

QUALITY RISK MANAGEMENT: SURVEILLANCE

Surveillance Profile Functionality

Overview

Surveillance is a functionality in MEDITECH Expanse which provides real-time monitoring and analysis of clinical data and supports early detection, warning and monitoring of patients for a variety of conditions or concerns (referred to as "profiles"). Once a patient qualifies for a profile, they will appear on a Watchlist, Status board and/or Tracker. Watchlists can be tailored to your needs as a facility or department (e.g., IPAC, Surgery etc.).

Surveillance Watchlist: How to Get There



Watchlist:

At this time one profile is being launched for GO-Live, COVID Positive. As additional profiles are added additional Watchlists will populate, and/or new columns will appear on the Conditions Watchlist. The profiles will also appear in the Surveillance column on Status Boards/Trackers. A flag (or label) will populate in the relevant column of the Watchlist when a patient qualifies for the listed profile. Any value in the header bar can be used to sort the Watchlist; the example below is sorted by Name in alphabetical order (note the arrow in the Name field).



COVID - 19
30 Patients as of 14/09/2021 13:10. 0 Restricted.

Name Account	Age Sex Location	Count	COVID
EMS,A002 VE0000335/21	50 M Emergency	1	🚩
Gbghpink, McCo... GA0001098/21	49 M 2 North	1	🚩
Jones, Janet VE0000846/21	55 F Emergency	1	🚩
LAB,EIGHT WA0000043/20	51 M E Wing Ac...	1	🚩
Lab,Four1 VE0000064/20	52 M Emergency	1	🚩
Lab,Fourteen ME0000012/21	34 F Emergency	1	🚩
Lab,One WA0000034/20	44 M E Wing CCC	1	🚩
LAB,RAT MD0000004/21	8m 0d F Laborator...	1	🚩
LAB,SIXTEEN VC0000776/21	16 F Laborator...	1	🚩

Positive Surveillance Result

The screenshots below show the EDM tracker where a patient has flagged in the Surveillance column for COVID-19 Positive profile.

CTAS	Rm	Status	Room Age/Sex RV	Patient Name Chief Complaint Special Indicators	C	R	Physician MRP Nurse	Surveillance	ACK	OP	ORD	UNC	LAB	BBK	MIC	RAD
			53 M	Reg, Fifteen Clinical Trial			D'Costa									
			47 F	TRAINCG, EDM02_0708 Chest Pain Non Cardiac Feature...			Mitchell									
			51 F	LAB, FOUR			Mt									

The Conditions Watchlist will populate with a red flag icon when the patient has qualified for a profile.

Name Account	Age Sex Location	Count	COVID
EMS, A002 VE0000335/21	50 M Emergency	1	
Gbghpink, McCo... GA0001098/21	49 M 2 North	1	

Profile Screen

When you click on the profile label or flag in the Surveillance column of a Watchlist/Status Board/Tracker, it will open a subsequent screen. This shows you how the patient qualified for the value (e.g., test result value), the date and time they qualified as well as a “Take Action” field. Take action field is specific to the profile and allows staff to document an assessment or intervention, add a care plan or enter an order directly from this screen. Note: not seen in the screen shots below – some profiles may also include a direct link to facility Policy and Procedures, PPO, Medical Directives etc.

Removing a Patient from the Profile

In order to remove a patient from a profile; click “Remove from Profile”. Note: the Remove and Add to profile buttons have the same functionality and they are used throughout all surveillance profiles in the same manner.

The following screen (below) will open:

1. Select the profile you wish to remove the patient from
2. Select the Reason for removal from the drop down menu.
3. When relevant, enter the time (hours or days) you want the patient to be re-evaluated (note: this is applicable for detection/early-warning profiles (e.g., Sepsis, CAUTI profiles) not for COVID).

Remove from Surveillance Profiles

Profiles
 COVID-19 Positive

Reason: [Dropdown Menu]

Reevaluate After Time: [Input Field]

*Visits
 ME0000034/20 LAB,FOUR

Name	Mnemonic
Cleared by IPAC	SV.CLEAR
DID NOT MEET CRITERIA	DIDNOTMEET
NP Swab Negative	SV.NPNEG
Resolved Case	SV.RESOLVE

When you return to the Worklist/Tracker, you will see the profile label is gone.

CTAS	Rm Status	Room Age/Sex RV	Patient Name Chief Complaint Special Indicators	C R	Physician MRP Nurse	Surveillance	ACK	OP ORD	UNC	LAB	BBK	MIC	RAD
		53 M	Reg,Fifteen Clinical Trial		D'Costa								
		47 F	TRAINCG,EDM02_0708 Chest Pain Non Cardiac Feature...		Mitchell		Ack-Med						
		51 F	LAB,FOUR		Mt		Ack			C LAB	BBK	MIC	

Surveillance Audit Report

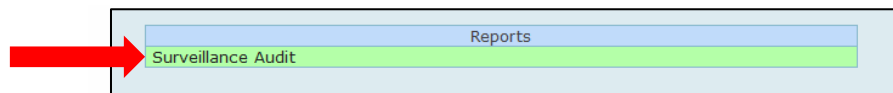
Surveillance Audit report allows you to view and print a report of patients who have qualified for a profile. Click Reports from the Watchlist screen.

Conditions Watchlist
26 Patients as of 11/08/2021 11:32. 0 Restricted.

Name Account	Age Sex Location	Count	COVID Positive	CAUTI
Emrtest,Jim M VA0000077/21	65 M Cardiac Renal	1	🔴	
EMS,A002 VE0000335/21	50 M Emergency	1	🔴	
Gbghpink,McCoy Ollis GA0001098/21	49 M 2 North	1	🔴	
LAB,EIGHT WA0000043/20	51 M E Wing Acute	1	🔴	
LAB,FOURTEEN ME0000012/21	34 F Emergency	1	🔴	
LAB,NINE WA0000044/20	42 F Obstetrics	1	🔴	
LAB,ONE WA0000034/20	44 M F Wing Medical	1	🔴	
LAB,SIXTEEN VC0000776/21	16 F Laboratory Services	1	🔴	
LAB,THIRTEEN VL0000012/21	58 F Laboratory Services	1	🔴	

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Click on Surveillance Audit



Specify the desired report criteria.

For example if you wanted a report on the number of COVID-19 positive patients to date by facility and unit, you would enter the following in my criteria:

The following is how the report will appear (note: the example below is test patient information only).

Care4 - Test	Surveillance Profile Audit Profile Format 01/01/2021 12:00 - 11/08/2021 11:37	Page: 2 Date: 11/08/2021 11:41 User: Sturgeon, Amanda
Profile COVID-19 Positive Account Number GA0000034/20 Name train, Jessie Admit Date/Time 16/10/2020 14:53 Discharge Date/Time Instance 1 Qualify Date/Time 19/05/2021 09:10 Qualify Location 2 East Qualifying Criteria Coronavirus (COVID-19) (PCR) Positive		