

Glycemic Management 101

Dr. James Desemone
Albany Medical Center



EQIC
EASTERN US QUALITY
IMPROVEMENT COLLABORATIVE

Welcome!



Agenda

- Brief overview of EQIC Glycemic Management Approach
- Syllabus
- Data refresh
- Dr. James Desemone's presentation on Basal Bolus

Glycemic Management Syllabus

Inpatient Glycemic Management Sprint Syllabus



EQIC is pleased to launch our **Inpatient Glycemic Management sprint** focused on reducing insulin-related adverse drug events. Patients with diabetes can be complex to manage, and hypoglycemic episodes can be sudden and severe and may lead to other complications and harm. Thus, reducing insulin ADEs remains a top priority for our EQIC hospitals.

To register for webinars, visit the [EQIC Events page](#). For questions related to this content or to join the opioids listserv, please contact Aashna Taneja (ataneja@hanys.org) or Lindsay Milchtein (lmilchte@hanys.org).

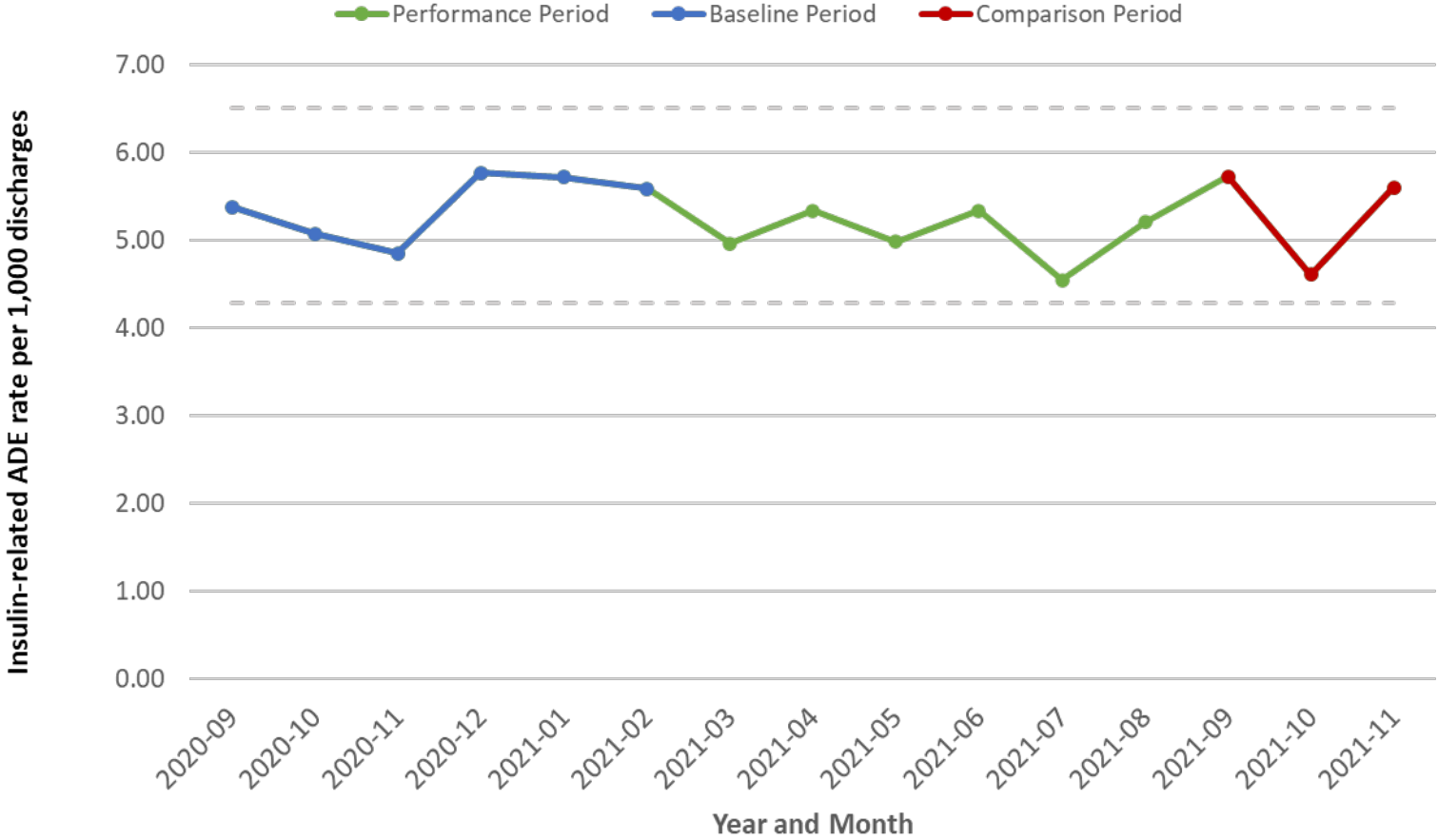
Sessions in this sprint will explore basal-bolus therapy, perioperative insulin care, medication management and discharge planning.

Calendar	Glycemic Management and ADE Objectives	Related Tools
Inpatient Glycemic Management 101: Kickoff and introduction to Basal-Bolus Therapy <i>Subject matter expert: James Desemone, MD, FACP, CPE, Associate Professor of Medicine, Diabetes, Endocrinology and Metabolism, Albany Medical College</i>		
Webinar 1 Tuesday, April 26 1 - 2 p.m.	By the end of this session, participants will be able to: <ul style="list-style-type: none"> review hospital data and glycemic performance metrics; establish a leadership oversight/ADE committee; understand basal-bolus therapy; explore practical applications of diabetic management; and review care team responsibilities. 	<ul style="list-style-type: none"> EQIC Insulin ADE Discovery Tool Team Action Planning Worksheet for Insulin Society of Hospital Medicine Glycemic Control Implementation Guide Additional resources from speaker
Optimizing Glucose Management in Hospitalized Patients <i>Subject matter expert: James Desemone, MD, FACP, CPE</i>		
Webinar 2 Tuesday, May 24 1 - 2 p.m.	By the end of this session, participants will be able to: <ul style="list-style-type: none"> understand hypo/hyperglycemia guidelines/standards of care; recognize the early and later symptoms of hypo/hyperglycemia for at-risk patients; identify the various treatments of hypo/hyperglycemia; and implement subcutaneous insulin order sets and insulin infusion protocols and order sets. 	<ul style="list-style-type: none"> ADA Standards of Care Inpatient Management of Hyperglycemia and Diabetes Inpatient Management of Hyperglycemia Inpatient hyperglycemia management: A practical review for primary medical and surgical teams Inpatient Diabetes Guideline for Adult Non-Critically Ill Patients

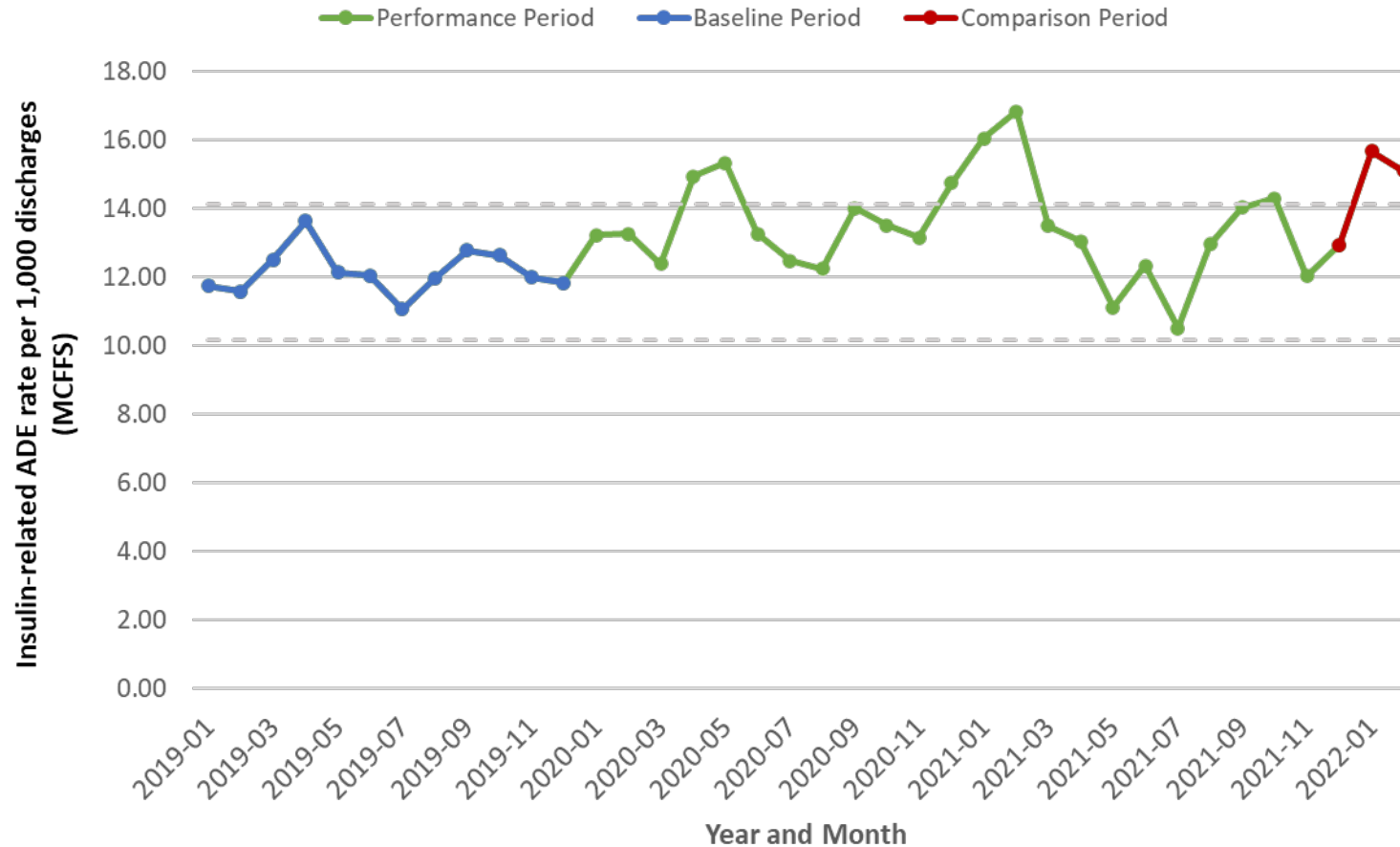
Glycemic Management Syllabus

Calendar	Glycemic Management and ADE Objectives	Related Tools
<p>Perioperative Glycemic Management <i>Subject matter experts: Felicia A. Mendelsohn Curanaj, MD, Director, Inpatient Glycemic Management Program, Weill Cornell Medicine and Jane Jeffrie Seley, DNP, MPH, CDCES, Assistant Professor, Medicine, Weill Cornell Medicine</i></p>		
<p>Webinar 3 Tuesday, June 28 Noon - 1 p.m.</p>	<p>By the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> • understand standards of care/safe practice recommendations (ISMP); • assess options for medication administration complications; • understand medication adjustments relative to surgery; • review glucose monitoring pre- and post-surgery; and • review best practices for achieving glycemic targets in ICU and non-ICU units. 	<ul style="list-style-type: none"> • Glycemic Management Pocket Card – NYP/Weill Cornell Medical Center
<p>Medication Management and Discharge Planning <i>Subject matter experts: Felicia A. Mendelsohn Curanaj, MD, and Jane Jeffrie Seley, DNP, MPH, CDCES</i></p>		
<p>Webinar 4 Tuesday, July 26 Noon - 1 p.m.</p>	<p>By the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> • review medication interactions and considerations for ADE; • identify high-risk medications; • review care team considerations to reduce ADE; • explore considerations for discharge planning and outpatient follow up; and • review guidance on patient self-education/management of insulin. 	<ul style="list-style-type: none"> • ISMP Adverse Glycemic Events and Critical Emergencies

EQIC Insulin ADE rate



EQIC Insulin ADE rate (MCFFS)



EQIC Insulin ADE rate (MCFFS)

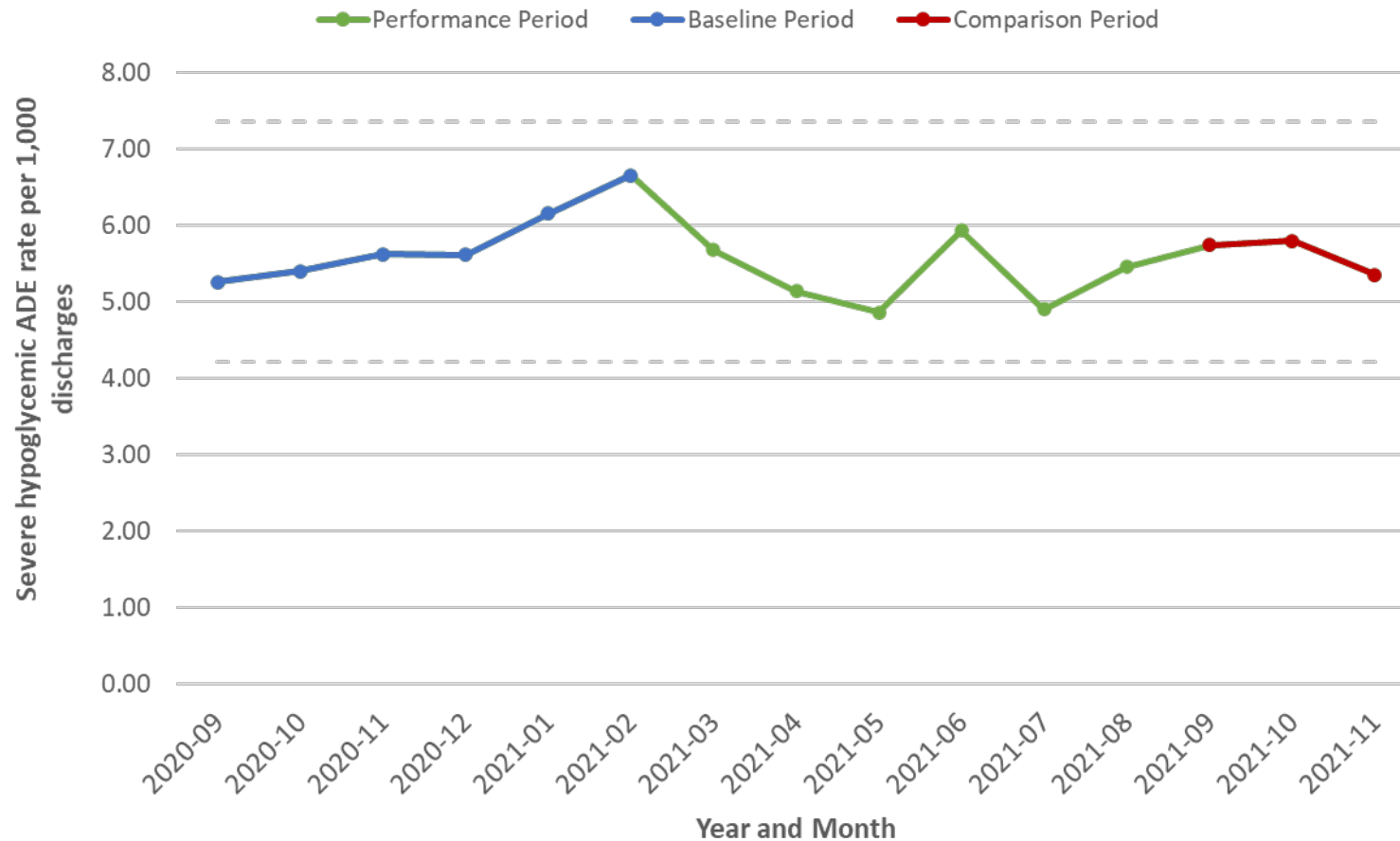
Insulin ADE events:

- Ketoacidosis
- Hyperglycemia
- Hypoglycemic
- Poisoning by insulin
- Hyperosmolarity
- Coded adverse event of insulin

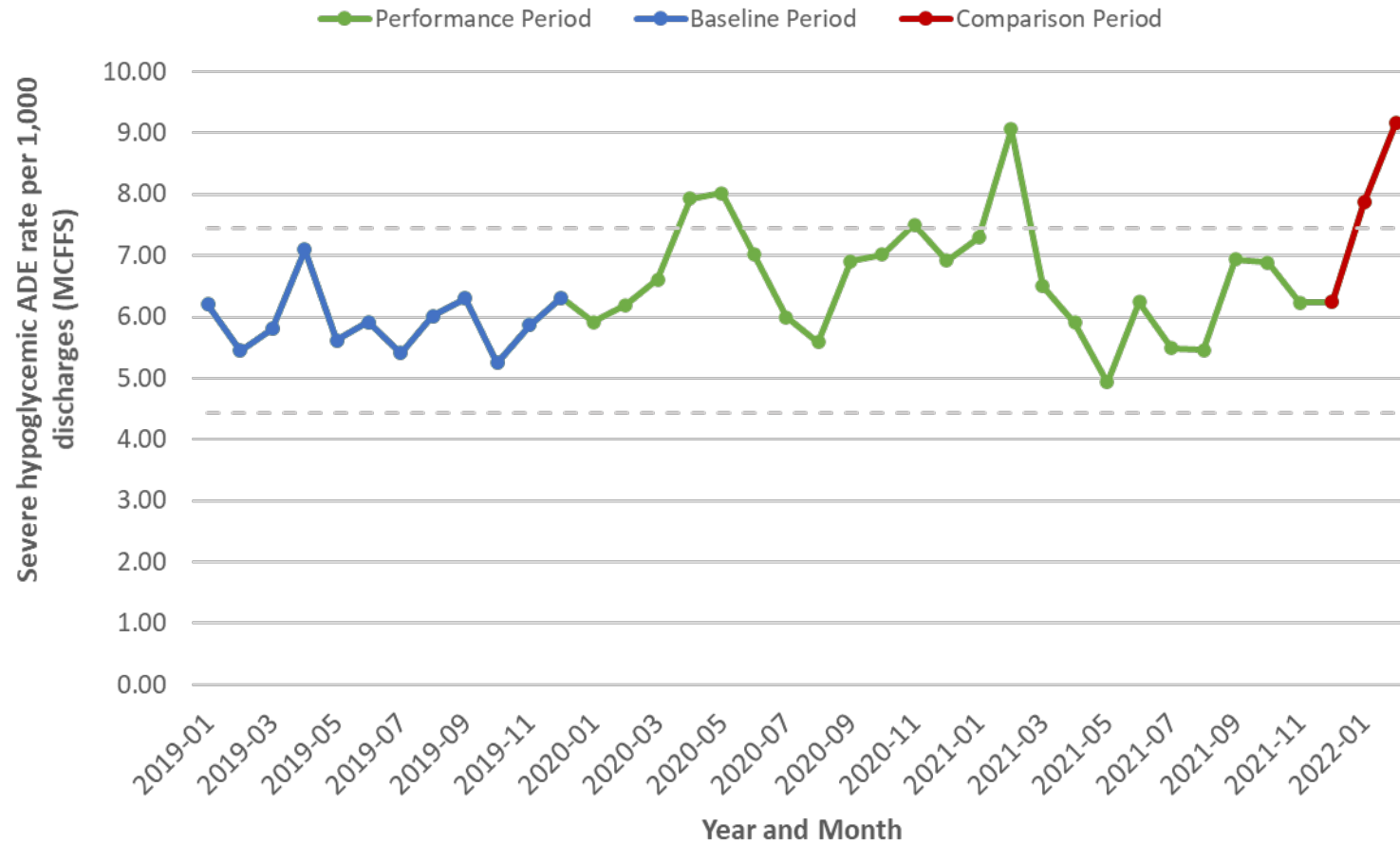
For a full list, please visit the EQIC data portal webpage and select code sets:

<https://qualityimprovementcollaborative.org/data/>

EQIC severe hypoglycemic ADE rate per 1,000 discharges



EQIC severe hypoglycemic ADE rate per 1,000 discharges (MCFFS)



Next steps



- Review glycemic management syllabus
- Determine team members to approach work
- Review current glycemic practices to determine how basal-bolus can be supported in your institution

Thank you.



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