (SSI) rather than managing insulin with the safer and more effective basal-bolus insulin therapy (BBI).

In addition, many hospitals have no regular reporting of glycemic metrics, meaning the extent of the problem goes unrecognized.

> *"Use of only a sliding scale insulin regimen in the inpatient hospital setting is strongly discouraged."*
>
> — American Diabetes Association, 2020 [9]

THE SOLUTION

eGMS: A tech-driven method for improving glucose control

Glytec's eGlycemic Management System™ has been proven to help hospitals overcome therapeutic inertia and drive the adoption of basal-bolus insulin therapy among providers.

Glucommander, our FDA-cleared insulin management software, delivers decision support at the point of care, accounting for a range of variables to provide **personalized insulin dosing recommendations** while maximizing workflow efficiency for doctors and nurses.

Our technology has been implemented at nearly 300 hospitals and has been repeatedly proven to increase patient safety, decrease length of stay, reduce readmissions and drive down overall cost of care. Glytec's eGMS also enables detailed reporting of glycemic management metrics like incidence of hyperglycemia and hypoglycemia, time to target, patient utilization, blood glucose ranges and more.

Glytec solutions are available across the continuum of care. We support intravenous, subcutaneous, and outpatient insulin management as well as the transitions between these stages.

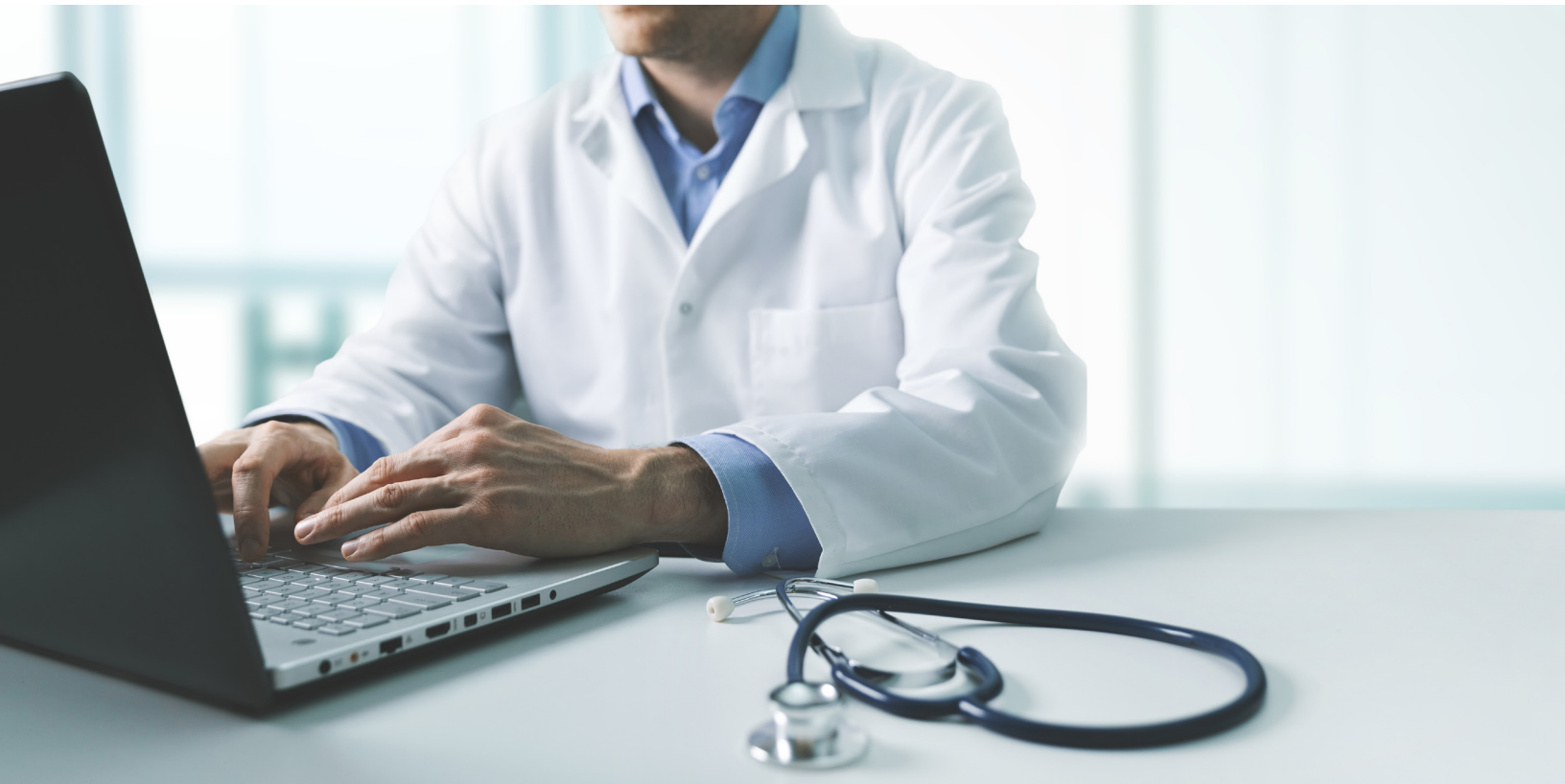
eGMS Insulin Management Software Includes:

CAPABILITIES

What can Glytec eGMS do for your health system?

- Support basal-bolus 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

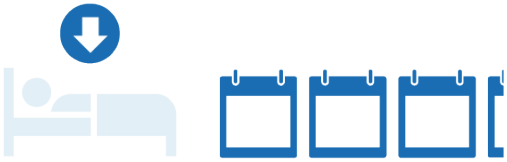
Glytec also offers a range of **professional services** to help you achieve effective glucose control, including assistance with change management, user training and ongoing reporting.



RESULTS

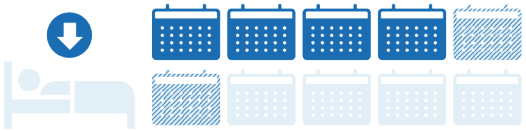
Glytec's eGMS: proven to make a difference.

Hospitals using Glytec's eGMS have achieved the following results:



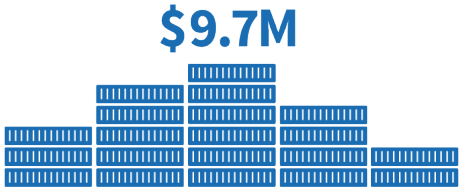
3.2 days reduction in average length of stay[10]

Time savings of 30 minutes per provider per shift compared to manual basal-bolus titration[13]



36-68% reduction in 30-day readmissions for AMI, CHF and CABG patients[11]

99.8% reduction in frequency of severe hypoglycemia[12]



$9.7 million in savings in the first year at a 610-bed regional medical center[13]

We're here for you.

Contact Glytec to schedule a demo or discuss next steps.

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11. 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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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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