

MEMO

Date: May 17, 2021

To: All Public Health Managers and Directors
All PHIMS Communicable Disease Investigation (CDI) Users

From: Dr. Carol Kurbis, Medical Officer of Health, MHSAL
Kathy Koschik, Manager, Public Health Systems, Digital Health, Shared Health
Cornel Van Egmond, Project Manager, Digital Health, Shared Health

Re: **PHIMS Software Update - New & Updated functionality**

Effective June 5, 2021, the **Public Health Information Management System (PHIMS)** will be **updated to** include the following improvements and defect fixes for the following screens:

- Investigation Quick Entry
- Exposure Quick Entry
- Exposure Summary
- Maintain Transmission Event

Investigation Quick Entry (IQE) Screen – COVID-19

The Investigation Quick Entry screen for COVID-19 will be updated to include the following:

Improvements

IQE Section	Improvement
Risk Factors	Risk factors with expired responses can now be viewed on the IQE screen. A 'Show Expired Responses' checkbox has been added to the screen. The checkbox will be defaulted to "checked". It can be unchecked if you do not wish the expired responses to display.
Interventions	The Intervention End Date will now be available to record on the Investigation Quick Entry screen. The Next Follow Up Date field has been removed.
Disease Details	Primary Investigator Name will be available for selection when creating Investigations. Previously, users needed to navigate to the Resp Org/Investigator screen to add this after the investigation was created.

Resolved Defects

IQE Section	Defect	Resolution
Disease Details	Inactive workgroups are available for selection when creating investigations.	Inactive workgroups are no longer displayed for selection in the workgroup drop lists.
Disease Details	If the Primary Investigator for an Investigation has changed, the user is unable to save the Investigation Quick Entry screen and an error is displayed.	The logic checking for Primary Investigator has been updated. Users can now successfully save the Investigation Quick Entry page when the Primary Investigator has changed.

Interventions	The Disposition drop list was displaying incorrect values.	The Disposition drop list now filters correctly and displays the same values available on the Maintain Intervention screen.
Disease Details	Selecting Stage from the IQE screen results in the deletion of Epi Marker values (Outbreak Code, WGS Pattern, Further Differentiation) if they were previously entered on the Investigation.	The IQE screen has been fixed and selecting Stage from the IQE screen no longer results in Epi Marker data loss.

Risk Factors – Show Expired Responses checkbox available to view expired Risk Factor responses for the Investigation



The screenshot shows the 'Risk Factors' section of the application. A checkbox labeled 'Show Expired Responses' is highlighted with a red box. Below it is a 'Set Response' button and a table with columns for 'Preset', 'Risk Factor', 'Response', and 'Additional Information'.

Interventions – Intervention End Date is now on the Investigation Quick Entry screen



Performed	Type	Sub Type	Outcome	Disposition	Start Date	End Date
<input checked="" type="checkbox"/>	App	COVID Alert App - Exposure Notification	Completed	Completed	2021/04/01	2021/04/05
<input type="checkbox"/>	App	COVID Alert App - Positive Key Entry			yyyy/mm/dd	yyyy/mm/dd
<input type="checkbox"/>	Education/couns...	Education/couns... as per disease protocol			yyyy/mm/dd	yyyy/mm/dd
<input type="checkbox"/>	Isolation	Facility isolation			yyyy/mm/dd	yyyy/mm/dd
<input checked="" type="checkbox"/>	Isolation	Home isolation			2021/04/08	yyyy/mm/dd

Disease Details – Primary Investigator Name is now on the Investigation Quick Entry screen



The screenshot shows the 'Investigator Organization' dropdown set to 'Manitoba'. Below it, the 'Primary Investigator Name' dropdown is highlighted with a red box and set to 'Naomi Monaster/MB Health'. The 'Disposition' dropdown is set to 'Pending'.

Exposure Quick Entry (EQE) Screen

The Exposure Quick Entry screen will include the following improvements and fixes.

Improvements

EQE Section	Improvement
Unknown Contacts	Unknown Contacts can now be entered on the Exposure Quick Entry screen.

Contact Investigation Details	The Classification for the Contact Investigation being created can now be selected as opposed to being defaulted to Contact – Person Under Investigation.
Entire Exposure Quick Entry Screen	This screen can now be incrementally saved. Currently, when Save is clicked, the user is re-directed to the exposure summary screen. Now when Save is clicked, the user will remain on the Exposure Quick Entry screen. Not all fields can be updated after clicking Save , but the user will be able to add additional known and unknown contacts.

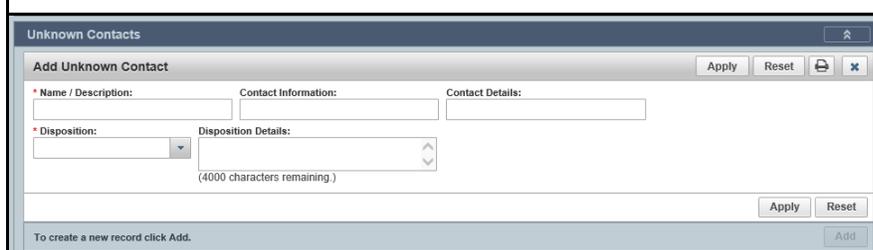
Resolved Defects

EQE Section	Defect	Resolution
New Known Contacts	When an existing acquisition event is selected to link to, if the exposure dates did not overlap there was no warning.	A warning will now be displayed when the user selects an existing acquisition event and the start and end dates do not overlap with the source case transmission event.
Entire Exposure Quick Entry Screen	No warning message when navigating away from the screen without saving.	If a user tries to navigate away from the Exposure Quick Entry screen prior to saving, a warning will be displayed.

Unknown Contacts - Add from the Exposure Quick Entry screen

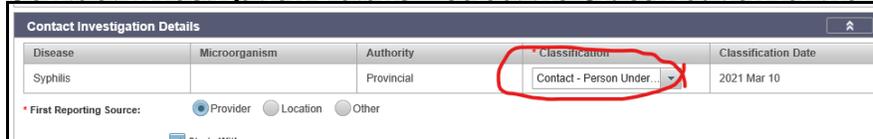


The screenshot shows the 'Unknown Contacts' window with a table containing one entry: 'Porcelain Mug' with contact information '555-5555' and disposition 'First Contact Attempted'. The 'Add' button in the top right corner is highlighted with a red box.



The second screenshot shows the 'Add Unknown Contact' form with fields for Name/Description, Contact Information, Contact Details, Disposition, and Disposition Details. The 'Add' button at the bottom right is also highlighted with a red box.

Contact Investigation Details – select the **Classification** for the Contact Investigations



The screenshot shows the 'Contact Investigation Details' form for Syphilis. The 'Classification' dropdown menu is highlighted with a red box and shows the selected option 'Contact - Person Under...'. The 'Classification Date' is 2021 Mar 10.

Exposure Summary Screen

The Exposure Quick Summary screen will include the following improvement:

- Users will be able to return to the Exposure Quick Entry screen for an existing transmission event to add additional known and unknown contacts.

Exposure Summary – add known and unknown contacts to an existing transmission event

Transmission Event Summary							
3 Transmission Events Found. 3 Contacts Found							
Row Actions: Copy Contact Quick Entry Exposure Quick Entry Multiple TE Entry Create Transmission Event							
TE ID	Transmission Start	Transmission End	Location Name	Setting Type	Outbreak ID	Invalid	
166	2021 Mar 1 00:00 PST						
165	2021 Mar 2 00:00 PST						

Maintain Transmission Event Screen

The **Maintain Transmission Event** screen will include the following improvement:

- When a known contact is added via the known contacts section of the Maintain Transmission Event screen, the acquisition event created will have *both the acquisition start and acquisition end dates*. This update will automatically be defaulted from the transmission event. Currently, the end date does not default.

Maintain Transmission Event – adding a known contact will now populate the acquisition end date

Acquisition Events							
Row Actions: Unlink							
Acquisition Event ID	Investigation ID	Subject Name	Acquisition Start	Acquisition End	Classification	Disposition	Invalid
151970	171590	Mayne, Bill	2021 Mar 1	2021 Mar 10 -	COVID-19 Contact - Person Under Investigation	Pending	-

Quick Reference Card (QRC) Updates

New Quick Reference Cards (QRC) have been developed for the updated screens. Some QRC's have also been updated to reflect different navigation or data entry. The table below lists these changes.

New QRCs	Determine Responsible Organization by Postal Code
Updated QRCs	COVID 19 QRC Active Monitoring Case Contact Enter An Unsuccessful Call Attempt Enter A Client With No Health Card Number IUC2 Unknown Contact With No Existing Investigations Case Investigation Quick Entry COVID-19 Contact Investigation Quick Entry

Need support?

If you have any questions after reviewing the resources, contact the Share Health Service Desk:	Email: servicedesk@sharedhealthmb.ca (please state "PHIMS" in the subject line of the email) Phone: (204) 940-8500 Toll-free: 1-866-999-9698
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For urgent matters contact the Service Desk by phone and speak with an agent to escalate your issue/request. Please consult with a peer supporter or trainer before logging any service requests.