



Shared health
Soins communs
Manitoba

Public Health Information Management System (PHIMS)



PHIMS 3.2.3 – Investigations Module Changes

Table of Contents

Next Gen:

1. Review the PHIMS 3.2.3 Next Gen Overview and Indexes Module.ppt

New Investigations features available in 3.2.3:

1. Microorganism
2. Report Quick Launch

Updates to Investigations screens in 3.2.3:

1. Subject Summary screen
2. Create Investigation
3. Exposures
4. Prescriptions
5. Intervention Summary screen
6. Risk Factors (this is in a separate dedicated .ppt)

Key Defects Resolved in 3.2.3

New Functions

Microorganism

- In 3.2.3 the 2 Levels of Causative Agent and the Further Differentiation text field have been replaced with Microorganism. This structure is dynamic and when a microorganism is selected, the related taxonomy droplists will appear below. Further differentiation will now be recorded in an Epi Marker text field available directly below the microorganism fields.

Disease Summary

*** Disease:**

*** Authority:** *** Classification:**

*** Classification Date:** / / 
yyyy mm dd

Microorganism:

Genotype:

Further differentiation:

Provincial Outbreak Code:

Information Source:

New Functions

Report Quick Launch

- The Subject Summary and Investigation Summary screens now have a droplist at the top from which reports can be launched without going to the Reports module. If required a pop-up allowing entry of parameters will be presented to the user.

Number: - Manitoba Manitol Numbe

Report: Launch

D

Updates to Existing Screens

Subject Summary screen

- Sections that contain Closed Investigations will be collapsed by default.

↑ Hide
Sexually Transmitted and Bloodborne Infections Encounter Group

Create Investigation

Investigation 22 - Syphilis - CLOSED ↓ Show

Investigation 16 - Hepatitis C - OPEN ↑ Hide

Investigation ID:	Status:	Investigator:	Linked Outbreaks:	Report Date (Sent):	Report Date (Received):
16	OPEN	Chanchal Sethi	-	-	24 January 2019

Disease	Etiologic Agent	Epi Markers	Authority / Classification Classif. Date (✓ Primary Classification, Δ Set by Case Def)	Site(s)	Staging	
Hepatitis C	-	-	<input checked="" type="checkbox"/> Provincial / Case - Person Under Investigation	2019 Jan 24	-	Old case - previously diagnosed/known

Updates to Existing Screens

Create Investigation Screen

- The Manual Authority has been removed in 3.2.3. When creating contact Investigations via the Maintain Transmission Event – Known Contacts section, the Provincial Authority will be used and the classification will default to Contact – Person Under Investigation.

Disease Summary

* **Disease:** Chlamydia trachomatis infection ▾

* **Authority:** ▾ * **Classification:**

* **Classification Date:** / /
yyyy mm dd

Microorganism: ▾

Manual Authority removed

Updates to Existing Screens

Exposures Screens

- TEs and AEs can be deleted

[View Map](#)

Reason for Deletion:

* Required field

Transmission Event Details

Exposure Summary screen

- Fields that display on the Exposure Summary Quick Entry screen summary tables have changed:
 - TE and AE IDs are hyperlinks and TE/AE name added as a column.
 - New entry fields are setting, transmitter role, mode of transmission and nature of transmission.
- Acquisition Events are now sorted by subject name

Maintain AE and TE screens

- You can now add multiple Modes of Transmission/Natures of Exposures (data model change)
- It's easier to add multiple known contacts to a TE without having to use cohort. To do this select the 'Client' radio button. Once on Search Client, you can select multiple Contacts from the search results to add as Known Contacts.

Updates to Existing Screens

Exposure Summary screen

- Fields that display on the Exposure Summary Quick Entry screen summary tables have changed:
 - TE and AE IDs are hyperlinks and TE/AE name added as a column.
 - New entry fields are setting, transmitter role, mode of transmission and nature of transmission.
- Acquisition Events are now sorted by subject name

Transmission Event Hide Transmission Event

* Required field

* Exposure Name:

Transmission Event ID: -

* Transmission Start: / / : : CST

Transmission End: / / : : CST

Location Name:

Setting Type:

Setting:

Responsible Organizational Unit: *To specify an Organization first click on the 'Find' button. Then search, or type the name of the Organization you wish to specify, select it and click on 'Select' button. Then click 'Close' to close.*

Organization: Top Level > Level 2 (specific one) > Level 3 (specific one) > [Selected Level 4 Organization]

Transmitter Role:

Mode of Transmission:

Nature of Transmission

Selected

Click on a radio button to select a transmission event for editing.

Row Actions:

TE ID	Exposure Name	Transmission Start	Transmission End	Location Name	Setting Type	# of Contact	Invalid
<input type="radio"/> 49	test	2020 Jan 9	-	-	-	0	-

Updates to Existing Screens

Maintain AE and TE screens

- You can now add multiple Modes of Transmission/Natures of Exposures (data model change)
- It's easier to add multiple known contacts to a TE without having to use cohort. To do this select the 'Client' radio button. Once on Search Client, you can select multiple Contacts from the search results to add as Known Contacts.

Source Details ↑ Hide Source Details

* Required field (for Add/Update only)

* **Mode of Transmission:**

Nature of Transmission: **Selected:**

Add >

Add All >>

< Remove

<< Remove All

Row Actions:

	Mode of Transmission	Nature of Transmission
<input type="radio"/>	Animal to person	Domestic pet
<input type="radio"/>	Vectorborne	Tick bite

Updates to Existing Screens

Prescriptions Screens

- ERs 852/853/854 – These were large enhancements put forward by BCY in release 2.5.9. Some of the major changes were renaming of the screens:
 - Prescriptions to Medications, and Rx to Tx
- Other meds table is now more consistent with the main medications table
- Some columns in the tables across the medications screen have been changed/added/moved. There is more consistency now.
- The history screen has had some updates as well.

▼ Medications

Medications Summary

Medications History

Other Meds ↑ Hide Other Meds

Row Actions:

Course Completed:

	Drug	Dosage / Frequency / Route	Duration	Tx Effective From / Valid To	Special Direction	Prescribed / Authorized By	Course Completed
<input type="checkbox"/>	Metronidazole	500 Mg / two times daily / Swallow, oral	14 Days	2020 Jan 9 / 2020 Jan 22	-	-	-
<input type="checkbox"/>	Azithromycin	1,000 Mg / weekly / Swallow, oral	2 Weeks	2020 Jan 9 / 2020 Jan 22	-	-	-

Updates to Existing Screens

Intervention Summary screen

- Interventions default sort changed from End Date to Start Date most recent at the top

Risk Factors Screen

- There is a ppt presentation specifically for the new Risk Factors screen. Here are some of the key new features:
 - Next Gen Interface, complete screen re-design
 - The same Risk Factor can have more than one response for different Investigations
 - Ability to set bulk risk factors pertinent to an investigation in-context
 - If you enter an effective to date, no effective from is required. Effective to date can be in the future.
 - Additional Info is only required if the response = 'yes'
 - End date reason is not mandatory if you enter an end date.

Key Defects Fixed

Key defects that have been resolved

- Search exposures:
 - Unknown contact search fields work
 - Disease list now has actual disease list and not indicative disease list
- Subject Summary
 - Screen should now remember when sections are collapsed/expanded
- Create Investigation
 - Classifications are now sorted alphabetically in the droplist