

**MEDITECH**

# Surveillance Collaborative

April 4, 2024



# Key Points

- Surveillance Enhancement: Qualifying Date/time and Look Back
- HCA Dialysis Showcase in June. Looking for other customers to showcase or be an Early adopter for the SDOH Surveillance Webinar
- Frederick Materials Management to track when beds have been delivered and are available. Used by EMS Management.
- Surveillance 2.0 was developed to improve the performance of the evaluator jobs to prevent backlogs.
- Using a Physician Champion to help support providers and guide them to use best practices and recommended workflows
- Helpful workflows: HCA is using a ED outlier tracker for performance improvement. Frederick is using a Safety Huddle Watchlist to flag high risk patients.

# MEDITECH

## VISION

Advance digital health record technology so every patient and their providers can access their health information and participate in their care. We believe every healthcare organization can better serve its community with open access to electronic health records, clinical knowledge, and data.

## MISSION

Enable global healthcare organizations to deliver safe, efficient, and impactful care to the communities they serve through our comprehensive software, services, and technology

## VALUES

Integrity

Investing in the future:  
people, process, and technology

Sustainability and focus

Fiscal responsibility

Ensuring a positive long-term  
impact on customers, staff,  
and the industry

**Our solutions drive organizations to improve efficiency; guide clinical, financial, and operational decisions; and connect clinicians across a dynamic healthcare ecosystem in support of holistic, person-centered care.**

# Surveillance Collaboration

## Our Mission

To incorporate **Surveillance** throughout healthcare organizations. To **enhance safety practices and access to information**. The Surveillance Collaborative Forum will serve as subject matter experts and provide guidance, recommendations, and conceptualization on Surveillance Best Practices through the use of MEDITECH software and provide feedback for the future design of the Surveillance application.



## Our MEDITECH Members

- Daniel Seltzer, Quality & Toolkits
- Gregory Ayers, HCA Surveillance
- Brett Muirhead, MaaS Implementation
- Jennifer Ford, Strategy Division
- Jonathan Hallman, Client Services
- Jonathon Junker, Client Services
- Ilana Gutierrez, Implementation
- Israel Perez, EMT Client Services
- Scott Gooch, Development
- Spencer Dolan, Development
- Larissa DeGregorio, Client Services

# Our Client Members



- Signature Healthcare, MA
  - Nicholas Szymanski
  - Christopher Mitchell
  - Dee Dee Johnson
  - Jeff Gray
- Holyoke Medical Center, MA
  - Avadhoot Gokhale
  - Christi Giroux
  - Brian Stromwall
  - Debbie Lajoie
  - Debra Marum
  - Tara Garstka
- Citizens Memorial
  - Sherry Montileone
  - Cherilyn Michaelis
  - Michelle Williams
  - Katrina Mawhiney
  - Chad Cahow
- Frederick Health, MD
  - Jackie Rice
  - Lauren Small
  - Debbie Remsberg
  - Lisa Ledwell
- Golden Valley Memorial Healthcare, MO
  - Hayli E. Wade
  - Kaytie Stockdall
  - Kim Bybee
  - Nancy Engeman
- Valley Hospital, NJ
  - Michael Burke
  - Christopher Neumann
- Heywood Hospital, MA
  - Jaime Vallejos
- Avera Health, SD
  - Chad Panning
  - Diana Lemke
  - Greg Hartman
- Logan Health, MT
  - Pebbles Bates
- Thibodaux Regional Health, LA
  - Ashley Becnel
  - Michelle Touts
- HCA, TN
  - Stefanie Fine
  - Kayla Johnson
  - Ricardo Gonzalez

# Agenda

**11:10 AM** Enhancements

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**11:20 AM** Webinars

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**11:25 AM** Frederick Health

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**11:30 AM** Surveillance 2.0

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# Qualifying Date/Time MEDITECH Surveillance

SV.CLINELINE >2D - Central Line IV > 2 Days Last Edit: 03/12/2018 14:16

Main Detail Display

Qualify Date/Time Marker  Qualified Date/Time  Query Based  Occurred Date/Time

\* Query Date   
\* Query Time

View  
New  
Edit  
Report

History Cancel Save



**CM-21351**

Complete  
Expanse 2.3.1  
Expanse 2.1.60  
Expanse 2.2.48

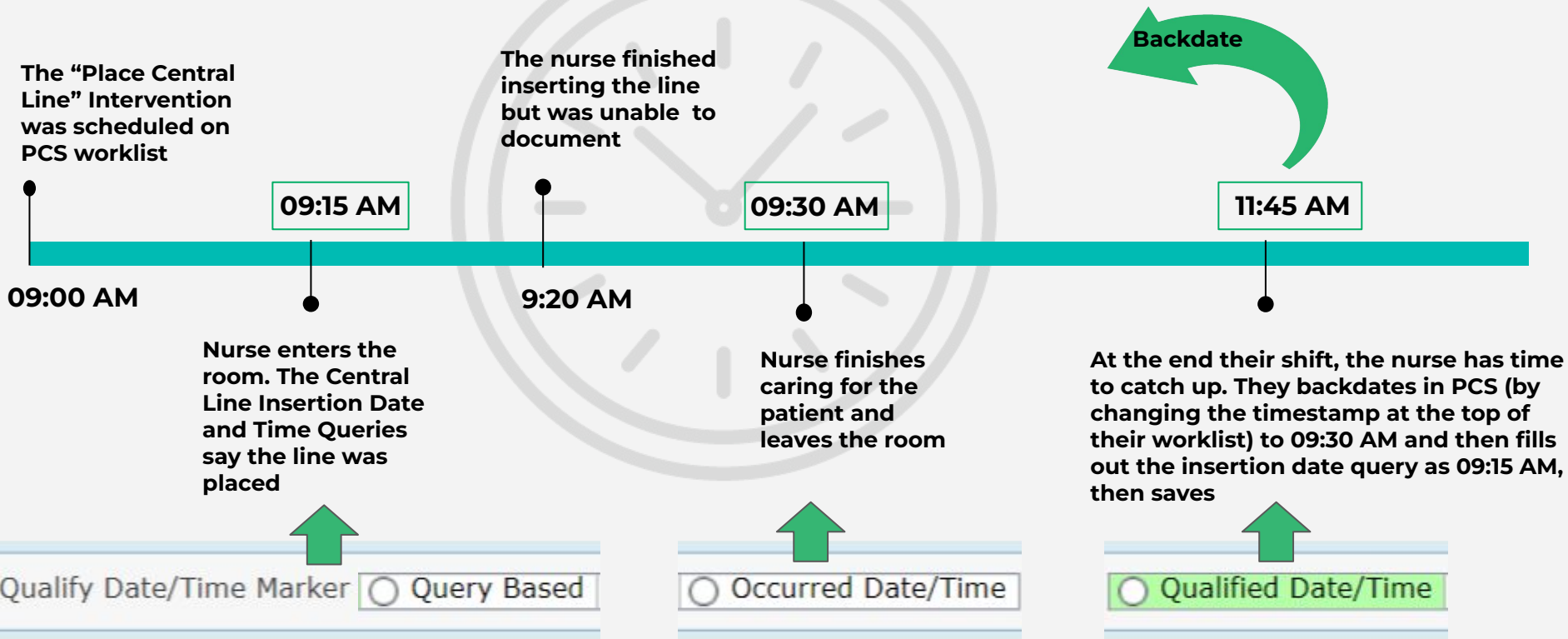


Introduce  
enhancements for  
Surveillance Rules  
Engine evaluation of  
elapsed time data



# Example

# Central Line Insertion Date





More

Help

Close



**Biliouris, Connie**

68 F 06/09/1955  
ADM IRF AL AL FLOOR 1-2

Resus Status Not Ordered No Hx Avail

CH0000003547

CR00098379  
D45638832

Allergy/Adv: latex

Mode

Hide Text

Recall

Edit

Add Note



Cancel

Save

Save and Exit



Wed Apr 3  
9:30 am EDT  
by MM

Interventions

IV Central Line Assessment



Assessments

Central Line Assessment



Insertion

PICC Double Lumen

In Place on Admission

No

IV Placed by External Staff

Insertion Date

04/03/24

Insertion Time

9:15 am

Inserted By

Assisted By

Abisla, Russell

Power Injectable

Catheter Type

Lot #

Expiration Date:

Catheter Time Out Checklist

Completed

Hand Hygiene Performed

Catheter Trim Length (cm)

Initial External Catheter Length (cm)

Line Secured By

Initial Extremity Circumference (cm)

Circumference Reference Point

Placement Verification

Insertion Attempts

Comfort Measures

Comfort Measures Comment

Patient Tolerance

Occurred Date/Time

Query Based

11:45 AM  
4/3/2024

Qualified Date/Time

# Looking Back with **MEDITECH Surveillance**



**CM-21355**  
In progress



Surveillance: Introduce ability for Rules Engine to evaluate data within a defined time range into the recent past

SV.SEP HR - Sepsis: Heart Rate > 90 Last Edit: 03/12/2018 13:35

Main Fact Embedded In

* Item	MIS Cust Def Query
* Query Record	Account Query
* Query	Pulse Rate
* Operator	Greater Than
Modifier	
Sub Modifier	

Look Back 6H  
Cumulative

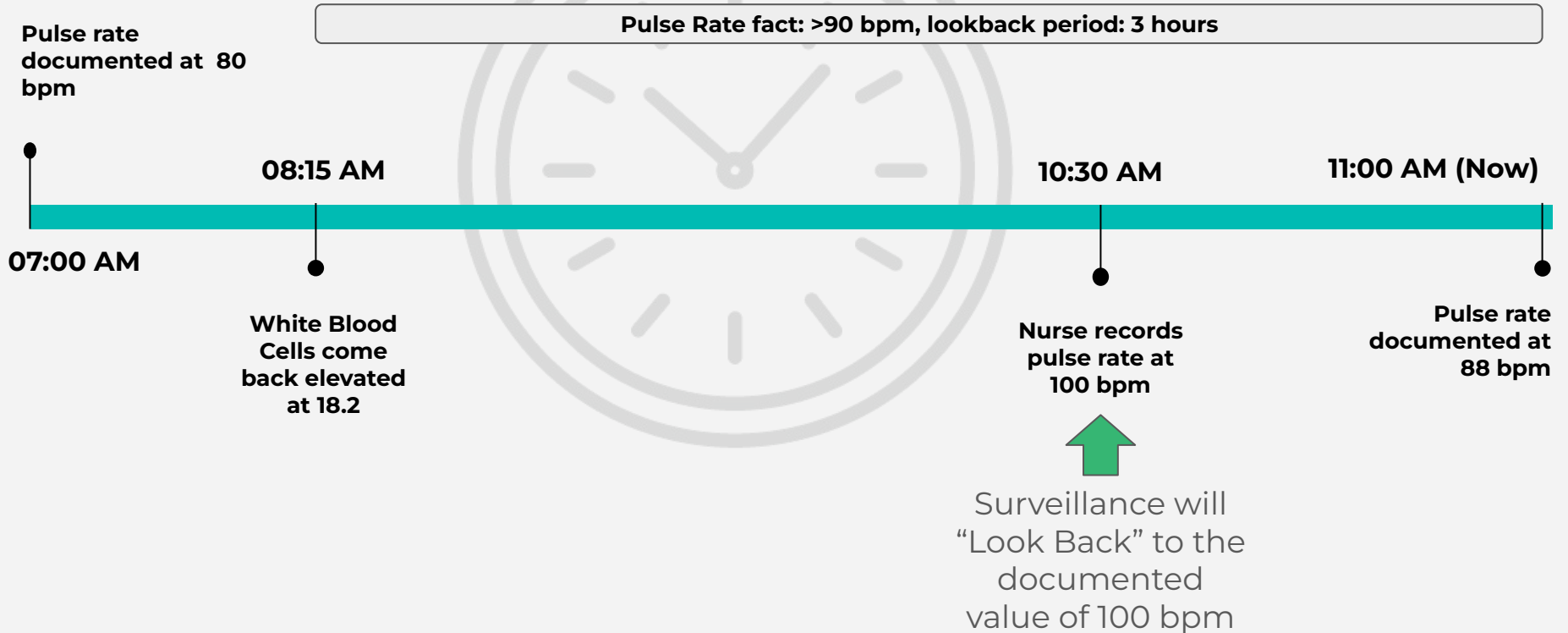
Value 90

View  
New  
Edit  
Report

History Cancel Save

# Example

# SIRS Criteria





# Implementing New Functionality

# Achieve Your **Compliance Goals**

## **Social Drivers of Health Surveillance Webinar**

### **ALERT**

- Notify clinicians of missing documentation

### **GUIDE**

- Provide Actions to clinicians to launch SDOH screening documentation

### **IMPROVE YOUR SCORE**

- By catching noncompliance prior to patient discharge





**HCA Healthcare**  
Upcoming Showcase

**Predictive  
Dialysis**

**DIALYSIS ORDERS**

Used by providers to identify patients and their need for dialysis service

**HEMODIALYSIS**

Used to identify patients with a potential need for dialysis



**Daniel Seltzer**

Senior Analyst, Clinical Excellence

**Lisa Ledwell**

Clinical Analyst  
Frederick Health



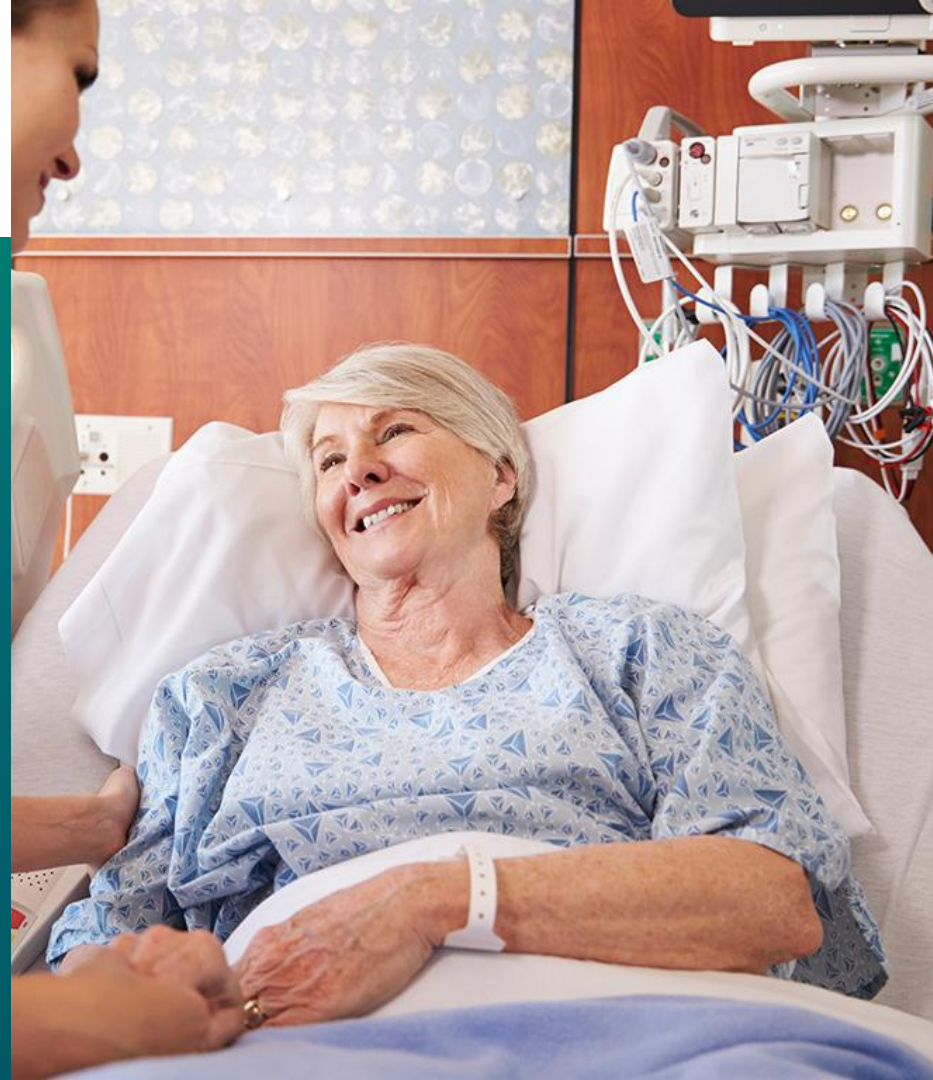
# Surveillance for Clinical Materials Management

## At Frederick Health:

- Specialty Bed Management
- Environmental Services

## Other Use Cases

- Wound Vacuums
- Telemetry Boxes



# Frederick Health Surveillance for Specialty Beds

## Specialty Beds - EHS

5 Patients as of 03/22/2024 15:29, 0 Restricted.

Profile	Qualified ▲	Instance ▲
Specialty Bed Delivery Pending - EHS	10/23/2023 15:03	1

Specialty Bed has NOT been delivered

This profile flags patients who are still waiting for their Specialty Bed to be delivered by EHS.

Take Action for Specialty Bed Deliv...	▲
<b>NUR Int: Specialty Bed Status</b>	▼

Qualifying Values	
Reg Status & Type	ADM IN
Order	Specialty Bed
Order Status	In Process

Associated Data	Result	Date	Group
Specialty Bed Status	Pending Delivery - EHS	05/10/2023 12:28	
1st Choice Bed	P500 LAL	11/11/2022 09:55	
1st Choice Rental Bed Vendor	N/A	11/11/2022 09:55	
2nd Choice Bed	R_Centrella LAL	11/11/2022 09:55	
2nd Choice Rental Bed Vendor	Hillrom	11/11/2022 09:55	
Delivery Destination	4G	11/11/2022 09:55	

# Surveillance 2.0

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Surveillance 2.0 is a new version of surveillance that improves efficiency of the background jobs, through enhanced algorithms and the removal of redundancy. With this parameterized enhancement, patients will be evaluated at a more accelerated rate.



## Topic: Doctors/Mid Levels and Surveillance Desktop

“ What are use cases for providers using the desktop? Are there larger organizations that have successfully deployed this for providers without having to build profiles specific to a user, if so what are some use cases? ”



**Kayla Johnson**  
Clinical Analyst  
HCA Healthcare

A group of people in a meeting room looking at a laptop screen, with a green overlay and a semi-transparent text box. The scene is dimly lit, with a strong green tint. A semi-transparent grey box is overlaid on the center of the image, containing the text "Surveillance Discussions".

# Surveillance Discussions

**Thank You!**



# Resources

Customer Showcase Recordings and Resources:

<https://customer.meditech.com/en/d/prwqm/pages/qmebfesurvshowcase.htm>

Surveillance Collaborative Page:

[https://home.meditech.com/en/d/customercollaboration/pages/surveillanc  
ecollaborative.htm](https://home.meditech.com/en/d/customercollaboration/pages/surveillanc<br/>ecollaborative.htm)