

EMRAM Modernization: *Discover What's New in 2022*

Philip W. Bradley

Digital Health Strategist, HIMSS

Welcome

Philip W. Bradley

Digital Health Strategist, HIMSS



Our Business Philosophy

Vision

To realize the full health potential of every human, everywhere.

Mission

Reform the global health ecosystem through the power of information and technology.

Digital health transformation enables organizations to implement information and technology to better serve their communities and create lasting change in the global health ecosystem.



*HIMSS provides organizations with research-based insights and guidance—optimizing their digital health transformation through the power of **measurement and strategy.***



Digital Maturity Assessments



Evidence of Progress

Documents progression towards digital maturity



Measure Capacity

Develops capacity for the delivery of digitally enabled care



Inform Strategy

Provides a strategic roadmap to advance digital transformation within a broader digital strategy

The History of EMRAM

- **2005**
Focus on achieving near-paperless environments
- **2018**
Focus on advancing technology adoption to enable data-informed clinical processes
- **2022 [NEW]**
Focus shifting from process to clinical outcomes, patient engagement and clinician use of EMR



What the Market is Saying

The need to modernize EMRAM was a combination of a changing environment, advancing technologies and the market's desire to drive change. Four common themes emerged to directionally shape our focus:



Outcomes Focused

"The focus on outcomes will help us make the business case to profile the value of advancing from Stage 4 to 5."



Aspirational

"This new version of EMRAM 2022 is really going to push us, and we need to be pushed."



Greater Flexibility and Global Relevance

"It's important to provide flexibility for health systems/hospitals, globally."



Meaningful Patient Engagement

"We have to move beyond simply making data available on patient portals and we have to move to engaging patients in much more meaningful ways."

Note: All quotes have been provided by Working Group members

Modernizing EMRAM

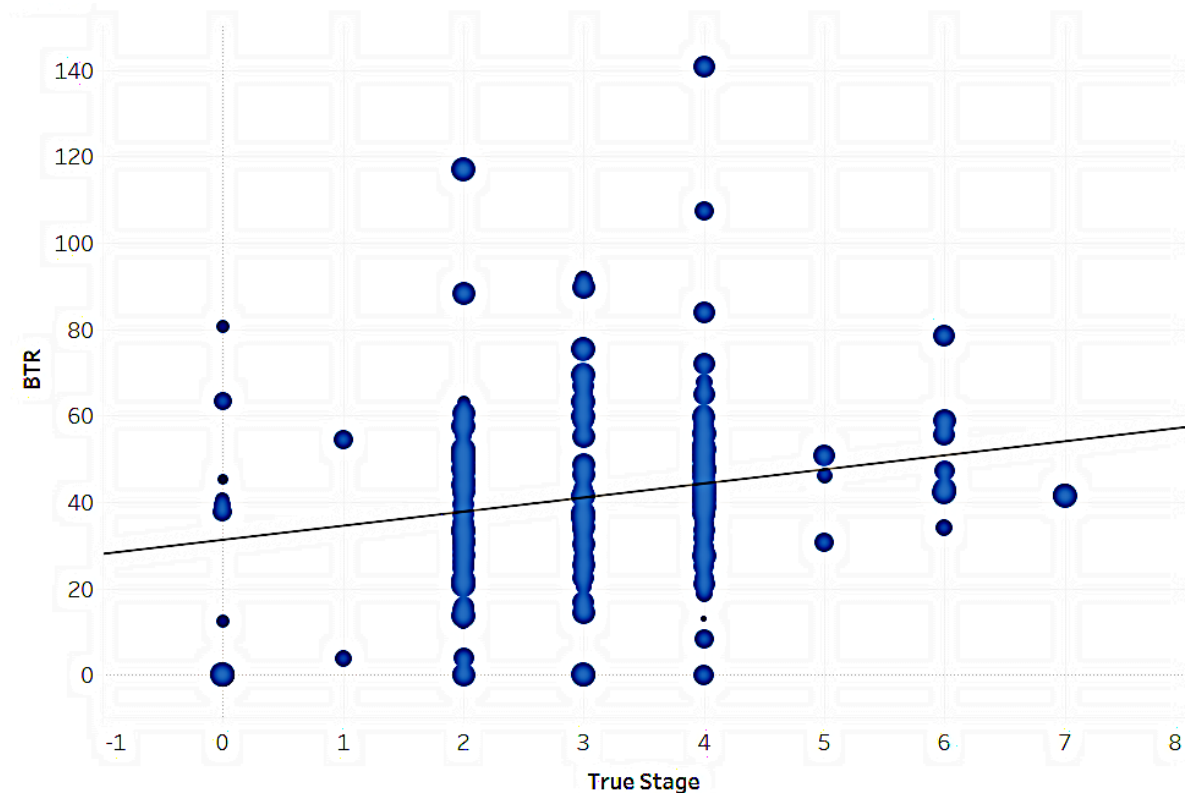
GOAL: Driving the industry forward with an outcomes-driven approach—identifying risks to health progress, empowering providers to proactively mitigate risk and expand digital capacity—ultimately strengthening organizational performance and health outcomes across patient populations



Note: This EMRAM 2022 overview is a preliminary review and is subject to change until launch on January 1, 2022

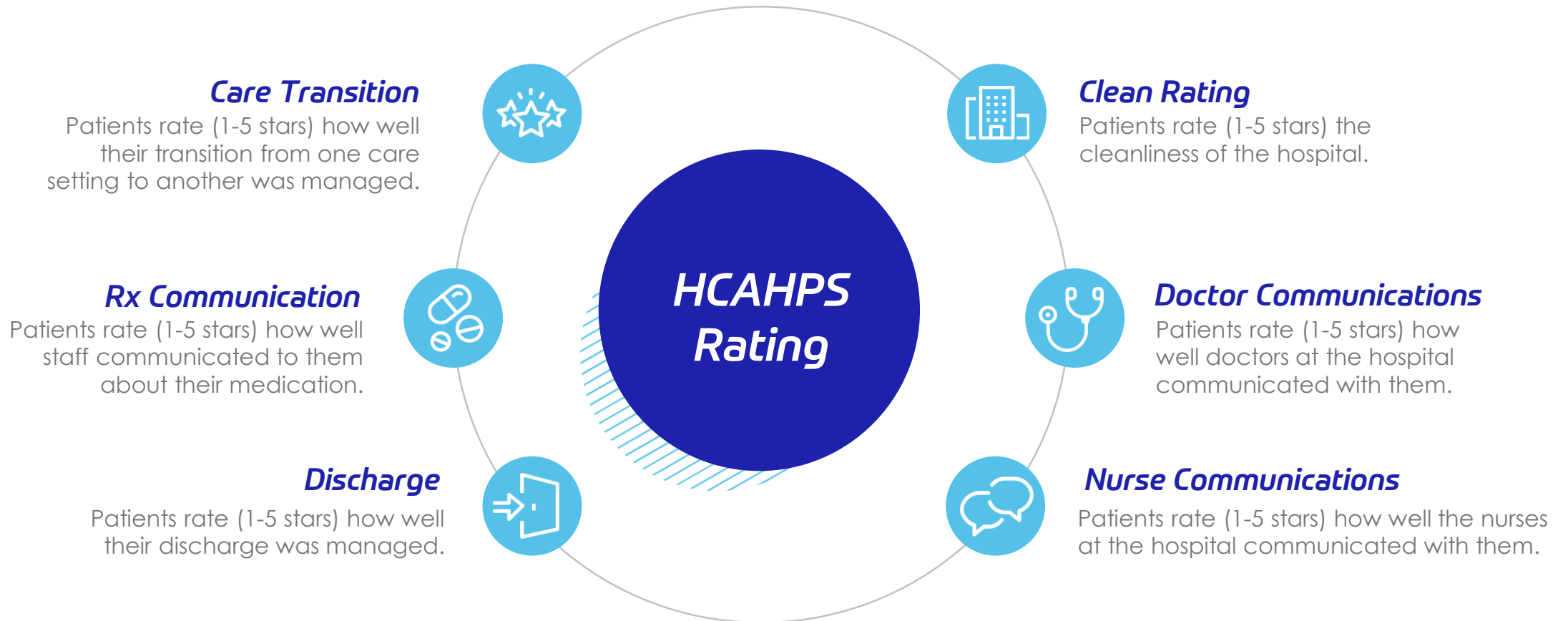
Operational Outcomes—Productivity (U.S. data)

- **BED TURNOVER RATE:** The number of patients treated per hospital bed (*Total Discharges/Total Beds*)
- US hospitals at EMRAM Stage 7 have statistically significantly higher Bed Turnover Rates compared to hospitals with EMRAM Stages 0-4



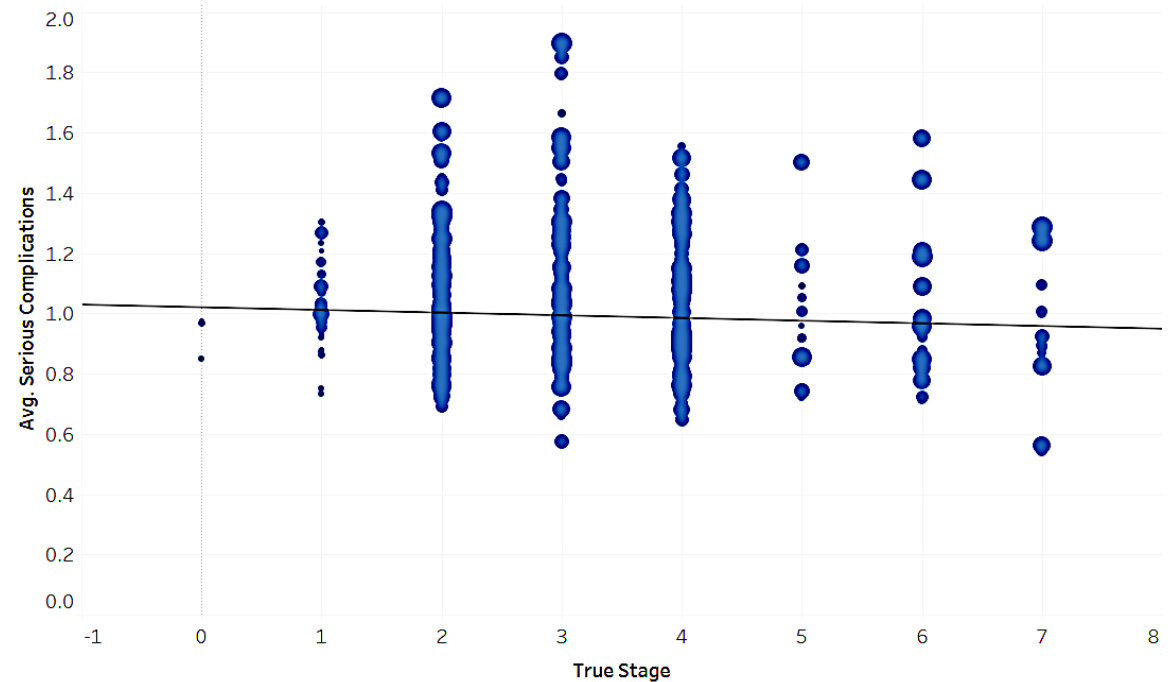
Patient Experience

Patient ratings are higher in advanced digital maturity, all statistically significant.



Patient Safety—Rates of Serious Complications

- Measures the rate of serious complications in patients
- The higher the digital maturity, the statistically significantly lower the rate of serious complications



The Value of EMRAM22

- ✓ Offers a more detailed roadmap to ease adoption and begin your digital transformation journey towards aspirational outcomes
- ✓ Creates evidence-based data showing achievable outcomes at each stage answering the question: So what?
- ✓ Optimizes digital work environments
- ✓ Improves organizational performance & financial sustainability
- ✓ Builds a robust sustainable workforce
- ✓ Supports exceptional patient experience



Summary of Key Changes



Outcomes Focused

Shifting focus from 'technology enabled' to 'outcomes driven'



Ambulatory Inclusion

Outpatient clinics managed by the acute hospital setting or administering high-risk meds will be included



Scoring Changes

Likert Scale with 70% threshold to achieve stage validation



Person Enabled

Focused on meaningfully engaging patients with clinician teams to manage health and wellness



Time-Bound

Stage 6 & 7 standards are required to be maintained to the currently available standards, every 3 years



Prep Guides

Stage 7 requirements are now evaluated in the online assessment and are not located in the Prep Guide. The guide is now a narrative describing the validation process

Note: This EMRAM 2022 overview is a preliminary review and is subject to change until launch on January 1, 2022

How will Scoring Change

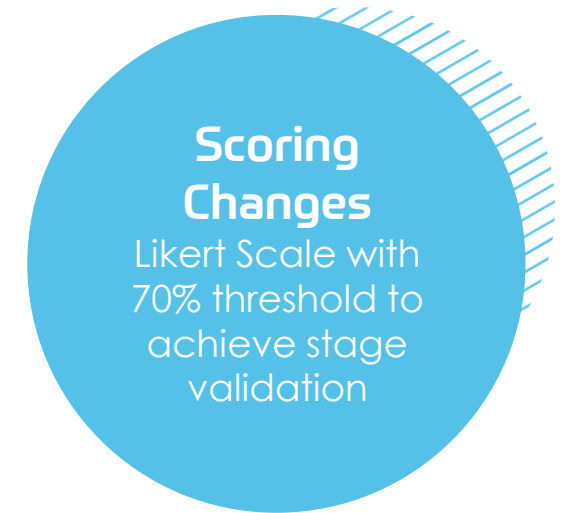
Moving to a Likert Scale from the binary Y or N response

- Not Enabled
- Minimally Enabled
- Somewhat Enabled
- Mostly Enabled
- Fully Enabled

Must achieve 70% of all requirements in a Stage to progress to the next

Hard Stop requirements still exist

- Scanned 95%+ over the Previous Four Months: Medications, Blood Products, Human Milk, Specimen Collections, etc.



Note: This EMRAM 2022 overview is a preliminary review and is subject to change until launch on January 1, 2022

Focus Areas



**Data Capture
& Health
Information
Exchange**



**Patient
Engagement**



**Healthcare
Analytics &
Outcomes
Measurement**



**Resilience
Management**

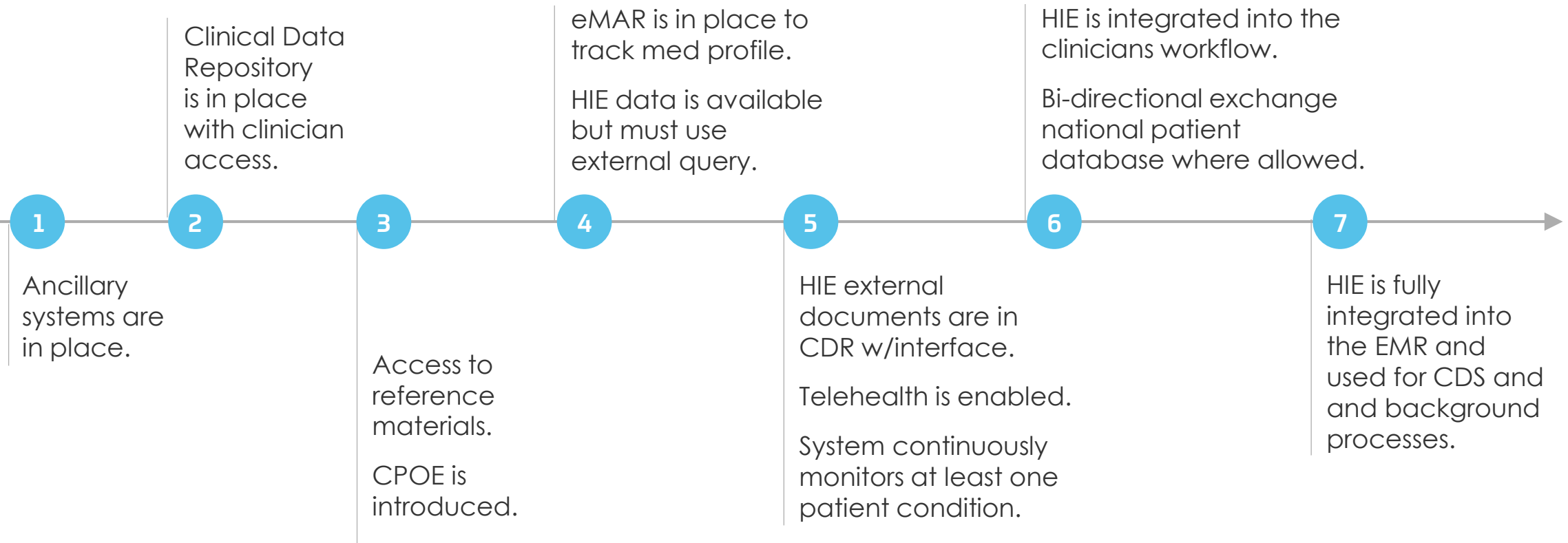


**Clinical
User
Adoption**

Note: This EMRAM 2022 overview is a preliminary review and is subject to change until launch on January 1, 2022

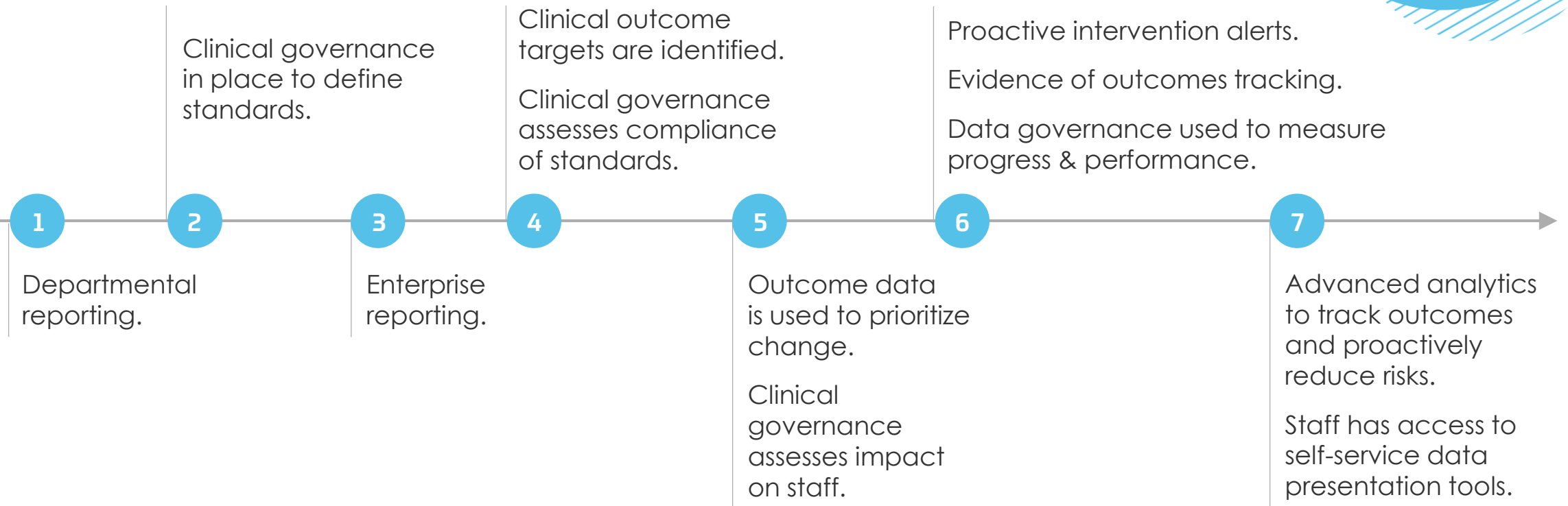
Modernizing EMRAM—Stage Progression

Data Capture
& Health
Information
Exchange



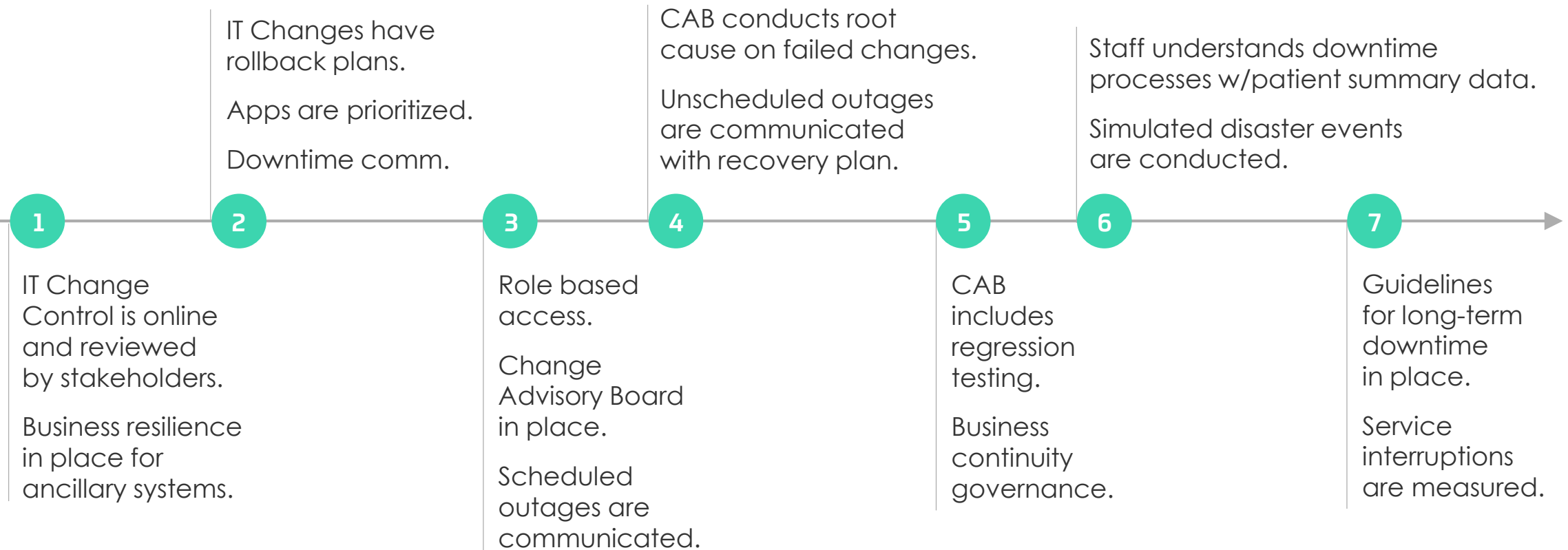
Modernizing EMRAM—Stage Progression Highlights

Healthcare Analytics & Outcomes Measurement



Modernizing EMRAM—Stage Progression Highlights

Resilience Management

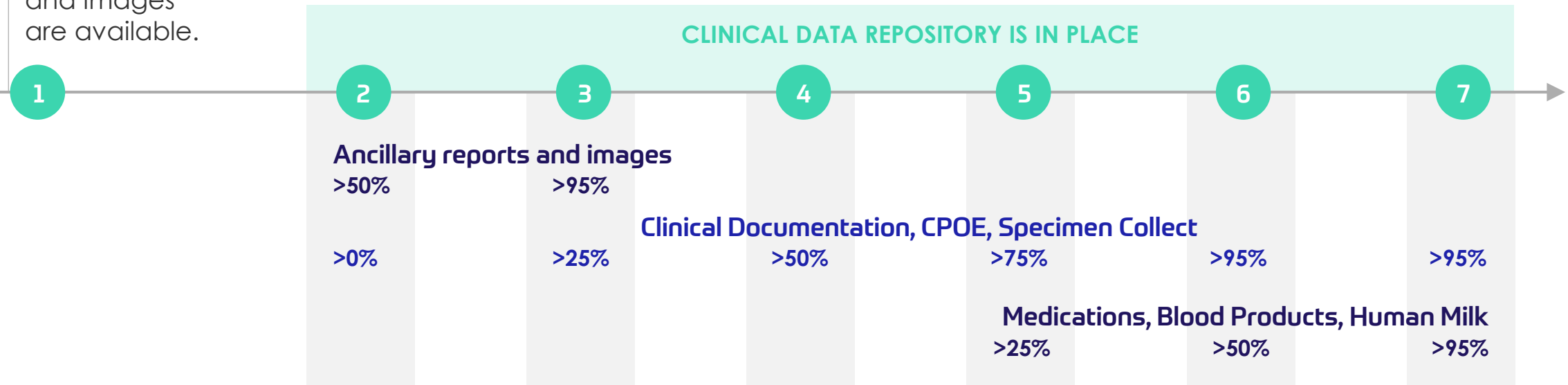


Modernizing EMRAM—Stage Progression Highlights

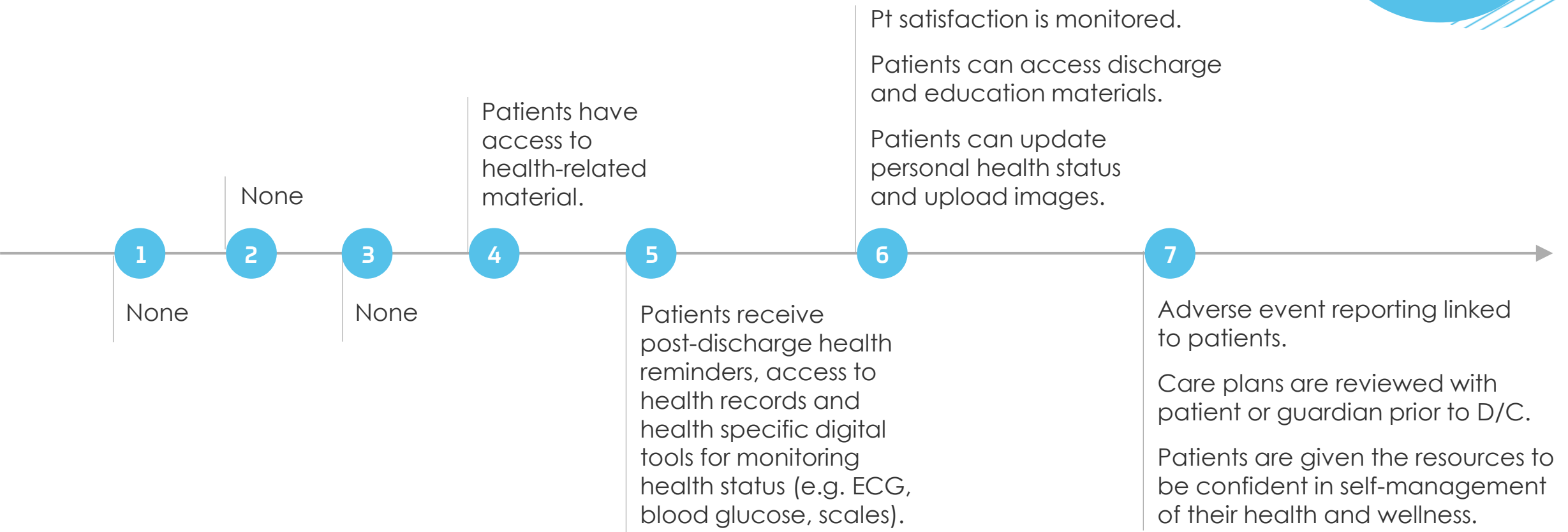


Standalone lab,
radiology, cardiology, etc.

>25% of reports
and images
are available.



Modernizing EMRAM—Stage Progression Highlights



Stage 6 and 7 Validation Overview

STAGE 6 VALIDATION REQUIREMENTS

- Review of what makes up the Medical Record
- One Case Study over 6 Months
- Interview Staff on One Unit
- Security Review
- Resilience Management Review

STAGE 7 VALIDATION REQUIREMENTS

- Organization Overview
- Three Case Studies over 12 months
 - One must document patient engagement strategies, care delivery options, and outcomes
- Interview Staff Throughout Organization
 - Nurse and Allied Health
 - Clinical Manager
 - Clinician
- Resilience Management Process
- Evidence of Clinical Outcomes

Note: This EMRAM 2022 overview is a preliminary review and is subject to change until launch on January 1, 2022

Digital Health Technology Partner Program

We partner with market suppliers who are invested in the transformation of the digital health ecosystem, globally

As trusted advisors, our partners have a competitive advantage to:



**BUILD
CREDIBILITY**



**INCREASE CUSTOMER
SUCCESS**



**FIND
OPPORTUNITIES**



**OPTIMIZE CLIENT
INVESTMENTS**



**IMPROVE
STRATEGY**

*Digital Health
Technology
Partners*



ELITE



PREMIER



PREFERRED



SELECT

Digital Health Technology Partners



Advanced Technology Company K.S.C.P.



Thank You

Become a DHTP to help your clients stay up to date on EMRAM.

To learn more, email us:
customerservice@himssanalytics.org

Thank You