



CLEAR THE WAY TO A MORE EFFICIENT EMERGENCY DEPARTMENT

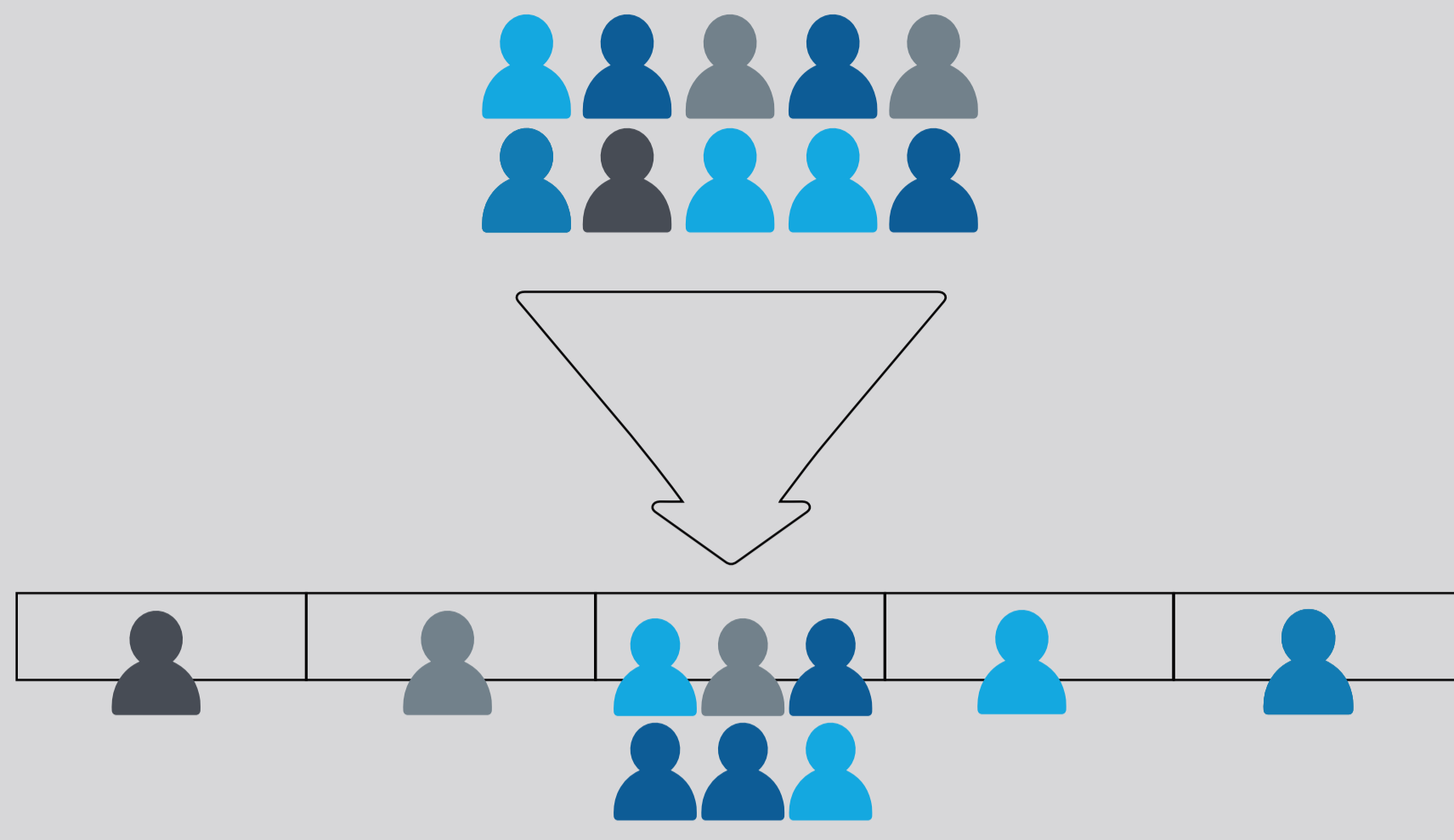
Leveraging artificial intelligence to support triage and help improve care

Did you know?

At most hospitals today,

50-70%

of emergency department (ED) patients are triaged to Level 3 Emergency Severity Index (ESI)^{1,2}



Traditional, subjective triaging methods limit nurses' and clinicians' ability to consistently stratify at-risk patients. This can:



Obstruct ED flow



Delay door-to-admissions decisions³⁻⁷

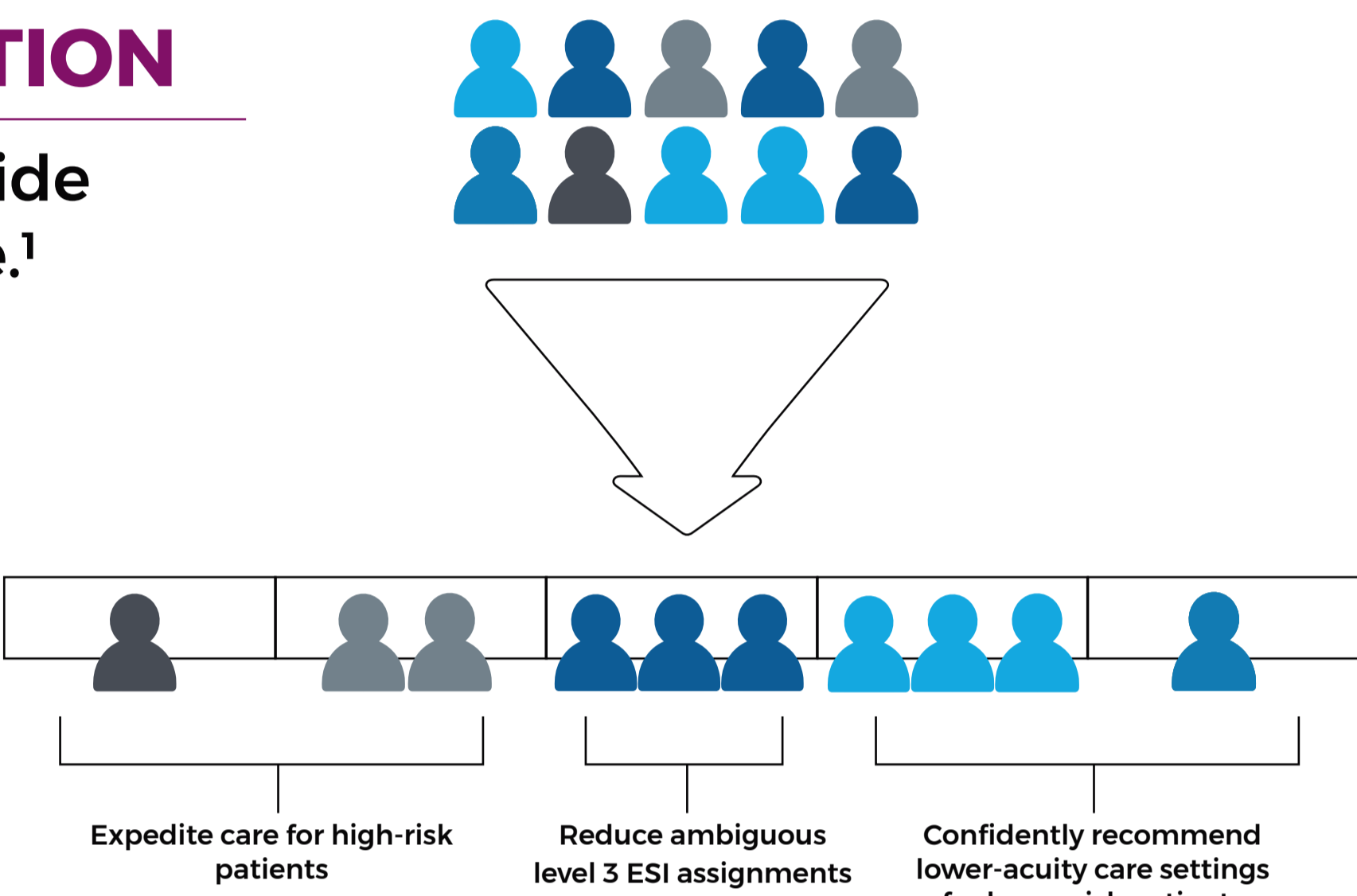


Extend wait times

What Could Objective, Data-Driven and Patient-Centered Triage Do for Your Emergency Department?

IMPROVE EARLY IDENTIFICATION

Reliably differentiate patients to provide the right level of care at the right time.¹



ENHANCE OPERATIONAL EFFICIENCY

Objective, data-driven triaging has been shown to boost ED operations in more ways than one.



Allocate limited resources appropriately



Free up beds to speed throughput and increase capacity

An ED could increase their revenue opportunity by **~\$450K annually** (based on a site with ~52K annual visits)⁸⁻¹⁰

EDs using data-driven triage systems have gained **8,500+ Bed Hours** annually⁸

IMPROVE PATIENT EXPERIENCE

Improve patient satisfaction with an efficient, patient-centered triage process.



Accelerate door-to-admit-decision by **35 minutes**⁸



When appropriate, recommend lower-acuity care settings

Speed time-to-emergent-care for high-risk patients by an average of **61-82 minutes**¹¹

DESIGNED TO IMPROVE CLINICAL EXPERIENCE

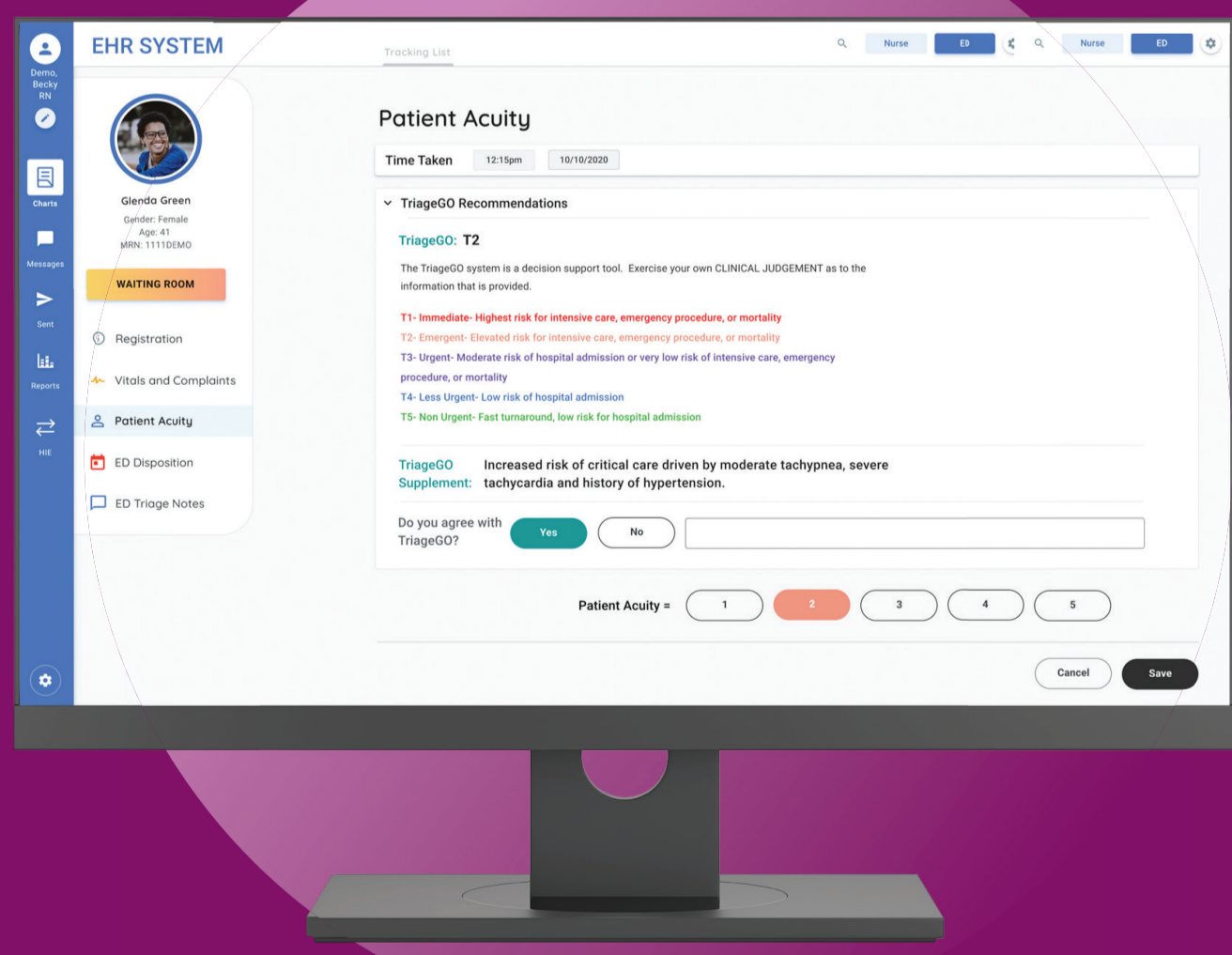
Reduce the burden on your staff with decision support they can count on as part of their existing EHR workflows.



Reduce cognitive load with a triage process fully embedded into your EHR



Improve care team confidence with objective, data-driven clinical decision support



Meet TriageGO

TriageGO is a clinical decision support tool used in emergency departments (ED) that utilizes artificial intelligence (AI) to scan routinely available triage data such as patient's presenting complaints, vital signs, demographic information, and medical history from the Electronic Health Record (EHR) to provide a triage level recommendation between 1-5. This can be accessed by examining health care professionals (HCPs) to aid in their assessment of triage level during patient evaluation.

It is the responsibility of qualified examining HCPs to employ their appropriate clinical judgement to make triage level assignments.

The TriageGO solution applies machine learning (artificial intelligence) to:



Analyze patient data at presentation in the ED



Compare with additional visit data from your health system



Recommend and explain triage acuity to inform HCP decision making

Enjoy a Seamless and Rapid System Integration



Efficient Epic- and Cerner-powered installation



Low-hassle training, including effective train-the-trainer



Every installation is customized based on each ED's data

Ready to Clear the Way to Better ED Triage?

Discover what TriageGO could do for you at beckmancoulter.com/triagego

References: 1. Levin S, Toepfer M, Harrook E, Hinson J, Barnes S, Gardner H, Dugas A, Linton B, Kinch T, Kelen G. Machine Learning-Based Triage More Accurately Differentiates Patients with Respect to Clinical Outcomes Compared to the Emergency Severity Index. *Ann Emerg Med*. 7(6):565-574. 2018.