

# MEDITECH

## Surveillance Collaborative

May 14, 2026



# Key Points

- Surveillance enhancements for Watchlist and Profiles
- Central Line M-AT Rules > Surveillance
- Recent Surveillance Events
- Survey Questions

# MEDITECH



## VISION

To advance digital health record technology so every patient and their providers can access their health information and participate in care.



## MISSION

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



## VALUES

- Corporate and personal integrity
- A future rooted in people, process, and technology
- Shared sustainability and fiscal responsibility
- A positive long-term impact on customers, staff, and the industry

# Surveillance Collaborative

## 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, Customer Experience, MaaS**
- **Gregory Ayers, HCA Surveillance**
- **Brett Muirhead, Customer Experience, MaaS**
- **Jonathan Hallman, Client Services**
- **Jonathon Junker, Client Services**
- **Ilana Gutierrez, Implementation**
- **Israel Perez, EMT Client Services**
- **Scott Gooch, Development**
- **Siobhan Callahan, Client Services**
- **Christopher Wagner, Customer Experience, MaaS**
- **Emily Pacheco-Valente, RN Strategy Division**
- **Larissa DeGregorio, Client Services**
- **Dr. Marsha Fearing, MD, MPH, MMSc., Physician Specialist**
- **Arthur Keown, Development**
- **Paul Kane, Development**
- **Jeremy Goldberg, Development**

# Our Client Members



**Golden Valley Memorial**  
HEALTHCARE



**SEARCHC**



**HCA Healthcare®**  
**cmh**

**Alder Hey Children's**  
NHS Foundation Trust



**cmh**



FRANCES MAHON  
DEACONESS HOSPITAL



Lawrence  
General  
Hospital



**LOGAN**  
HEALTH



**Oak Valley Health**





Development

# Surveillance Enhancements

## QM Watchlist and Days after Discharge:

- ❖ **CM-28782:** Add the "Days After Discharge" field to the surveillance profile dictionary
- ❖ **CM-23465:** Surveillance: As a Surveillance user in the Watchlist, I want to be able to open a patient chart and have it bring me to the XPC Chart so I can enter Nurse documentation
- ❖ **CM-28781:** Ability to define the type of Watchlist Qualifying Indicator in QM Access

# Surveillance Profile: Days After Discharge



Surveillance Profile Dictionary (DEV.CMS)

More

Help

User MJ

Close

SV.CLIN - Central Line

Last Edit: 05/01/2025 8:52 am

Action


Manual Add/Remove Settings

Add to Profile	<input type="radio"/> Yes <input type="radio"/> No
Default Add Reason	<input type="text"/>
Remove from Profile	<input type="radio"/> Yes <input type="radio"/> No
Default Remove Reason	<input type="text"/>
Maximum Reevaluate After Time	<input type="text"/>

Cleanup

Days After Discharge	<input type="text"/>
----------------------	----------------------

Associated Data

Field Type	Field	Display Name

View

New

Edit

Report

History

Cancel

Save



# QM Access: Default Chart Mode

FULL - Full Access

Last Edit: 02/26/2026 10:42 am

Main | Reviews | Review Desktop | Statistics Desktop | Surveillance Desktop | Trigger Tool Desktop

\* Default Management Mode

- Home
- Watchlist
- Single Mode

Watchlist	Dft
VTE Watchlist	<input type="radio"/>
Conditions Watchlist	<input checked="" type="radio"/>
Quality Measures Watchlist	<input type="radio"/>
Readmissions	<input type="radio"/>

\* Watchlist Qualifying Indicator

- Date/Time
- Elapsed Time
- Status Indicator

Qualifies for Profile	Display	Foregrnd Style	Bkgrnd Style	Icon
Does Not Qualify for Profile				

Refresh Interval (Seconds)

Default Chart Mode

- Acute
- Nurse XPC

View  
New  
Edit  
Report



**Central Line:** Status

# Central Line: Inserted status

## CURRENT CHALLENGE

- Date Comparisons

## PROPOSED SOLUTION

- Implement M-AT rule.
- Set status to "Inserted"
- Maintain status until initial removal is recorded.

## DESIRED OUTCOME

Full visibility of active central lines with accurate "inserted" status

- Enhanced accuracy

# M-AT Rule: IV Status

BM.IV.STATUS2 - IV Status

Last Edit: 04/15/26 15:39

Main Variables Rule Notes Info Button

Variable	External	Description
NewQueryResponse		
ED	Yes	End date/date discontinued
ET	Yes	End time/time discontinued
POA	Yes	Present on Arrival
Status		Line Status
ID	Yes	Insertion Date
IT	Yes	Insertion Time

+ X

Field	Var	Key 1	Var	Key 2

Query	Text	History Lookback Type	Integer Value

- View
- New
- Edit
- Report
- Move
- Import/Export
- Search

Default Queries from Screen

Cancel Save

# M-AT Rule: IV Status



Rule Dictionary (SC.EXP22SAND) HIM Dept: AHIM

More Help User Close

M.IV.STATUS2 - IV Status

Last Edit: 04/15/26 15:39

Main Variables Rule Notes Info Button

Enter Line Undo Back Space Cancel Line End Line

Line	Rule English Display
1	Compute POA Offset 0 Save as POA
2	If POA Is equal to "Y" Or ID Exists And IT Exists And ED Does not exist And ET Does not exist Then Compute "Inserted" Save as Status Or if ED Exists And ET Exists Then Compute "Removed" Save as Status End if
3	Set program result to: Status

View  
New  
Edit  
Report  
Move  
Import/Export  
Search

Edit Insert Move Up Move Down Remove

Cancel Save



# Intervention: CL Assessment Rule



Return To

Documentation Section Dictionary (SC.EXP22SAND) HIM Dept: AHIM

More Help User Close

BM.CLINASSESSMENT - Central Line Assessment

Last Edit: 04/22/26 08:22

Main	Question Sets	Narrative	Rules	Jump Rules	Branch Rules	Output
Cosign	Preview	Billing	Portal	AMB Procedure Orders		

### Question Sets

Label	Active	Repeat	Instance Type	Branch	Start Expanded
IV Location	Yes	Y	IV.CL1		Yes

### Questions

Type	Label	Active	Pos/Neg
Query	Discontinued Time [IV.CLTD]	Yes	
Query	Central Line Total Time [IV.CLTT]	Yes	
Query	Central Line Comment [IV.CLCO]	Yes	
Query	IV Status [BM.IV.STATUS]	Yes	

### Rules

Rule Type	Method	* Rule	MAR Exception
Calculate	by Rule	IV Status	

### Rule Variables

Rule Variable	Question Set	Question	Query
End date/date discontinued	IV Location	Discontinued Date	
End time/time discontinued	IV Location	Discontinued Time	
Insertion Date	IV Location	Insertion Date	
Insertion Time	IV Location	Insertion Time	
Present on Arrival	IV Location	In Place on Admission	

- View
- New
- Edit
- Report
- Suppressed Report

History Display Inactives

Cancel Save



# Intervention: CL Assessment Worklist

**Brookwood, Rita** 72 F 02/10/1954 Resus Status Not Ordered No Hx Avail AC139 MR145  
ADM IN MED MED4-A 1.57m 130lb BSA:1.61m² BMI:23.8kg/m² S00000146  
Allergy/Adv: No Known Allergies

Mode Hide Text Recall Edit Add Note + X Undo Cancel Save Save and Exit

Thu May 7 11:05 by MT

Comfort Measures	<input type="radio"/> Other: <input type="checkbox"/> Pre-Medicated <input type="checkbox"/> Distraction <input type="checkbox"/> Swaddled <input type="checkbox"/> Touch <input type="checkbox"/> Sucrose <input type="checkbox"/> Caregiver Present <input type="checkbox"/> Pacifier <input type="checkbox"/> Position of Comfort <input type="checkbox"/> Music <input type="checkbox"/> other
Comfort Measures Comment	
Patient Tolerance	<input type="checkbox"/> Tolerated Well <input type="checkbox"/> Crying <input type="checkbox"/> Apnea <input type="checkbox"/> Bradycardia <input type="checkbox"/> Desaturated <input type="checkbox"/> Arrhythmia <input type="checkbox"/> Hypertension <input type="checkbox"/> Tolerated Poorly <input type="checkbox"/> Emesis <input type="checkbox"/> Tachypnea <input type="checkbox"/> Tachycardia <input type="checkbox"/> Respiratory Distress <input type="checkbox"/> Hypotension <input type="checkbox"/> other
Patient Tolerance Comment	
Port Access Date	
Port Access Time	
Accessed By	
Protective Barriers Used	<input type="checkbox"/> Sterile Gloves <input type="checkbox"/> Mask <input type="checkbox"/> other
Protective Barriers Comment	
Needle Gauge	<input type="radio"/> 20 G <input type="radio"/> Other:
Needle Length	<input type="radio"/> 0.5 inches <input type="radio"/> 0.75 inches <input type="radio"/> 1 inch <input type="radio"/> 1.25 inches <input type="radio"/> 1.5 inches <input type="radio"/> Other:
IV Initial VAT Consult Complete	<input type="radio"/> Yes <input type="radio"/> No
Discontinued Date	
Discontinued Time	
Central Line Total Time	
Central Line Comment	
IV Status	Inserted
> New IV Central Line	Add a IV Central Line

# Rules Engine Fact: Central Line Status

BM.IVSTATUS - IV Status = Inserted

Last Edit: 05/12/26 15:30

Main Fact Embedded In

* Item	MIS Instance Type
* Instance Record	Account Instance
* Instance Type	IV Central Line
Group Response	
Central Line Device Type	* Operator In List
* Instance Values	
CVC/Central Line	
Hemodialysis Cath	
PICC	
* Query	IV Status
* Operator	Equals
Modifier	
Sub Modifier	
Look Back	

Value

History

Cancel Save

View  
New  
Edit  
Report







**News You Can Use**

# Recent/Upcoming Surveillance Events

## Surveillance Overview Webinar

ED Acute Kidney Injury (AKI) ED > SUR

## From LIVE to Optimized: Surveillance

ED Appendicitis ED > SUR

## Customer Showcase

Sandy Cormier, Berkshire Health ED Surveillance workflow

## Collaborative Sessions

Kirsten Kincaid, Southeast Alaska Regional Health Consortium



# Survey Questions

## Topic: IV Medications



Does Anyone have examples of Profiles utilizing the New OM IV FLUID & OM IV ADDITIVE Data items?



**Lisa Ledwell**  
IT Analyst  
Frederick Health

# Surveillance Enhancements: IV Medications

- ❖ **CM-9516** Surveillance: Add data fields for medication Frequency and Dose in the Rules Engine Fact Dictionary
  - OM IV Rate
  - OM IV Rate Unit
  - OM IV Frequency
  - OM IV Duration
  - OM Med Dose
  - OM Med Units
  - OM Med Route
  - OM Med Frequency
  - OM Med Schedule

# Surveillance Enhancements: IV Medications

- ❖ **CM-28332** Add data fields for dose for IV Meds for additive and Premix
  - OM IV Fluid
  - OM IV Volume
  - OM IV Dose Calculator
  - OM IV Dose
  - OM IV Dose Unit
  - OM IV Add Amount
  - OM IV Add Dose Calc
  - OM IV Add Per Volume
  - OM IV Add Units
  - OM IV Additive

## Topic: Surgical Data

“ How to use the Surgical Data Items in multi-case/account scenarios? Surveillance seems to evaluate the 1st case data values rather than the last documented case. This makes it difficult to use the Surgery (SUR) Data Items.

”



**Lisa Ledwell**  
IT Analyst  
Frederick Health

## Topic: Medications



Any examples of Profiles that evaluate for Medications Not Given Reasons? For example, VTE medications that were documented as Not Given.



**Lisa Ledwell**  
IT Analyst  
Frederick Health

# Qualifying Rule: VTE Prophylaxis



Return To

Rules Engine Rule Dictionary (SC.EXP22SAND) HIM Dept: AHIM



More



Help



User



Close

BM.VTEPROPHYLAXIS - VTE Prophylaxis

Last Edit: 07/30/25 15:30

Main Rule Embedded In

Component Type	* Component	Group
Open Bracket	(	
Rule	Reg Status = ADM Reg Type =IN	
Operator	And	
Rule	Age >= 18 and LOS <120	
Close Bracket	)	
Operator	And	
Operator	Not	
Rule	VTE Present or Prophylaxis Given/Contraindicated	

+ → ↑ ↓ X

Rule

( [r] Reg Status = ADM Reg Type =IN <And> [r] Age >= 18 and LOS <120 ) <And> <Not> [r] VTE Present or Prophylaxis Given/Contraindicated

Component Description

Removal rule for VTE Prophylaxis profile

View

New

Edit

Report

History

Cancel

Save



# VTE Present or Prophylaxis Given/Contraindicated



Return To

Rules Engine Rule Dictionary (SC.EXP22SAND) HIM Dept: AHIM



More



Help



User



Close

BM.VTEPROPHYLAXISDQ - VTE Present or Prophylaxis Given/Contraindicated

Last Edit: 08/01/25 11:30

Main Rule Embedded In

Component Type	* Component	Group
Operator	Or	
Fact	Mechanical Device Contraindicated	
Operator	Or	
Fact	VTE Risk Level	
Operator	Or	
Rule	Active Mechanical VTE Prophylaxis Orders	
Operator	Or	
Rule	Anticoagulant Given	
Operator	Or	
Rule	Anticoagulant Refused	
Operator	Or	
Fact	VTE SCIP Surgical procedures	

+ → ↑ ↓ ×

### Rule

[f] Contraindication: No VTE Prophylaxis <Or> [f] Documentation of Mechanical Device <Or> [f] Mechanical Device Contraindicated <Or> [f] VTE Risk Level <Or> [r] Active Mechanical VTE Prophylaxis Orders <Or> [r] Anticoagulant Given <Or> [r] Anticoagulant Refused <Or> [f] VTE SCIP Surgical procedures <Or> [f] Palliative care consult order <Or> [f] Deep Vein Thrombosis/Pulm. Embolism Present on Adm <Or> [r] Acute DVT/PE Problem

### Component Description

History

Cancel Save



View

New

Edit

Report



# Fact: PCS MAR Drug Type Anticoagulants



Return To

Rules Engine Fact Dictionary (SC.EXP22SAND) HIM Dept: AHIM



More



Help



User



Close

BM.VTEMEDS2 - VTE Drug Classes

Last Edit: 07/30/25 11:20

Main

Fact

Embedded In

* Item	PCS MAR Drug Type
* Operator	Contains Any
Modifier	
Sub Modifier	

Values
[20:12.04] Anticoagulants

View

New

Edit

Report

History

Cancel

Save



# Fact: PCS MAR Activity Date/Time



Return To

Rules Engine Fact Dictionary (SC.EXP22SAND) HIM Dept: AHIM



More



Help



User



Close

BM.MEDADMIN - Medication Administration Date/Time Exists

Last Edit: 07/30/25 10:10

Main Fact Embedded In

* Item	PCS MAR Act Doc DateTime
* Operator	Exists
Modifier	
Sub Modifier	

View

New

Edit

Report

History

Cancel

Save



# Fact: PCS MAR Activity Reason Refused



Return To

Rules Engine Fact Dictionary (SC.EXP22SAND) HIM Dept: AHIM

More

Help

User

Close

BM.MEDREFUSED - Medication Refused

Last Edit: 07/30/25 12:55

Main Fact Embedded In

* Item	PCS MAR Activity Reason
* Operator	Contains
Modifier	
Sub Modifier	

Value	REF
-------	-----

View

New

Edit

Report

History

Cancel

Save



**Surveillance Collaborative**

**Thank you to**

Frank Breugem

Kayla Johnson

Lisa Ledwell

**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)

MEDITECH Events:

<https://ehr.meditech.com/events>