



Shared health  
**Soins communs**  
Manitoba

## Public Health Information Management System (PHIMS)

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### PHIMS 3.2.3 – Next Gen Overview and Immunization Module Changes

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- New Features – overview of related changes from current state to future state (Next Gen)
- Immunizations – Single Client-Specific Changes
- Special Considerations
- AEFI

# New Features

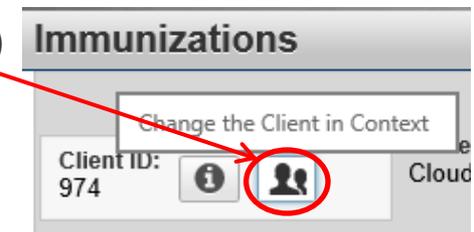
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- New functionality (see Indices presentation for more details)
  - Ability to quickly put a new client into context
  - No more scrolling to 'Search' or 'Save' – the Search and Save buttons have been added to the top at the header.
  - Different elements 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

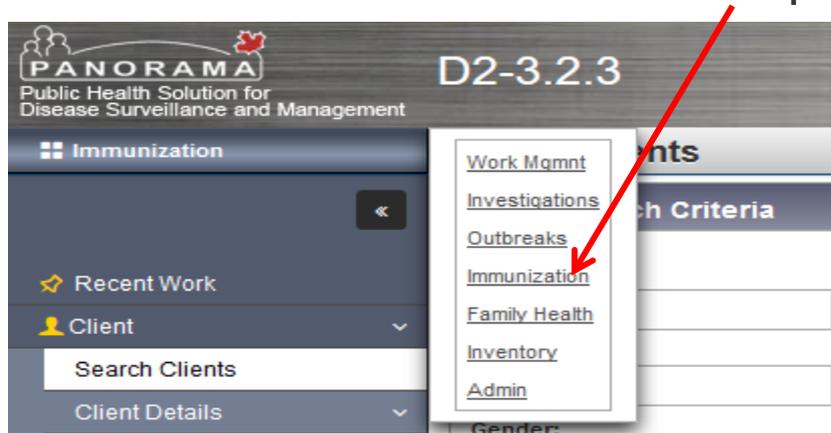
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- Dropdowns now offer better 'filter' capability. In 2.5.7 you can type 'C, c, c etc' to rotate through all values that start with 'c', but in nextgen, there's a box provided you can type-in to whittle down values in the droplist.
- Client Search
  - 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:



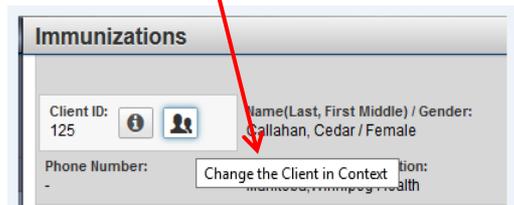
- Saving is done at the top, in in the header:



# New Features

- Client Search

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



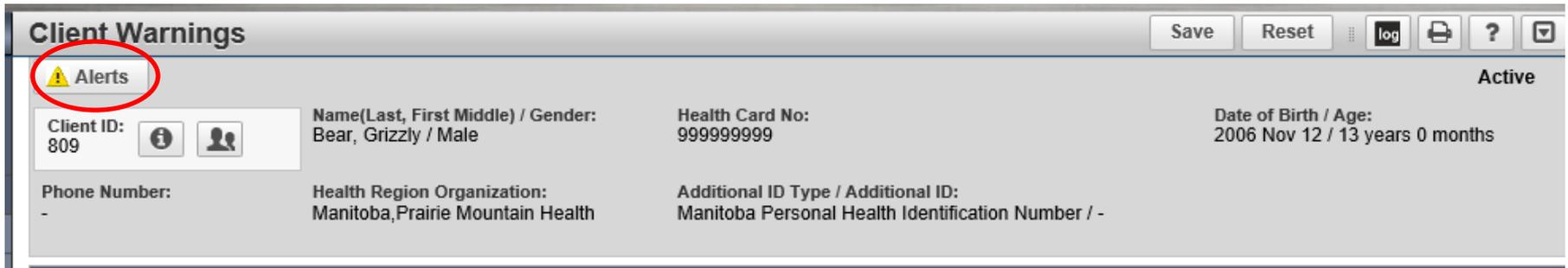
- Telephone number, School Information now in the basic search section.

The 'Search Clients' interface includes the following fields and options:

- Search Clients** (Title bar)
- Buttons: Search, Retrieve, Reset, Print, Help
- Basic Search Criteria** (Section header)
- Client Number: [Text Field] Client Number Type: [Dropdown]
- Last Name: [Text Field] First Name: [Text Field] Middle Name: [Text Field]
- Gender: [Dropdown]
- Choose one:
  - Date of Birth: [Text Field]
  - Date of Birth Range: [Text Field] Effective From: [Text Field] To: [Text Field]
  - Age: [Text Field] Year(s): [Dropdown]
  - None of the above
- Telephone Number:
  - Country: [Dropdown] Number: [Text Field] x [Text Field]
- Health Region Organization: [Text Field] [Info] [Search] [Exact Match]
- School Information** (Section header)
- School: [Text Field] [Info] [Search]
- School Year: [Dropdown] Grade: [Dropdown] Class: [Text Field]

# New Features

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



The screenshot displays a software interface for a client's health record. At the top, a header bar contains the text 'Client Warnings' on the left and several action buttons on the right: 'Save', 'Reset', 'log', a printer icon, a question mark icon, and a dropdown arrow icon. Below the header, a yellow warning triangle icon is positioned next to the word 'Alerts', which is circled in red. To the right of this, the word 'Active' is displayed. The main content area is divided into several sections: 'Client ID: 809' with information and user icons; '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'; and 'Additional ID Type / Additional ID: Manitoba Personal Health Identification Number / -'.

# Consent directives – new look

1.

### Consent Directives - Immunization Service

Add to WQ Save Reset log Print ?

**Active**

Client ID: 1349	Name(Last, First Middle) / Gender: Pecan, Butter / Male	Health Card No: -	Date of Birth / Age: 2015 Sep 09 / 4 years 4 months
Phone Number: -	Health Region Organization: Manitoba	Additional ID Type / Additional ID: Manitoba Personal Health Identification Number / -	

#### Consent Directives

To create a new record click Add.

Add

# Consent directives – continued

- You must click the arrow to select/display the antigens to proceed
- The antigen list then appears under "Select Antigens"

**Consent Directives**

**Add Consent Directive** [Apply] [Reset] [Print] [Close]

\* Directive Category: Service | \* Directive Sub Category: Immunization | Directive Type: Service: Immunization [→]

\* Consent Applies To:

Antigen Select Option:  All Antigens  Selected Antigens [Number of:

Select Agents: DTaP-IPV-Hib [→] | Select Antigens: Select an Agent and click the arrow to display Antigens.

\* Instruction:  Grant  Refuse | Reason for Refusal:  | Reason Description:  (100 characters remaining.)

\* Status:  Draft  Confirmed

\* Effective From: 2020/01/22 [Calendar] | To: yyyy/mm/dd [Calendar] | Form of Consent:

Consent Given By:  Not Specified |  Related Client [Text] |  Other Relation: Mother [Dropdown] [Text]

Consent Given To:  Not Specified |  Name: Mary Poppins [Text] | Current User [Text]

Antigens	Consent Readiness
<input checked="" type="checkbox"/> Diphtheria toxoid standard dose	Missing
<input checked="" type="checkbox"/> Haemophilus influenzae type B antigen	Missing
<input checked="" type="checkbox"/> Pertussis acellular antigen standard dose	Missing
<input checked="" type="checkbox"/> Poliomyelitis inactivated antigen	Missing
<input checked="" type="checkbox"/> Tetanus toxoid	Missing

# Consent directives – continued

Minor changes to the consent directives field (additional options), once consent has been applied

**Consent Directives - Immunization Service** Add to WQ Save Reset log ?

**Active**

Client ID: 1349   Name(Last, First Middle) / Gender: Pecan, Butter / Male Health Card No: - Date of Birth / Age: 2015 Sep 09 / 4 years 4 months

Phone Number: - Health Region Organization: Manitoba Additional ID Type / Additional ID: Manitoba Personal Health Identification Number / -

**Consent Directives** ↑

**Add**

Update View Confirm Expire Now Discard Delete Copy as Draft Documents

<input type="checkbox"/>			Status Filter On	Instruction Filter	Directive Type	Antigen Filter	Active Filter On	Effective From	Effective To
<input type="checkbox"/>			Confirmed	Grant	Service: Immunization	Tetanus toxoid	Active	2020 Jan 22	
<input type="checkbox"/>			Confirmed	Grant	Service: Immunization	Poliomyelitis inactivated antigen	Active	2020 Jan 22	
<input type="checkbox"/>			Confirmed	Grant	Service: Immunization	Pertussis acellular antigen standard dose	Active	2020 Jan 22	
<input type="checkbox"/>			Confirmed	Grant	Service: Immunization	Haemophilus influenzae type B antigen	Active	2020 Jan 22	
<input type="checkbox"/>			Confirmed	Grant	Service: Immunization	Diphtheria toxoid standard dose	Active	2020 Jan 22	

**Total: 5** 1 10

# Immunization Changes - Landing Page

1. Immunization Profile and Entry are together on one page
2. Tabbed Design allows for easier sorting (by clicking at top of relevant tab, noted with arrows)

The screenshot displays the 'Immunizations' landing page. At the top, there are buttons for 'Save', 'Reset', and 'More', along with utility icons for 'log', 'print', 'help', and 'refresh'. The main content area is divided into three sections:

- Immunization Details:** Contains an 'Immunization History - Summary Grid' table. A red arrow points to the 'Agent' column header, and another red arrow points to the 'Date Administered' column header.
- Immunization History - Detailed Data Table:** A section for more granular data.
- Tab Panel:** A row of tabs for different categories: 'Special Considerations', 'AEFI', 'Allergies', 'Deferrals', 'Risk Factors', 'TB Skin Test', 'IGRA Tests', 'Mass Imms Event', 'Consent', and 'IHI'. A red arrow points to the 'Special Considerations' tab.

Agent	Date Administered					
DTaP-IPV-Hib	2007 Jan 26	2007 Mar 29	2007 Jun 01	2008 May 29		
HPV-9	2019 Dec 03					
MMR	2008 Jan 13					
MMRV	2011 Dec 12					
Pneu-C-13	2007 Jan 26	2007 Mar 29	2007 Jun 01			

# 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

# Add Immunizations

Add Single Immunization:

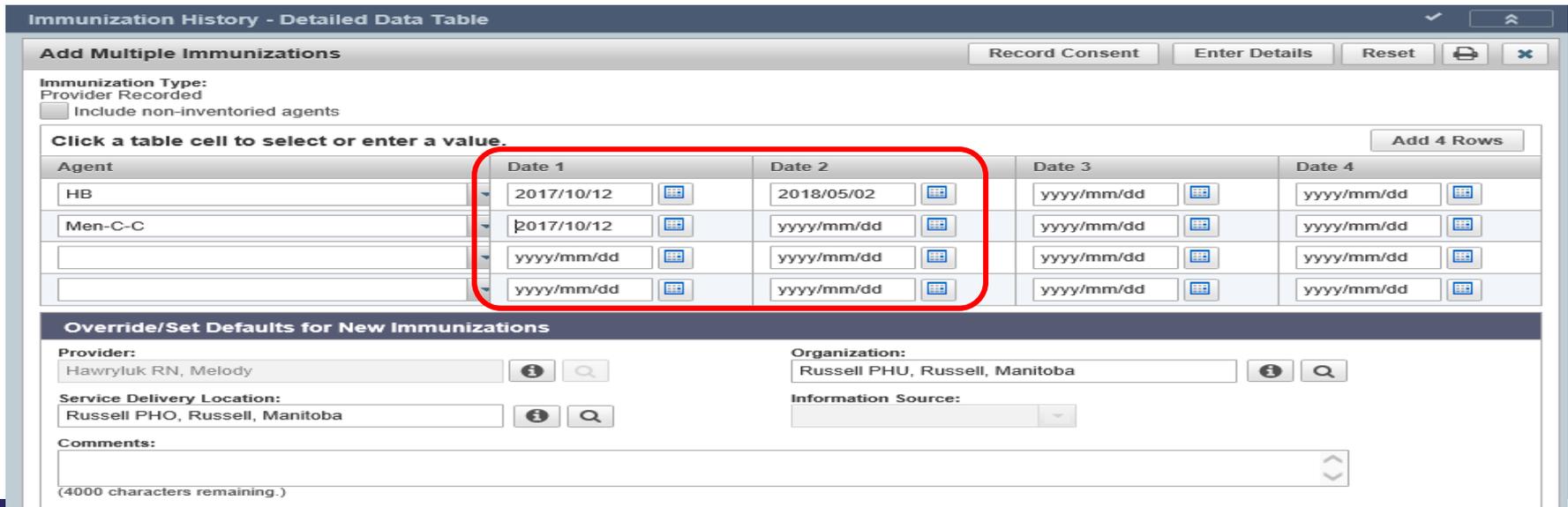
Can choose which type of immunization to add:



The screenshot shows the 'Immunization History - Detailed Data Table' interface. A dropdown menu is open, highlighting the 'Add Single Immunization' option. Other options in the menu include 'Add Historical', 'Add Non-Provider Recorded', and 'Add Provider Recorded'. The table below the menu has columns for 'Agent', 'Date Administered', 'Age at Administration', 'Status', 'Body Site', and 'Volume'.

Add One or More Immunizations:

Can quickly batch entry of multiple immunizations and choose using calendar entry:



The screenshot shows the 'Add Multiple Immunizations' form. It includes a table for entering immunization data with columns for 'Agent', 'Date 1', 'Date 2', 'Date 3', and 'Date 4'. The 'Date 1' and 'Date 2' columns are highlighted with a red box. Below the table, there are fields for 'Provider', 'Organization', 'Service Delivery Location', and 'Information Source'. A 'Comments' field is also present at the bottom.

Agent	Date 1	Date 2	Date 3	Date 4
HB	2017/10/12	2018/05/02	yyyy/mm/dd	yyyy/mm/dd
Men-C-C	2017/10/12	yyyy/mm/dd	yyyy/mm/dd	yyyy/mm/dd
	yyyy/mm/dd	yyyy/mm/dd	yyyy/mm/dd	yyyy/mm/dd
	yyyy/mm/dd	yyyy/mm/dd	yyyy/mm/dd	yyyy/mm/dd

# “Tab Panel” – quick view

- Able to quickly navigate between tabs, and sort individual table by clicking on arrow at top of factory table:

Tab Panel

✓ Special Considerations ✓ AEFI Allergies Deferrals Risk Factors TB Skin Test IGRA Tests Mass Imms Event ✓ Consent IHI

Type ^	Applies To ^	Antigen/Agent/Dise... ^	Reason ⇅	Effective From ⇅	Effective To ⇅
Exemption	Antigen	Varicella antigen	Immunity - Previous Disease	2019 Nov 27	

Total: 1

10

Tab Panel

✓ Special Considerations ✓ AEFI Allergies Deferrals Risk Factors TB Skin Test IGRA Tests Mass Imms Event ✓ Consent IHI

Event ID ^	Immunization(s)	Date Administered	Date Reported ⇅	Status ⇅
20	Inf-Intramuscular	2019 Nov 28	2019 Nov 28	Submitted for review

Total: 1

10

# Special Considerations

- New look, but very similar data fields as classic version

The screenshot shows a web application window titled "Special Considerations". The window has a dark blue header with the title and a small upward arrow icon. Below the header is a light gray bar with the text "Add Special Consideration" and four buttons: "Apply", "Reset", a printer icon, and a close icon. The main content area is white and contains several form fields:

- \* Organization:** A text input field containing "Russell PHU, Russell, Manitoba" with an information icon and a search icon to its right.
- \* Service Delivery Location:** A text input field containing "Russell PHO, Russell, Manitoba" with an information icon and a search icon to its right.
- \* Type of Special Consideration:** A dropdown menu with "Contraindication" selected.
- \* Reason for Special Consideration:** An empty dropdown menu.
- \* Special Consideration Applies to:** A section with five radio button options, each followed by a dropdown menu:
  - Antigen
  - Agent
  - Agent Group
  - Disease
  - Disease Group
- \* Effective From:** A date input field containing "2019/12/17" with a calendar icon to its right.
- To:** A date input field containing "yyyy/mm/dd" with a calendar icon to its right.
- \* Source of Evidence:** A dropdown menu with "Affidavit" selected.
- Date Documented:** A date input field containing "yyyy/mm/dd" with a calendar icon to its right.

# Adverse Events (AEFI)

- New look, but very similar to classic version.
- Follows the PHAC AEFI reporting form.
- Biggest change is management of the 'Status' of the event – instead of the previous 'Save as Draft' or 'Save and Submit', the status is selected in the drop down, and saved on top nav.



The screenshot displays the 'Adverse Event' reporting form. A red circle highlights the 'Status' dropdown menu, which is currently set to 'Draft'. The dropdown menu is open, showing two options: 'Draft' and 'Submitted for review'. Other fields visible on the form include 'Unique Episode number:', 'IMPACT LIN:', and '\* Service Delivery Location:' (Manitoba Health SDL, Winnipeg, Manitoba). Information and search icons are present next to the input fields.