

# Advance

*Innovate the future of care*

Advance Program  
Introduction & Overview

SMH Quarterly Staff Meeting

December 6 , 2021



# With You Today...



**Dr. Amyeen Hassanali**  
Chief Medical Information Officer



**Gregor McWalter**  
Chief Information Officer



# Agenda

Topics	
1	About Advance
2	Benefits Realization
3	Critical Success Factors
4	Program Governance and Leadership
5	Our Approach to Implementation
6	MEDITECH ExpansE - Sneak Peak
7	Where are we today?
8	What We Need From You



# About Advance

# About Advance



## Vision

Align with goals of quadruple AIM, enabled by modern technology

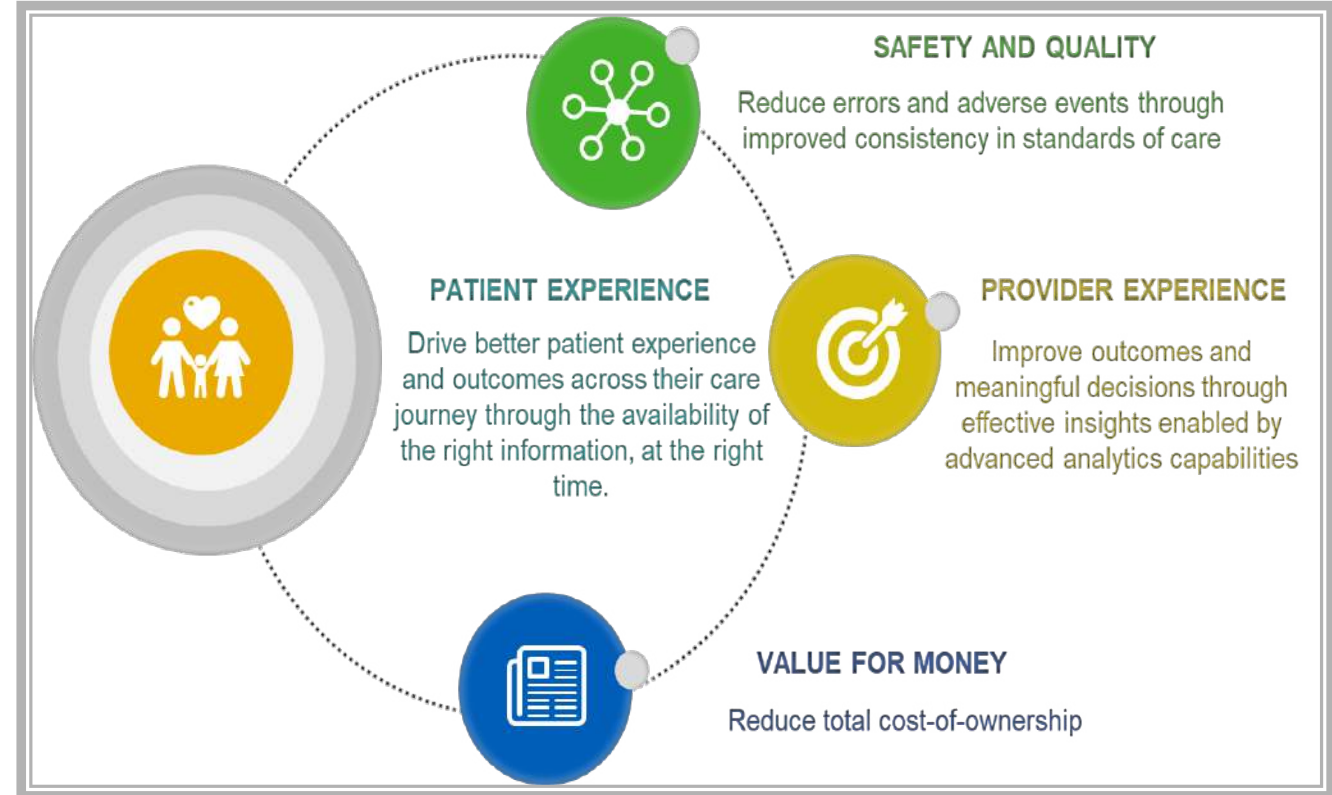


## Guiding Principles

- 1) Patient safety is a priority
- 2) Drive consistency in care
- 3) Design for the future
- 4) Insight over more data
- 5) Align with leading practice
- 6) Collaborate through partnership



## Quadruple AIM



# Benefits

A summary of the benefits expected as a result of The Advance Program

**1. Reduce Medication Errors**



**2. Improve care for specific populations through quality surveillance monitoring**



**3. Improve Care Coordination**



**4. Streamline Processes, increasing productivity**



**5. Improve Provider Experience**



**6. Improve HIM Operations**



**7. Monitor Patient Experience**



**8. Measure CIS Adoption & Go-Live Service Management**



# “Clinically Driven; Technology Enabled; Project Managed”

## “CLINICALLY DRIVEN”

Identifies the clinical and business needs to inform and realize benefits



## “TECHNOLOGY ENABLED”

Translates business needs into Fit-for-purpose technology solution to realize benefits



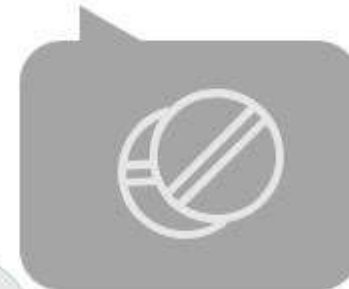
## PROJECT MANAGEMENT

Drives day-to-day operations to ensure we are organized and tracking to approved scope, schedule and budget



## GOVERNANCE

Form and function that provides structure and processes to ensure effective decision-making and accountability



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# Critical Success Factors

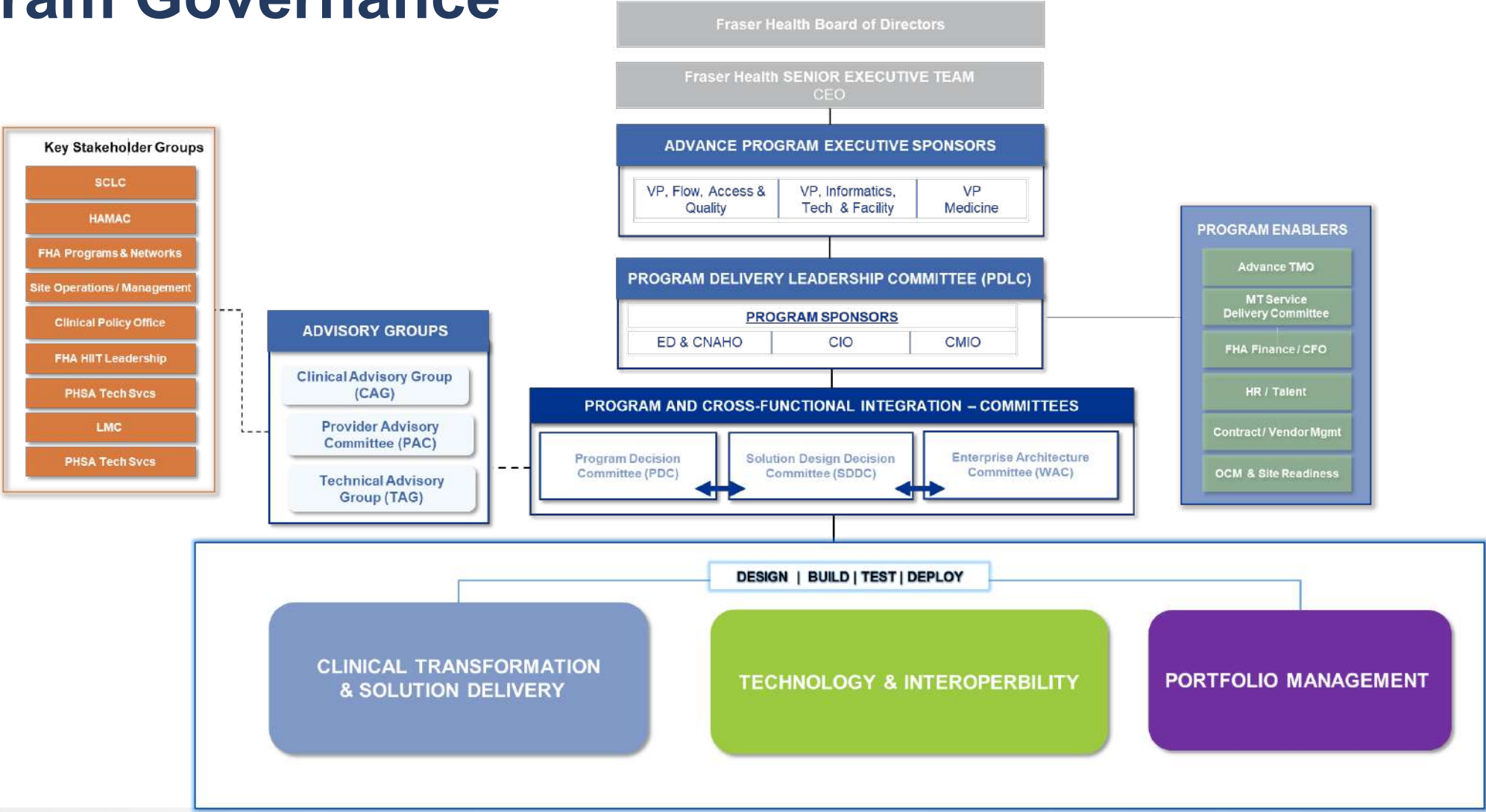




# Our Approach

The background is a solid blue color with several abstract, curved, light blue lines that sweep across the page from the bottom left towards the top right. A single, solid blue circle is positioned in the upper right quadrant.

# Program Governance



**Note: Governance is currently undergoing review**  
**Advance**

# Program Leadership

## EXECUTIVE PROGRAM SPONSORS



**Brent Kruschel**  
VP Technology,  
Informatics, Facilities



**Dr. Ralph Belle**  
VP Medicine

## PROGRAM SPONSORS



**Julie Fraser**  
ED, Patient Exp &  
CNAHO



**Gregor McWalter**  
Chief Information  
Officer



**Dr. Amyeen Hassanali**  
Chief Medical  
Information Officer

## PROGRAM DELIVERY LEADERSHIP COMMITTEE (PDLC)



**Terri Baker**  
CCIO



**Gregor McWalter**  
CIO



**Dr. Amyeen Hassanali**  
CMIO



**Irshad Abulla**  
Dir. Digital  
Transformation &  
Solution Delivery



**Alim Sunderji**  
Dir. Technical  
Services



**Aneet Sahota**  
Dir. eHealth



**Cindy Convey**  
ED, eHealth



**Scott Brolin**  
ED & Site  
Rep., ERH



**Cecilia Li**  
ED & Site  
Rep., RCH



**Doug Redwood**  
IMIT Solutions &  
ReDev.

# Program Advisory Stakeholders

## Clinical Advisory Group (CAG)



- Focus on *adjudicating designs decisions* if they cannot be resolved by Design Teams

## Provider Advisory Committee (PAC)



- Subset of CAG
- Focused on *provider-related decisions*

## Design Teams (SMEs)



- Clinical & operational Subject Matter Experts and front-line resources
- Focus on *design-related to workflow, process, and content standardization*

# **\*NEW\* Associate Chief Medical Information Officers (ACMIO)**

Coming to SMH in 2022

## **Purpose**

- The ACMIO will be the representative of the Chief Medical Information Officer (CMIO) for a specified site.

## **Responsibilities**

- Provide strategic and operational medical leadership for clinical planning for Advance and champion the transformation at site
- Represent and engage local medical and provider stakeholders in Advance (and other digital and technology initiatives)

# Roadmap to Advance Implementation



As part of the Regional Implementation of *Advance* at Eagle Ridge Hospital and future facilities, FHA will need to develop a set of **Regional and Site Specific Content**.

“**Regional**” refers to common design and build elements that apply to **all** FHA facilities e.g. Patient Admission and Registration Processes

“**Site Specific**” – Over and above the Regional Content, this refers to design and build elements **unique** to each specific site e.g. configure users at the site, set-up of OR rooms at the site, site specific clinical services such as NICU etc.

“**Content**” refers to the set-up that must be completed in Meditech Expansions e.g. dictionaries. Content can be provided by Meditech, 3<sup>rd</sup> parties, set-up by FHA or combination thereof.

# Sneak Peak

# MEDITECH Expanse Platform – Sneak Peak

The screenshot displays the MEDITECH Expanse Platform interface. At the top, there is a navigation bar with icons for 'Return To', 'Home', 'Chart', 'Document', 'Orders', 'Discharge', 'Sign', and a search bar labeled 'Find Patient'. Below this, the user is logged in as 'Adam Burgess' at 'Canton Medical Center'. The main area is divided into two panes. The left pane shows a list of patients with columns for patient name, age, gender, medical history, allergies, medications, and communication preferences. The right pane shows a detailed view of a patient's chart, including lab results, vital signs, and notes.

Patient Name	Age	Gender	Medical History	Allergies	Medications	Communication
Johnson, David B	17 M	ADM IN	Infection Precaution	sulfamethoxazole trimethoprim		
Drew, Cameron A	74 M	ADM IN	Hearing or Vision Assist.	Sulfa (Sulfenamide Antibiotics) Citrus And Derivatives		Patient anxious about
Reynolds, William	62 M	ADM IN		Penicilins		
Cassidy, Daniel	63 M	ADM IN	Warfarin Management	No Known Drug Allergies		Prefers to be called Dan
Gagnon, Kelly A	32 F	ADM IN		No Known Drug Allergies		
Mohan, Martha	40 F	ADM IN	Shortness of breath Fever Pneumonia due to Strepto...	Infection Precaution	sulfamethoxazole trimethoprim	
Murphy, Ryan	55 M	ADM IN	Status post total hip replac...	Warfarin Management	sulfamethoxazole trimethoprim	
Collins, Mary	66 F	ADM IN	Community acquired pneu...	Fall Precaution	Penicilins	
Savage, Ammie	44 F	ADM IN		No Known Drug Allergies		

The right pane shows a detailed view of a patient's chart for 'Wittenburg, Rachel'. It includes a summary of vital signs (Intake, Output, Balance), a list of lab tests (Chest X-Ray, Micro Respiratory Spec, Complete Blood Count, Basic Metabolic Panel, Urinalysis), and a list of notes (Nurse Note, Admission Note, Intake and Output).



The platform will undergo **significant configuration** to work effectively for Fraser Health. The sample shown above is illustrative only.

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# Patient Chart View – Summary Page

**Summary**

**Complaints**

Stated Complaint	Trouble Breathing, cough, fever, chills
Chief Complaint	Shortness of Breath/Dyspnea

**Triage Assessment**

Description of Symptoms: Patient arrived with wife after calling ED after telling him he was experiencing breath over the past two days. Patient chills.

Temperature: **38.8 C H (36.4 C - 37.6 C)**

Pulse Rate: **94 beats/min H (60 - 90)**

Respiratory Rate: 24 breaths/min (12 - 24)

Blood Pressure: **105/65 mm Hg L (110/65 - 135/85)**

SaO2: **90 % L (95 - 100)**

Sepsis Risk: POSSIBLE SEPSIS RISK

**Demographics**

Affiliation: [Blank]

Address: 654 Hyde Park Ave

City, State Zip: HYDE PARK, MA 02136

Phone: 617-899-0047 (CELL)

**Triage Data**

Stated Complaint	Trouble Breathing, cough, fever, chills
Chief Complaint	Shortness of Breath/Dyspnea
Condition	[Blank]
Arrival Date/Time	02/15/17 16:37
Arrival Mode	Family Vehicle
Triaged At	02/15/17 16:39
ED Location	PEX Main ED
Area/Station	PEX Main ED Bay 20

**Arrival Notification**

Dr Adams is sending in a patient of his, Jason Hernandez with what sounds like pneumonia. Sounds short of breath-most likely will need eval and possible admission. Please call him at 617-323-5666, after ER eval.

last updated: 02/15/17 16:41 by Gonzalez, David G

**Vitals - Initial & Most Recent**

	CURRENT
BP	105/65 L
Pulse	94 H

**Special Indicators**

Hearing loss

**Allergies**

sulfamethoxazole [From Bactrim]	Vomiting
trimethoprim [From Bactrim]	Vomiting

**Problems**

Diabetes mellitus

Dementia

Hyperlipidemia

Hypertension

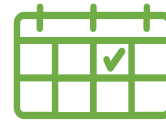
**Home Meds**

**! IMPORTANT NOTE**

The platform will undergo **significant configuration** to work effectively for Fraser Health. The sample shown above is illustrative only.

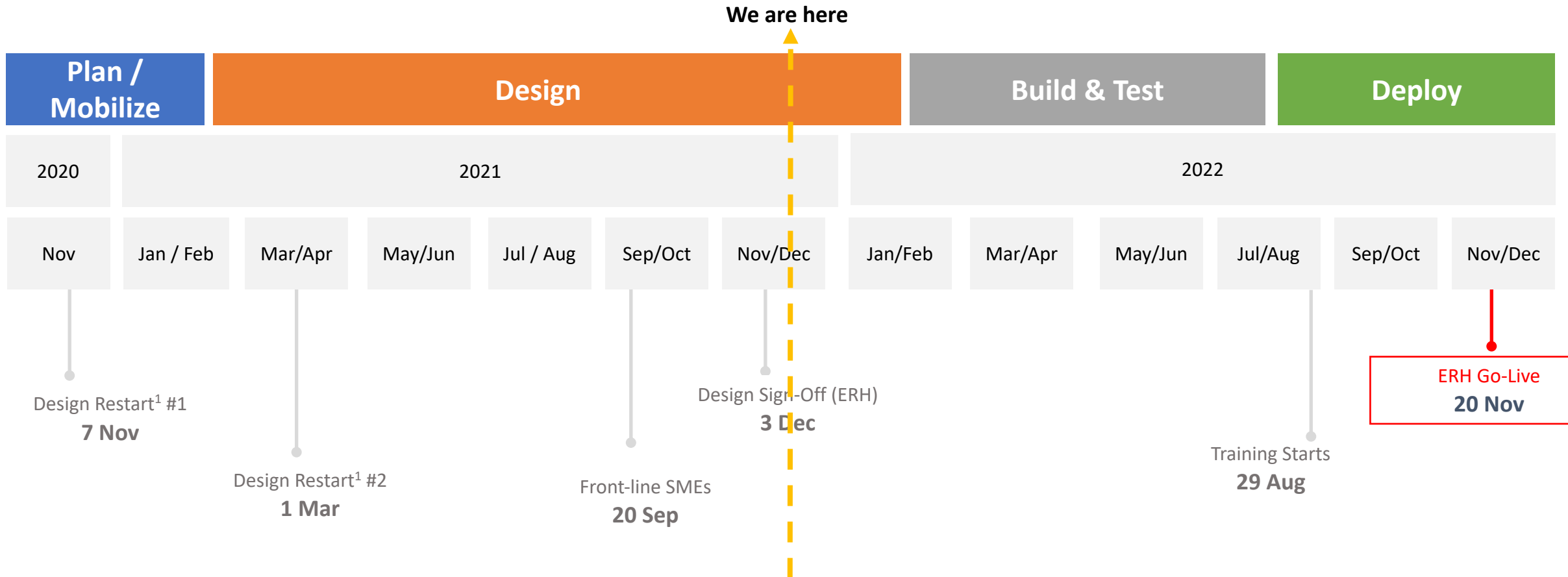
# Timeline – Where are we now?

# Schedule Update



**240**  
(Dec. 6, 2021)

**Working Days**



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# Clinical Advisory Group Decisions – Highlights to Date

## Clinical Advisory Group (CAG)



- Focus on *adjudicating designs decisions* if they cannot be resolved by Design Teams

- ✓ Endorsement of Combination Routes of Administration
- ✓ Endorsement of Guidelines for CPOE Auto Verify (under review at PAC)
- ✓ Endorsement of Diet Orders – single order with modifiers

# PAC Decisions – Highlights to Date

## Provider Advisory Committee (PAC)



- Subset of CAG
- Focused on *provider-related decisions*

- ✓ Endorsement of Order Set Format Guideline
- ✓ Endorsement of Provider Documentation Style Guide
- ✓ Endorsement of the use of BC Document Hierarchy Ontology to support dissemination of reports
- ✓ Initial list of pre-printed orders for conversion to order sets
- ✓ Endorsement of Provider Documentation of Medication Administration

# What We Need From You



Your... **Support**



Your... **Creative Ideas**



Your... **Participation!!!**

[Please refer to the Advance microsite on Pulse for more information about the program](#)

# Questions

