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Manitoba

Public Health Information Management System (PHIMS)



PHIMS 3.2.3 – Next Gen Overview and Mass Immunization Module Changes

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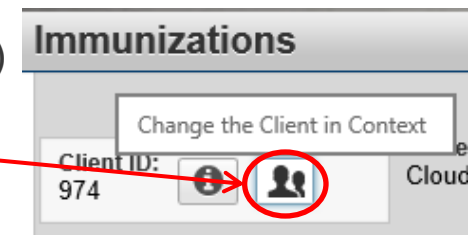
- New Features – overview of related changes from current state to future state (Next Gen)
- Mass Immunization – Specific Changes

New Features

- New functionality (see Indices presentation for more details)
 - Ability to quickly put a new client into context
 - No more scrolling to 'Search' or 'Save' – the Search and Save buttons have been added to the top at the header.
 - Different elements in client context header.
 - Modal window – replacement for 'classic add to table design'; Warning to save if you have added data.
 - Recent work now includes the current client
 - Recent work also includes the module in which you were working.

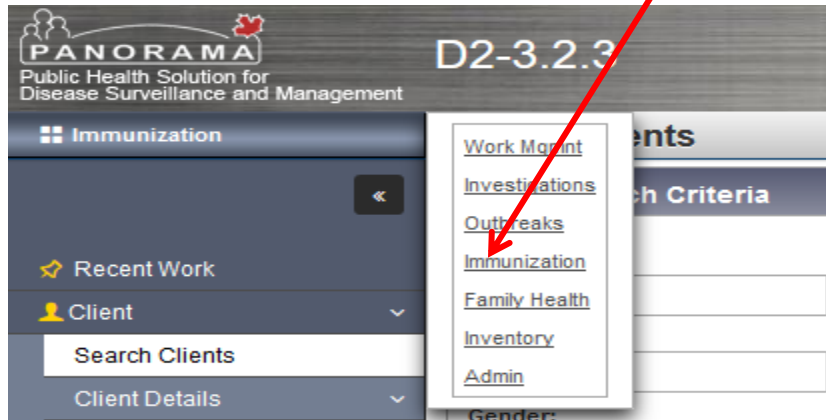
New Features

- New or Updated Common Components cont.
 - No more scrolling to 'save' – this is also now available in the header
 - Dropdowns now offer better 'filter' capability. In 2.5.7 you can type 'C, c, c etc' to rotate through all values that start with 'c', but in nextgen, there's a box provided you can type-in to whittle down values in the droplist.
- Client Search (in Indices – also applicable to Immunization)
 - Telephone number is now in the basic search section.
 - School information is now in the basic search section.
 - Client Preview has been expanded to show all information about a client on a view screen.
 - Default selections (e.g. checkboxes for indeterminate)
 - Quick search link (changes the client in context)

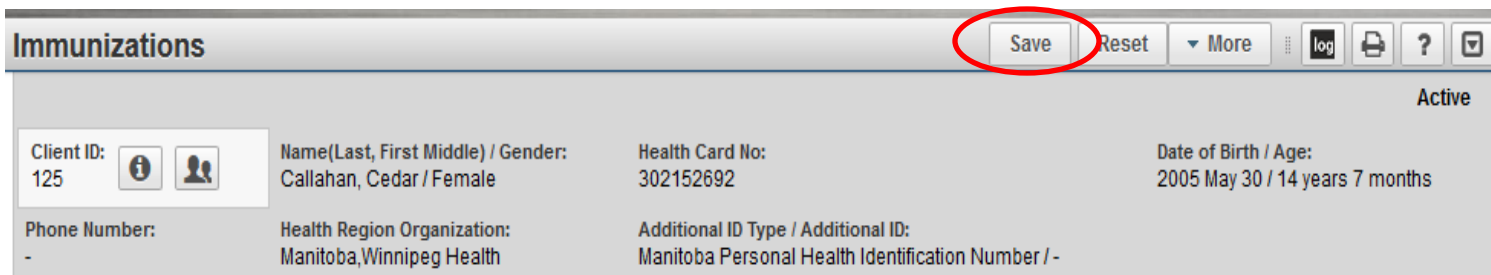


New Features

- Immunization button now in left hand top:



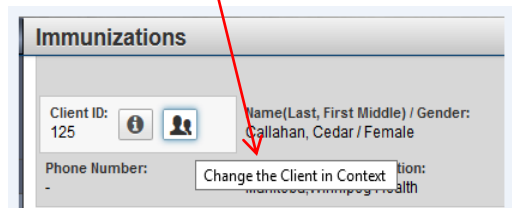
- And saving is done at the top, in in the header:



New Features

- Client Search

- Search Button now at top right hand of screen
- Quick search link (changes the client in context)



- Telephone number, School Information now in the basic search section.

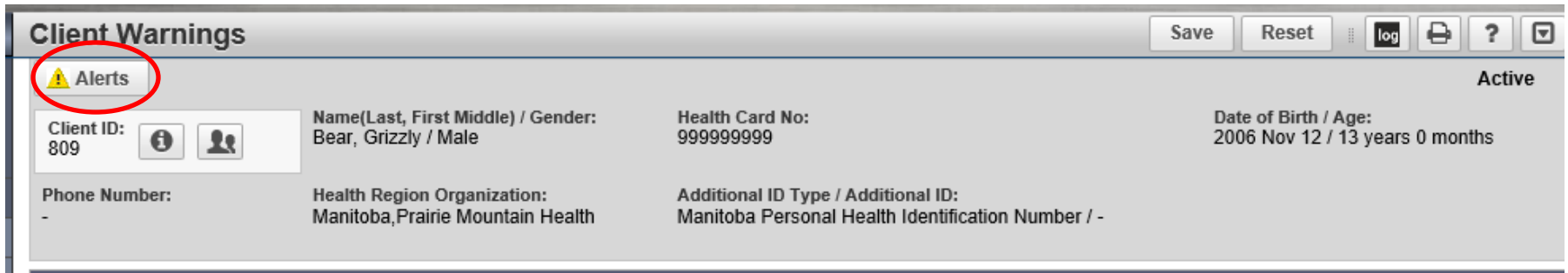
The screenshot shows the 'Search Clients' interface. At the top right, there are buttons for 'Search', 'Retrieve', 'Reset', and a help icon. Below this is the 'Basic Search Criteria' section, which contains various search filters. A red arrow points from the 'Search' button in the top right to the 'Search' button in the 'Basic Search Criteria' section. The 'Basic Search Criteria' section includes fields for Client Number, Client Number Type, Last Name, First Name, Middle Name, Gender, Date of Birth, Date of Birth Range, Age, Telephone Number (Country and Number), Health Region Organization, School Information (School, School Year, Grade, Class), and checkboxes for 'Include Inactive Clients', 'Include Indeterminate Clients', and 'Use Phonetic Matches'.

New Features



- Create/Update Client
 - New NextGen design
 - Attempt to address scrolling in classic version
 - Minor updates to sections and placement, labeling etc.
- Notes
 - 'Include related entities' checkbox is going to auto-check if the 'Display Notes For' droplist is at a level for which there could be related entities below.
 - Sorting of values added to the 'Display Notes For' and 'Move selected Note to' droplists

New Features

- Client Warnings/Alerts (also see Indices deck)
 - In Client context header 'Warnings' has been changed to 'Alerts'.

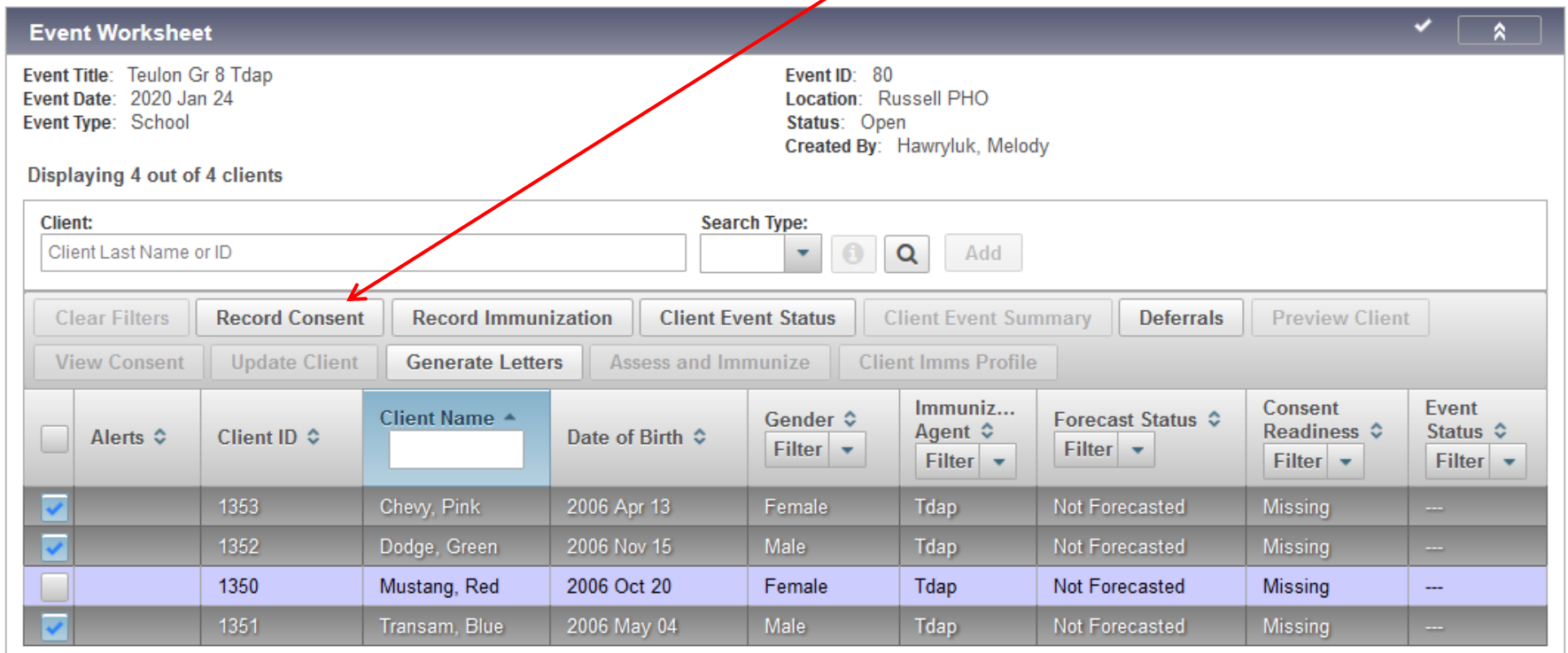


The screenshot shows a software interface for 'Client Warnings'. The title bar reads 'Client Warnings' and includes buttons for 'Save', 'Reset', 'log', a printer icon, a help icon, and a close icon. Below the title bar, there is a tab labeled 'Alerts' with a yellow warning triangle icon, which is circled in red. To the right of the tab, the status 'Active' is displayed. The main content area contains client information:

Client ID: 809	 	Name(Last, First Middle) / Gender: Bear, Grizzly / Male	Health Card No: 999999999	Date of Birth / Age: 2006 Nov 12 / 13 years 0 months
Phone Number: -	Health Region Organization: Manitoba, Prairie Mountain Health	Additional ID Type / Additional ID: Manitoba Personal Health Identification Number / -		

Consent Directives

Applying batch consent – very similar functionality to Classic version – selecting clients, click ‘Record Consent’



The screenshot displays the 'Event Worksheet' interface. At the top, event details are shown: Event Title (Teulon Gr 8 Tdap), Event Date (2020 Jan 24), Event Type (School), Event ID (80), Location (Russell PHO), Status (Open), and Created By (Hawryluk, Melody). Below this, it indicates 'Displaying 4 out of 4 clients'. A search bar is present with a 'Search Type' dropdown and an 'Add' button. A red arrow points from the text above to the 'Record Consent' button in the toolbar. The toolbar also includes buttons for 'Clear Filters', 'Record Immunization', 'Client Event Status', 'Client Event Summary', 'Deferrals', 'Preview Client', 'View Consent', 'Update Client', 'Generate Letters', 'Assess and Immunize', and 'Client Imms Profile'. The main area contains a table with columns for Alerts, Client ID, Client Name, Date of Birth, Gender, Immunization Agent, Forecast Status, Consent Readiness, and Event Status. The table lists four clients, with the first two and last one having their 'Alerts' checked.

Alerts	Client ID	Client Name	Date of Birth	Gender	Immuniz... Agent	Forecast Status	Consent Readiness	Event Status
<input checked="" type="checkbox"/>	1353	Chevy, Pink	2006 Apr 13	Female	Tdap	Not Forecasted	Missing	---
<input checked="" type="checkbox"/>	1352	Dodge, Green	2006 Nov 15	Male	Tdap	Not Forecasted	Missing	---
<input type="checkbox"/>	1350	Mustang, Red	2006 Oct 20	Female	Tdap	Not Forecasted	Missing	---
<input checked="" type="checkbox"/>	1351	Transam, Blue	2006 May 04	Male	Tdap	Not Forecasted	Missing	---

Consent Directives

- New - modal window opens; lists selected clients at top
- Recording consent functionality same as Classic

Record Consent for Service

Clients:
Chevy, Pink
Dodge, Green
Transam, Blue

Consent will be recorded for agents:
 Tdap

Number of Doses:

* **Instruction:** Reason for Refusal: Reason Description:
Grant

* **Effective From:** **To:** **Form of Consent:**
2020/01/23 yyyy/mm/dd Written

Consent Given By: **Consent Given To:**

Not Specified Related Client Other Relation

Not Specified Name Melody Hawryluk

Comments:

Immunization History – Detailed Data Table

- Open the ‘Immunization History – Detailed Data Table’ to see a more detailed history and enter immunizations
- Ability to sort by clicking on relevant arrows in tabs

Immunization History - Detailed Data Table

Immunization History - Detailed Data Table

		Agent ▲	Date Administered ▼	Age at Administration ▼	Status ▼	Trade Name ▼	Body Site ▼	Volume ▼
<input type="radio"/>		DTaP-IPV-Hib	2007 Jan 26	2m 14d	Valid	Pediacel	Vastus lateralis: left	0.5 mL
<input type="radio"/>		DTaP-IPV-Hib	2007 Mar 29	4m 17d	Valid	Pediacel	Vastus lateralis: right	0.5 mL
<input type="radio"/>		DTaP-IPV-Hib	2007 Jun 01	6m 20d	Valid	Pediacel	Vastus lateralis: left	0.5 mL
<input type="radio"/>		DTaP-IPV-Hib	2008 May 29	1y 6m	Valid	Pediacel	Deltoid: left	0.5 mL
<input type="radio"/>		HPV-9	2019 Dec 03	13y 0m	Valid	Gardasil 9	Deltoid: left	0.5 mL
<input type="radio"/>		MMR	2008 Jan 13	1y 2m	Valid	Priorix	Arm: upper right	0.5 mL
<input type="radio"/>		MMRV	2011 Dec 12	5y 1m	Valid	PriorixTetra	Arm: upper right	0.5 mL
<input type="radio"/>		Pneu-C-13	2007 Jan 26	2m 14d	Valid	Prevnar13	Vastus lateralis: right	0.5 mL
<input type="radio"/>		Pneu-C-13	2007 Mar 29	4m 17d	Valid	Prevnar13	Vastus lateralis: left	0.5 mL
<input type="radio"/>		Pneu-C-13	2007 Jun 01	6m 20d	Valid	Prevnar13	Vastus lateralis: right	0.5 mL

Mass Immunizations – Specific

- If you navigate away from the worksheet to look at a profile or individual client information, most pages have a new 'Return' button so you can return directly to the mass imms event worksheet

The screenshot shows a web application interface for client immunization management. The main header is "Assess and Immunize". Below the header, there are several buttons: "Return" (circled in red), "Record Consent", "Record Immunization", and "More". The client information is displayed in a grid format:

Client ID: 868	Name (Last, First Middle) / Gender: Jumper, Jerome / Male	Health Card No: 724374176	Date of Birth / Age: 2006 Aug 11 / 13 years 4 months
Phone Number: -	Health Region Organization: -	Additional ID Type / Additional ID: Manitoba Personal Health Identification Number / -	

Below the client information, there is a section titled "Client Immunization Profile" with a checkmark and an up arrow icon. At the bottom, there are several tabs: "Immunization History", "Immunization Summary", "Forecast by Agent", "Forecast by Disease", "Client Event Summary", and "Antigen Count".

Mass Immunizations

- Ability to navigate to various functions from the Mass Immunizations worksheet by selecting client, then “Assess and Immunize”, and clicking “More”

The screenshot displays the 'Assess and Immunize' interface. At the top, there are buttons for 'Return', 'Record Consent', 'Record Immunization', and 'More'. A red arrow points from the 'More' button in the text above to the 'More' button in the interface. Below the buttons, there is a client profile section with fields for Client ID (801), Name (Alligator, Alfie / Male), Health Card No (741741741), Phone Number, Health Region Organization, and Additional ID Type (Manitoba Personal Health Identification Number). A dropdown menu is open from the 'More' button, listing options: AEFI, Allergies, Allergies - Set to None, Client Event Status, Client Immunization Profile, Clinical Notes, Deferrals, Special Considerations, and Warnings. Below the profile is the 'Client Immunization Profile' section, which includes tabs for 'Immunization History', 'Immunization Summary', 'Forecast by Agent', 'Forecast by Disease', and 'Client'. The 'Immunization History' tab is active, showing a table of immunizations:

Agent	Date Administered	Age at Administration	Status	Trade Name	Body Site	Volume
HAHB	2018 Jan 10	9y 4m	Valid	Twinrix Junior	Deltoid: left	0.5 mL
HAHB	2018 Feb 25	9y 6m	Valid			
HAHB	2018 Sep 17	10y 1m	Valid			

At the bottom of the table, there is a 'Total: 3' and a pagination control showing '1' of 3 pages.

Mass Imms Worksheet Filters

- Now located at top of client list factory table

Event Worksheet ✓

Event Title: Birtle Gr 6 HB, HPV, MenQ Event ID: 40
Event Date: 2019 Dec 03 Location: Russell PHO
Event Type: School Status: Open
Created By: Hawryluk, Melody

Displaying 6 out of 6 clients

Client: Search Type:

<input type="checkbox"/>	Alerts	Client ID	Client Name	Date of Birth	Gender	Immuniz... Agency	Forecast Status	Consent Readiness	Event Status
			<input type="text"/>		<input type="button" value="Filter"/>	<input type="button" value="Filter"/>	<input type="button" value="Filter"/>	<input type="button" value="Filter"/>	<input type="button" value="Filter"/>
<input type="checkbox"/>		801	Alligator, Alfie	2008 Aug 12	Male	HB		Granted	---
<input type="checkbox"/>		801	Alligator, Alfie	2008 Aug 12	Male	HPV-9	Not Started	Refused	---
<input type="checkbox"/>		801	Alligator, Alfie	2008 Aug 12	Male	Men-C-ACYW-135		Missing	---
<input type="checkbox"/>		799	Gecko, George	2008 Nov 12	Male	HPV-9	Due	Granted	---
<input type="checkbox"/>		799	Gecko, George	2008 Nov 12	Male	HB	Up To Date	Granted	Immunized
<input type="checkbox"/>		799	Gecko, George	2008 Nov 12	Male	Men-C-ACYW-135	Due	Granted	---
<input type="checkbox"/>		800	Iguana, Ila	2008 Feb 13	Female	HPV-9	Due	Granted	---
<input type="checkbox"/>		800	Iguana, Ila	2008 Feb 13	Female	HB	Up To Date	Granted	Immunized
<input type="checkbox"/>		800	Iguana, Ila	2008 Feb 13	Female	Men-C-ACYW-135	Due	Granted	---

Updating Status for Mass Imms Event

New in 3.2.3, the 'Deferral' selection is now a stand-alone option and not included in the 'Client Event Status':

The screenshot shows the 'Event Worksheet' interface. At the top, there are buttons for 'Update Event', 'More', 'log', a printer icon, and a help icon. Below this, the event details are displayed: Event Title: Teulon Gr8 HPV, Event Date: 2020 Jan 23, Event Type: School, Event ID: 42, Location: Teulon PHO, Status: Open, and Created By: Hawryluk, Melody. A section indicates 'Displaying 10 out of 10 clients'. Below this is a search bar for 'Client' and 'Search Type'. A row of buttons includes 'Clear Filters', 'Record Consent', 'Record Immunization', 'Client Event Status', 'Client Event Summary', 'Deferrals' (circled in red), and 'Preview Client'. Below these are more buttons: 'View Consent', 'Update Client', 'Generate Letters', 'Assess and Immunize', and 'Client Imms Profile'. The main part of the interface is a table with columns for Alerts, Client ID, Client Name, Date of Birth, Gender, Immunizing Agent, Forecast Status, Consent Readiness, and Event Status. The table contains four rows of client data.

Alerts	Client ID	Client Name	Date of Birth	Gender	Immunizing Agent	Forecast Status	Consent Readiness	Event Status
<input type="checkbox"/>	895	Camper, Caliope	2006 Oct 03	Female	HPV-9	Not Forecasted	Missing	---
<input checked="" type="checkbox"/>	888	Cheese, China	2006 May 12	Female	HPV-9	Not Forecasted	Granted	---
<input type="checkbox"/>	893	Ciily, Cally	2006 Feb 17	Female	HPV-9	Up To Date	Granted	Immunized
<input type="checkbox"/>	892	Dainty, Dory	2006 Mar 19	Female	HPV-9	Up To Date	Granted	Immunized

Updating a Mass Imms Event

In 3.2.3, the 2 options to update the status of a client are Absent and Previously Immunized.

The screenshot shows a software interface titled "Event Worksheet" with a sub-dialog box "Update Client Event Status". The dialog contains the following elements:

- Clients:** Cheese, China
- Client Event Status will be updated for:**
 - HPV-9
- * Client Event Status:** A dropdown menu is open, showing two options: "Absent" and "Previously Immunized".
- A "Reset" button is visible to the right of the dropdown.

Deferrals for Immunization

In 3.2.3, you can now select 'Deferral' as an option for Event status, and select reason or free-text the reason for deferral.

The screenshot displays the 'Event Worksheet' interface with a 'Record Deferral' form. The form includes the following fields and controls:

- Event Worksheet** (header) with **Update Event** and **More** buttons.
- Record Deferral** (sub-header) with a close button (X).
- Clients:** Cheese, China
- Deferrals will be recorded for:** HPV-9
- * Effective From:** 2020/01/23 (with a calendar icon)
- To:** yyyy/mm/dd (with a calendar icon)
- * Reason:** Other - specify (dropdown menu)
- Comment Text:** Client refused to be immunized at school clinic. Parent contacted for option to immunize at PHO.
- (1903 characters remaining.)**
- Save** and **Reset** buttons.

Mass Immunizations

- New button added – easier to ‘add’ new clients to the worksheet

Client List

Search by Forecast Query Search Clients Search Cohort Upload Client List Remove Client List

Cohort: [Rossburn Gr6 HB, HPV](#) ⓘ
Client List: [Rossburn Gr6 HB, HPV](#)
Client List Attached on: 2019 Dec 11
The oldest forecast within this group of clients: 2019 Dec 11 16:18 CST
All the clients in this event were last forecasted as a group on:

Client List Content

Schedule Forecast **Add**

<input type="checkbox"/>	Client ID ↕	Client Name ^	Date of Birth ↕	Gender ↕
<input type="checkbox"/>	865	Camper, Caliope	2006 Oct 03	Female
<input type="checkbox"/>	858	Cheese, China	2006 May 12	Female
<input type="checkbox"/>	863	Ciily, Cally	2006 Feb 17	Female
<input type="checkbox"/>	862	Dainty, Dory	2006 Mar 19	Female

New Mass Imms Auto-decrement

- Mass Imms functionality now includes the option to auto-decrement vaccine inventory

Mass Immunization Event

Event ID: 40

* Event Title: Description:

* Event Date:

* Status: * Event Type:

* Organization:

* Service Delivery Location:

Use Auto-Decrementing

Use Auto-Decrementing in this Event

* Holding Point: * Holding Point Location: