

Vaccination Tracking Administration

Overview

As Juvare's people and patient tracking solution, EMTrack can be configured to support vaccination tracking. Vaccination tracking features enable the entry and update of vaccinations across multiple locations, improving real-time situational awareness and offering historical reporting.

This document is geared toward EMTrack administrative users. It describes the EMTrack components that can be configured to support vaccination tracking operations and provides examples that can be adjusted and adopted to best meet your needs.

It is recommended that configuration decisions follow a thorough workflow analysis to ensure that all components support the identified end-user experience. Different sets of components can be configured to support the unique workflow needs of jurisdictions, health systems, and even individual clinics.

Key Components

The key configurable components that support vaccination tracking include:

- Incident Type
- Dashboard
- Patient Forms

Incident Type

Incident types enable you to pre-identify the appropriate attributes and participants for specific tracking needs by establishing:

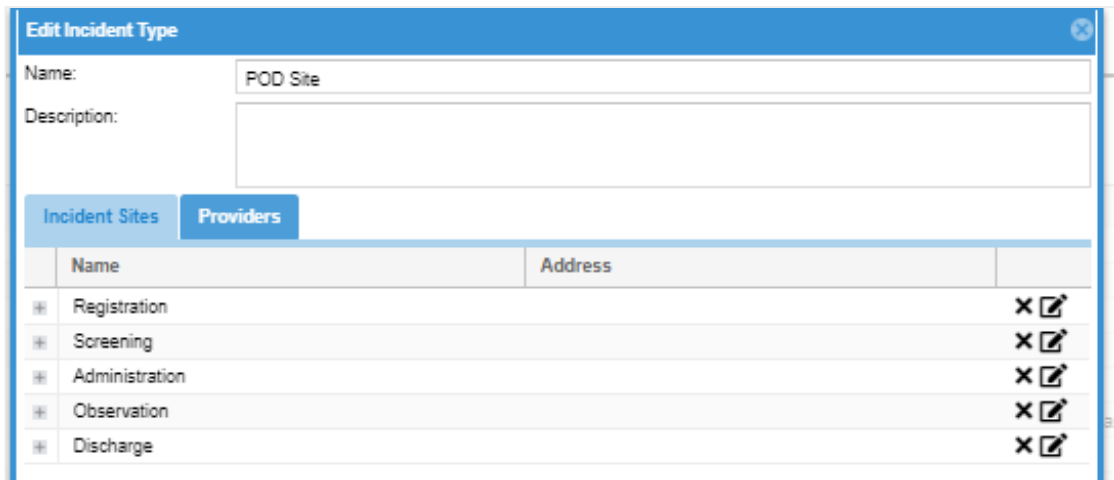
- Incident sites that are common for each instance of this type of patient tracking activity. In the case of vaccination tracking, these will be the progressive stations (for example, registration, screening, administration, observation, and discharge).
- Specific providers that are involved in vaccination tracking. These are selected from existing EMTrack Provider Facilities.

Multiple incident types can be created to support different Incident Sites and Provider combinations.

To create a new Incident Type

1. On the upper right, click **System Settings**.
2. On the left, under *Other Settings*, click **Incident Types**.
3. Click **Create incident type**. The window opens.
4. Enter a **Name** and **Description**.

- On the *Incident Sites* tab, click **Add Site** to enter each vaccination station. For example, Registration, Screening, Administration, Observation, and Discharge.



Edit Incident Type

Name:

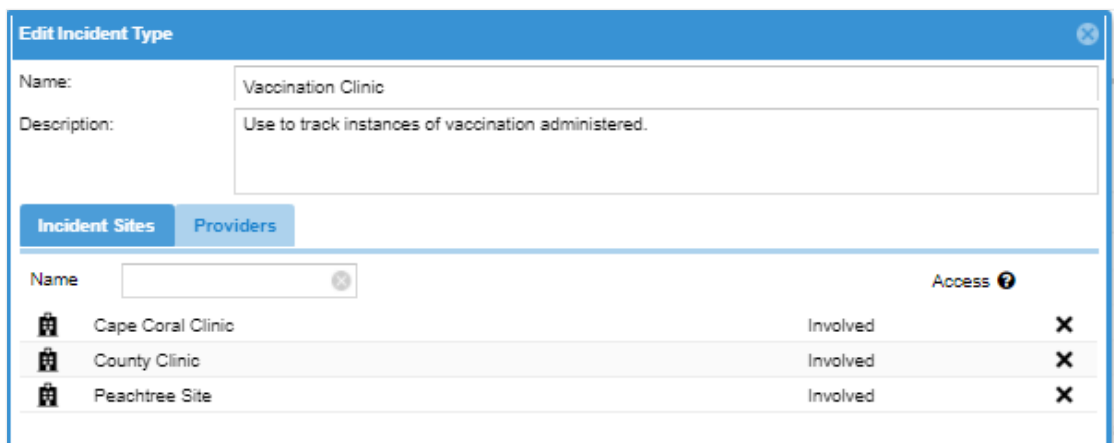
Description:

Incident Sites **Providers**

Name	Address	
Registration		X
Screening		X
Administration		X
Observation		X
Discharge		X

- On the *Providers* tab, add the locations that will be administering vaccinations.

Note: Providers are the same as Provider Facilities, which are key to associating personnel. Once established, when this type of EMTrack incident is started, it will already include the appropriate providers and stations.



Edit Incident Type

Name:

Description:

Incident Sites **Providers**

Name

Access

Cape Coral Clinic	Involved	X
County Clinic	Involved	X
Peachtree Site	Involved	X

Dashboard

Dashboards provide at-a-glance visual representations of tracking activities. They are highly configurable to meet the needs of various stakeholders, which can be either provider specific or across a state or region.

Dashboard gadgets are the separate components within the dashboard that display specific information in various format options. The following are examples that can be used to support gadget configuration for vaccination clinics.

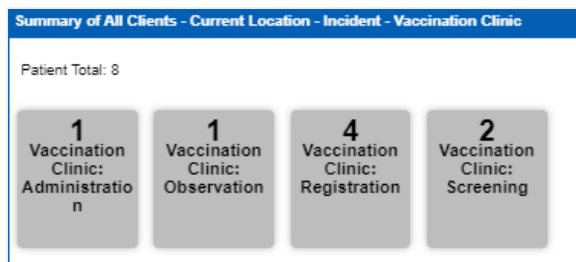
Lists

Lists identify all those being tracked, along with selected general information such as age and current location.

All Clients - Incident - Vaccination Clinic [Patient Total:10]				
	Age	Gender	Provider Evaluation	Tracking Summary
🔍	13 - 19 YR	Female	● Unspecified	At Vaccination Clinic: Registration
🔍	60+ YR	Female	● Unspecified	No Longer Tracking
🔍	60+ YR	Female	● Unspecified	At Vaccination Clinic: Registration
🔍	4 - 12 YR	Female	● Unspecified	At Vaccination Clinic: Registration
🔍	40 - 59 YR	Female	● Unspecified	At Vaccination Clinic: Observation
🔍	60+ YR	Female	● Unspecified	At Vaccination Clinic: Administration
🔍	60+ YR	Male	● Unspecified	No Longer Tracking
🔍	20 - 39 YR	--	● Unspecified	At Vaccination Clinic: Screening
🔍	40 - 59 YR	Male	● Unspecified	At Vaccination Clinic: Screening
🔍	40 - 59 YR	Male	● Unspecified	At Vaccination Clinic: Registration

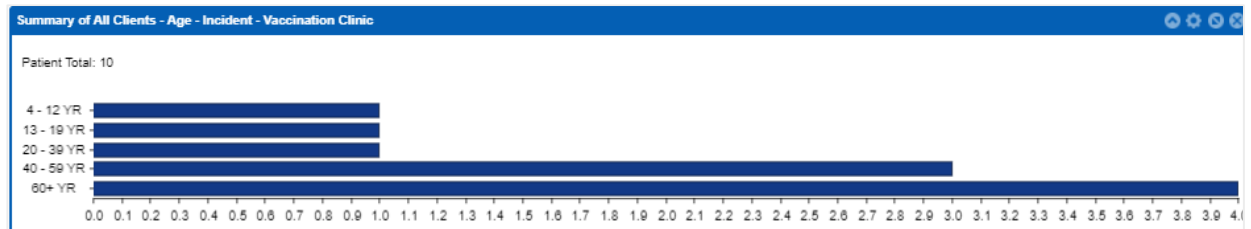
Station Summary

The Station Summary displays the patient count for each station.



Attribute Summary

The Attribute Summary is a bar chart that displays patient counts by an attribute, such as age.



Dashboard Configuration

It is recommended that you create a divisional vaccination tracking dashboard, which can be copied and customized to meet specific stakeholder groups' needs.

To create a new dashboard

1. On the upper left, click **Dashboard**.
2. On the right, in the **Configure** menu, click **Add Division Dashboard**. The dashboard appears with two placeholders.

3. On one placeholder, click **add a new gadget**. The *Gadget Directory* window opens.
4. Locate and click one of the client gadgets (for example, Client List or Client Summary). The gadget opens.
5. In the **Filter** list, click **All Clients**.

Note: Summary gadgets include additional configuration options, such as:

- a. Group By, which determines the display grouping (for example, age or location).
 - b. Sort By, which determines the order of the groupings.
 - c. Summary Type, which determines the type of graphic representation (for example, pie chart, bar chart, table, or counter box).
6. Repeat steps 3 – 6 to populate all placeholders.

Patient Forms

Custom configured patient forms support the data collection required for each vaccination tracking data set. While the specific fields are probably identical, the fields grouped together in discreet forms should support the prescribed workflow and mirror the identified stations (stations are the same as incident sites).

For this type of tracking activity, you will want to track specific information for each vaccination instance, including:

- Point of distribution site
- Vaccine recipient demographic information
- Prescreening and screening questions
- Vital signs
- Vaccine type and lot number
- Administration information

Form Examples

The following are examples that can be used to support the various stages of vaccination tracking data collection needs. Each of these can be added to your region and revised as needed. While these represent discreet data sets, your users' unique workflows may require that multiple sets be combined on a single form. Further, additional EMTrack fields can be added to the forms as needed. Your EMTrack region can include multiple combinations of fields that can be assigned to specific user types.

Patient forms can be configured for both the web and the EMTrack mobile app.

Registration

The point of entry data collection would typically include demographic information, much of which can be scanned in with a single drivers' license scan.

Vaccination Registration

Location Information

Incident Involvement * x ▾

Current Location * x ▾

Sub Location ▾

Registrant Information

ID # *
This is a new patient.

Driver License

Driver License Number Driver License State ▾

Name First Name * Middle Name Last Name *

Address Country

x ▾

Address 1

Address 2

City State ▾ ZIP/Postal Code

Gender *
 Male
 Female
 Unknown

Date of Birth *

Age ▾ Approximate Age

Phone Phone Number

Email

Screening

The Screening form provides the opportunity to update the record with pre-screening and screening questions, as well as health information such as allergies and symptoms.

Patient Information

ID # *
This patient already exists. Click Load to update the information on this form.

Name
 First Name Middle Name Last Name

Date of Birth

Screening Questions

Symptomatic * Yes No

Pre-Screening Question	Patient Response
Is the person a Healthcare Worker?	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Unknown
Is there close personal contact with a confirmed case infection?	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Unknown
Is there close personal contact with a suspected case?	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Unknown
Are they elderly or have underlying health conditions?	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Unknown
Has there been any of the following symptoms in the past 14 days? Fever, Coughing, Sore Throat, Shortness of Breath...	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Unknown
Does the individual live or work in a nursing home?	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Unknown

Screening Question	Patient Response
Is the person sick today?	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Unknown
Do they have a latex allergy?	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Unknown
Do you have an allergy to eggs?	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Unknown
Have you ever been diagnosed with Guillan-Barre?	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Unknown
Have you ever had a reaction to a vaccine previously?	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Unknown
Have you ever tested positive for COVID-19 or COVID-19 Antibodies?	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Unknown

Medication Allergies *

Environmental/Food Allergies

Administration

Site, route, lot number and expiration, and time administered fields are updated for each dose administered.

Vaccination Administration

Location Information

Incident Involvement * Vaccination Clinic x ▾

Current Location * Administration x ▾

Sub Location Select or search... ▾

Patient Information

ID # * Reset

This patient already exists. Click Load to update the information on this form.

Name

First Name	Middle Name	Last Name
Patricia		Lambert

Date of Birth

Vaccination

Vital Signs Evaluation

Blood Pressure * <input type="text" value="110"/> / <input type="text" value="70"/>	Pulse * <input type="text" value="72"/>
	Respiratory Rate <input type="text" value="12"/>
Temperature * <input type="text" value="98.6"/> °F ▾	SpO2 <input type="text" value="98"/>


Date and Time Measured * 📅

Medications Administered

Updated Time <input type="text" value="09/07/2020 14:20"/> 📅	Medication <input type="text" value="COVID-19 Vaccine x ▾"/> More	
+ Add		🗑

When you enter medication, EMTrack enables you to enter additional information.

More Information

Dose	<input type="text" value="1"/>
Amount	<input type="text"/>
Route	<input type="text" value="IM"/>
Sites	<input type="text" value="Left Vastus"/> ✕ ▼
Administered By	<input type="text" value="M. Kiser RN"/>
Ordered By	<input type="text" value="A. Estes MD"/>
Reaction	<input type="text" value="No"/> ✕ ▼
State Administered	<input type="text" value="WI"/> ✕ ▼
Lot #	<input type="text" value="D9887328"/>
Manufacturer	<input type="text" value="Baher"/>
Expiration Date	<input type="text" value="01/30/2022"/> 
<input type="text" value="Comments"/>	

Observation

An observation form supports the entry of additional vital signs if required.

Vaccination Observation

Location Information

Incident Involvement * x ▾

Current Location * x ▾

Sub Location ▾

Patient Information

ID # *

Name First Name Middle Name Last Name

Date of Birth

Observation

Symptoms ▾ ▾

Vital Signs Evaluation

<p>Blood Pressure * <input style="width: 40px;" type="text"/> / <input style="width: 40px;" type="text"/></p> <p>Temperature * <input style="width: 40px;" type="text"/> °F ▾</p>	<p>Pulse * <input style="width: 80px;" type="text"/></p> <p>Respiratory Rate <input style="width: 80px;" type="text"/></p> <p>SpO2 <input style="width: 80px;" type="text"/></p>
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Date and Time Measured 📅

Discharge

A discharge form prompts you to enter a disposition, which ends the tracking instance.

Vaccination Discharge

Location Information

Incident Involvement * x ▾

Current Location * x ▾

Sub Location ▾

Patient Information

ID # * This patient already exists. Click Load to update the information on this form.

Name First Name Middle Name Last Name

Date of Birth

Disposition

Disposition * x ▾

Reporting

All entered information is available to authorized users via historical reporting.

Vital Signs

Date Measured	BP:Pulse	RR	Temp.	SpO2
09/07/2020 14:20 CDT	110/70:72	12	98.4 °F / 36.9 °C	98
09/07/2020 14:36 CDT	114/72:80	12	98.5 °F / 36.9 °C	98

Screening Questions

Screening Question	Patient Response
Is the person sick today?	No
Is the person a Healthcare Worker?	Yes
Is there close personal contact with a confirmed case infection?	Yes
Do they have a latex allergy?	No
Is there close personal contact with a suspected case?	No
Do you have an allergy to eggs?	No
Have you ever been diagnosed with Guillan-Barre?	No
Are they elderly or have underlying health conditions?	No
Have you ever had a reaction to a vaccine previously?	No
Has there been any of the following symptoms in the past 14 days? Fever, Coughing, Sore	No

Administration Information

Medications:				
Time	Medication	NDC	Dose	
09/07/2020 14:20:00 CDT	COVID-19 Vaccine		1	
Amount	Lot	Manufacturer	Route	
	D9687328	Baher	IM	
Expires	Site	Admin By	Ordered By	Reaction
01/30/2022	Left Vastus	M. Kiser RN	A. Estes MD	N
State Admin	Location Admin			
WI				

Revise or Copy Patient Forms

Once configured or added to your region, patient forms can be revised by navigating to:

1. System Settings
2. Patient Forms

Manage Provider Access


Select Edit for the specific form to assign form availability based on provider and role.

Regional Availability

All providers
 Selected providers

All user roles
 Selected user roles

Provider ↑



County Clinic

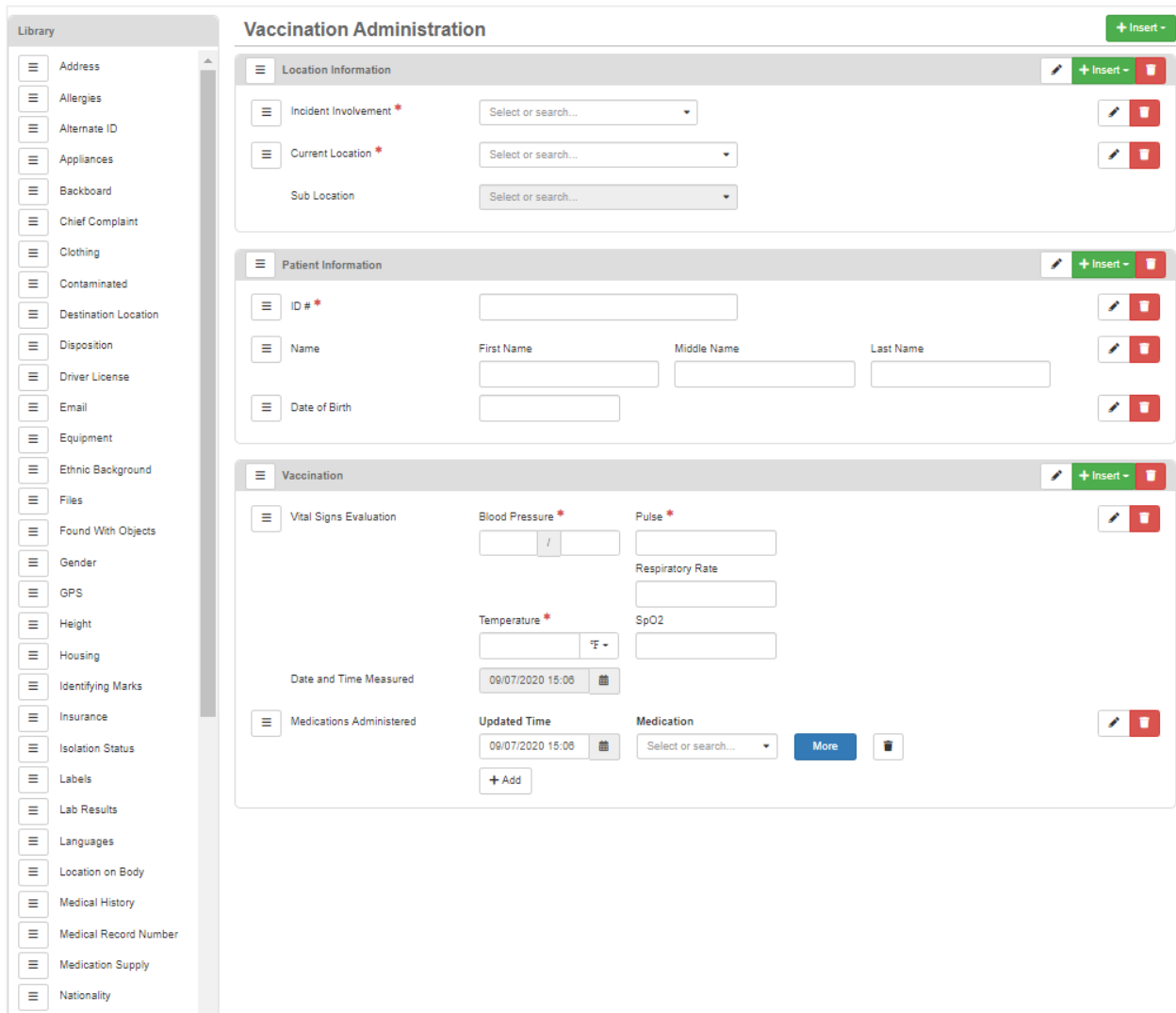
×

<input type="checkbox"/>	Role ↑
<input type="checkbox"/>	Catastrophic Medical Operations Center staff
<input type="checkbox"/>	ED Admin role
<input type="checkbox"/>	ED Normal role
<input type="checkbox"/>	EMS provider administration
<input type="checkbox"/>	Field EMS provider
<input type="checkbox"/>	Field EMS provider with rights to create an incident
<input checked="" type="checkbox"/>	Public Health Admin
<input checked="" type="checkbox"/>	Public Health User
<input type="checkbox"/>	Regional Administration

Revise Form Fields

Select Design for the specific form to add, revise, re-order, or remove form fields. You can:

- Add fields by dragging and dropping from the library on the left.
- Revise fields by selecting the pencil icon to the right of the field.
- Remove form fields by selecting the trash can icon to the right of the form field.



Library

- Address
- Allergies
- Alternate ID
- Appliances
- Backboard
- Chief Complaint
- Clothing
- Contaminated
- Destination Location
- Disposition
- Driver License
- Email
- Equipment
- Ethnic Background
- Files
- Found With Objects
- Gender
- GPS
- Height
- Housing
- Identifying Marks
- Insurance
- Isolation Status
- Labels
- Lab Results
- Languages
- Location on Body
- Medical History
- Medical Record Number
- Medication Supply
- Nationality

Vaccination Administration + Insert -

Location Information + Insert -

- Incident Involvement* ✎ 🗑
- Current Location* ✎ 🗑
- Sub Location

Patient Information + Insert -

- ID #*
- Name ✎ 🗑
- Date of Birth

Vaccination + Insert -

Vital Signs Evaluation ✎ 🗑

- Blood Pressure* /
- Pulse*
- Respiratory Rate
- Temperature* °F
- SpO2
- Date and Time Measured 🗑

Medications Administered ✎ 🗑

- Updated Time 🗑
- Medication More 🗑
- + Add

Copy a Form

Select Copy for the specific form to create another instance that can be modified and assigned as needed. Provide a name, choose a different icon, if desired, and select Save.

Assistance

The Juvare Support Center (support@juvare.com) is available 24/7 for further assistance.