

Overview of ClinicalConnect's Next Product Release (Version 5.0.4)

Date: May 31, 2019



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Funded by eHealth Ontario

Overview of Next Product Release

- Version 5.0.4 will feature an entirely new interface when using ClinicalConnect on mobile devices
 - New! Requires iOS 12+ when using Apple mobile devices
- Includes a variety of new features and functionality, as well as defect fixes
- This version will include completion of technical integration with Provincial Client Registry
- Targeted go-live date for v5.0.4 is **Saturday, June 15, 2019**, with portal downtime expected 8am-6pm that day

v5.0.4 New Features & Functionality

- **ClinicalConnect's Mobile Version:**
 - Brand new, simplified user interface
 - Icons represent each module to make navigating ClinicalConnect on mobile devices easier
 - Patient Header has been reworked to better use real estate
 - Images and PDFs can now be viewed on mobile devices
 - Ability to save user preferences on mobile devices, without impacting desktop preferences
- **Patient Visit Timeline:** allows user to “select” a visit to show results only from that visit
- **“Help” Function:** Video & PDF resources available when “?” (Help icon) is displayed in Census Lists and/or Modules’ toolbar
- **“Report Technical Issue” Form:** this online form will allow users to submit ticket to HITS Helpdesk directly from within ClinicalConnect (option to calling/emailing HITS Helpdesk)
- **Initial Login View:** new preference option to set the ‘Initial Login View’ to either Census or Advanced Search

v5.0.4 General Functionality Improvements

- **Grid Wrapping:** rows of text will wrap to support ease of use; reduce the need to scroll left/right
- **Modules with Tabs with Various Types of Data:** if no data exists, a “No Results” tab showing ‘No records found’ will display (i.e. in Primary Care and Home & Community Care modules)
- **Keyboard Shortcuts:** can use the “CTRL + Click” combination to support faster access to patient records, or bypass patient dashboard
- **Search Scope Removed:** functionality that was intended to help narrow search results associated with a physician’s CPSO number – removed as it was deemed ineffective
- **Refreshed Interface on Desktop Devices:** more white space, simplified look/feel to enhance usability

v5.0.4 Defect Fixes

- Defects that will be fixed with v5.0.4:
 - **Advanced Search:** clicking 'ENTER' will now initiate search
 - **Module List Views:**
 - Resolved issue where clicking item in List View sometimes didn't display associated details
 - Side-by-Side View will correctly display data according to user's Sort Order preferences
 - **Printing:** resolved issue where in some cases, blank PDFs would display when user attempts to print record, and where items count value in H&CC Module's Equipment & Services Tab, when printed, didn't match count on screen

v5.0.4 Defect Fixes

- Defects that will be fixed with v5.0.4:
 - **New Results:**
 - New Results indicators won't appear in Module listing if New Results indicators are turned off by the user in Preference Settings
 - Data in New Results Module will display correctly in side-by-side view
 - List of new results can now be printed
 - **Health Records Module:** will display data correctly in side-by-side view
 - **Labs Module:**
 - **Components View:** resolved issues with components being miscounted and duplicate components causing view not to show
 - **Expanded View:** resolved issue where test name wouldn't display when using Smart Filter on Components

Desktop Version: Refreshed User Interface

- User interface features more white space, simplified look and feel to enhance usability

Modules

- Dashboard: Patient
- Admissions
- eReferral
- Allergies
- Blood Bank
- Cardiology
- Home/Community Care
- Health Records
- Face Sheet
- Labs
- Microbiology
- New Results
- Orders
- Pathology/Genetics
- Pharmacy
- Primary Care
- Radiology
- Transcription
- Visits
- Resources
- Formulary
- Links
- Report Technical Issue
- DHQR Temporary Consent Form
- HRLMP Lab Test Guide
- RNAC BPGs
- System Notices
- Admin Modules

Patient Dashboard

GBIN has been temporarily disabled per HHS-3048.

Transcription Type to filter results... 201 of 201

Event Date	Transcribed Date	Name	Department	Dictated By	Status
27/02/2019	27/02/2019 11:58	Clinic Note	HEALTH RECORDS/TRANSCRIPTION	DEAS, SCOTT	Signed
22/02/2019	22/02/2019 13:44	Clinic Note	DECENTRALIZED TRANSCRIPTION	DEAS, SCOTT	Signed
22/02/2019	22/02/2019 14:02	Clinic Note	DECENTRALIZED TRANSCRIPTION	Zhang, Yujie Jackie	Draft
15/02/2019	15/02/2019 09:28	EEG	MEDICAL DIAGNOSTIC UNIT	DEAS, SCOTT	Signed
15/02/2019	15/02/2019 09:14	Discharge Summary	HEALTH RECORDS/TRANSCRIPTION	DEAS, SCOTT	Signed
15/02/2019	15/02/2019 09:09	Clinic Note	HEALTH RECORDS/TRANSCRIPTION	DEAS, SCOTT	Signed
23/11/2018	23/11/2018 13:24	Endoscopy Report	ENDOSCOPY	Europe, Dornalee	Signed

GBIN has been temporarily disabled per HHS-3048.

Microbiology Type to filter results... 84 of 84

Collected Date	Test Name	Specimen Source	Organ
Confidential	Confidential	Confidential	Confid
Confidential	Confidential	Confidential	Confid
05/03/2019 10:18	CULTURE-EYES/EARS	EAR LEFT	ACINE
28/02/2019 10:10	CULTURE-EYES/EARS	EAR LEFT	BACIL
27/02/2019 20:56	CULTURE-EYES/EARS	EYE LEFT	
08/02/2019 11:10	CULTURE-EYES/EARS	EAR LEFT	

GBIN has been temporarily disabled per HHS-3048.

Pathology/Genetics Type to filter results... 24 of 24

Received Date	Name	Source
11/09/2017 10:35	TOE	HHS
11/09/2017 10:35	Surgical Pathology	OLIS
20/04/2017 07:18	Surgical Pathology	OLIS
20/04/2017 07:18	Surgical - Generic	BRA
03/04/2017 11:40	Surgical Pathology	OLIS
03/04/2017 11:40	LIP	HHS
13/02/2017 11:19	Surgical Pathology	OLIS
12/02/2017 13:40	Surgical Pathology	OLIS

New Help Function available in module toolbar.

Click to launch videos or PDFs in separate window

New Results badges will not appear if disabled by the user.

Report a Technical Issue, web-based form to log technical issues from pt record or 'Resources'. Form will pre-populate with the user's information



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Patient Visits Timeline: New Interaction

- Selecting a visit from the timeline will present with a “Visit Change” alert and if ‘Applied’, will refresh the module view and only show results for the selected visit/encounter
- Select ‘Reset’ to re-load data to previous preference settings

The ‘Visit Change’ message alert can be suppressed by selecting the **“Never show this dialog in the future”**.

It can be re-activated again from the Global Preferences/**Patient** preference settings.

Patient Header: Timeline Visit Change Confirmation ☒ Disabled

The screenshot displays the ClinicalConnect interface for a patient named MARX, GROUCHO. The timeline shows several visits, and a table of encounters is visible. A 'Visit Change' dialog box is open, asking for confirmation to change the current visit and whether to suppress the dialog in the future. A 'Reset' button is located in the top right corner of the timeline area.

Reset timeline to previous preference settings

Reports display only for the selected encounter.

To view all reports, change Encounter Filter back to **“All Regional Encounters”**



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Rows Of Text Will Wrap

- Reduces horizontal scrolling to view additional data columns (e.g. Pharmacy Module)

MARX, GROUCHO MRN: 0000002403, Acct: GZ000022/18, HCN: 3986255713-ON

01/01/18 01/02/18 01/03/18 01/04/18 01/05/18 01/06/18 01/07/18 01/08/18 01/09/18 01/10/18 01/11/18 01/12/18

Only in-patient hospital pharmacy orders for the selected visits/encounters are listed in the Pharmacy module of ClinicalConnect, and may not represent a complete and accurate list of patients' medications. Always review medication order details including the start and stop dates thoroughly when using this module. Any of these medications may have been discontinued or on hold at discharge. Click the medication line item to view associated details if using data for prescribing purposes. The Pharmacy module in ClinicalConnect is currently not meant to act as an all-encompassing medication reconciliation tool. Multiple matches were returned from PCR, but only the first will be used. GBIN has been temporarily disabled per HHS-3048.

Hospital Medications Home Med Drugs Home Med Services

Pharmacy All Regional Encounters All 149 of 197 Timestamp: 13:22

Rx Number	Name	Dosage	Route	Sig	Schedule	IV Flow Rate	Start Date	Stop Date	Discontinued Date	Status
PH00006161	TPN BAG 1 ML TNA FILTER SET 1 DEVI ADD DEXTROSE 70%-WATER 360 mL ADD AMINO ACID 10% W ELECTROLYTES 720 mL ADD FAT EMULSIONS/OLIVE/SOYBEAN 120 mL ADD STERILE WATER FOR INJECTION 411 mL ADD CALCIUM GLUCONATE 10% 19.6 ML ADD Cotrimoxazole* (Septra, Novo-Trimel, Bactrim,) 1 COMBO REGULAR TABLET	360 mL	IV	1800	SCH	70 MLS/HR	06/02/2017 18:00		26/05/2017 11:09	DC
PH00006162		2	PO	BID	SCH		06/02/2017 22:00	13/02/2017 21:59	13/02/2017 21:59	DC

Wrapped text

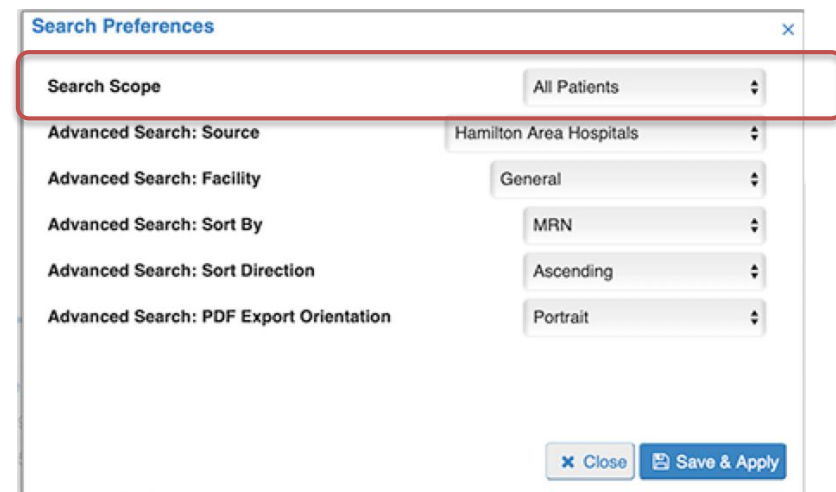
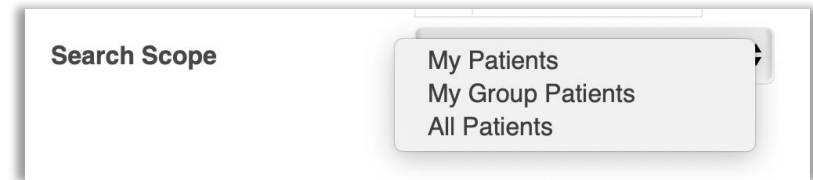
Modules with Information in Tabs

- In Primary Care and Home & Community Care modules, if no data exists, a “No Results” tab showing ‘No records found’

The screenshot displays the ClinicalConnect interface. The top header includes the ClinicalConnect logo, the text 'CONNECTING SOUTH WEST ONTARIO', and a 'Patient Search...' input field. On the left, a 'Modules' sidebar lists: Dashboard: Patient, Admissions, eReferral, Allergies, Blood Bank (with a '0' badge), and Cardiology (with a '0' badge). The main content area shows patient information for 'MARX, GROUCHO' with MRN: 0000002403, Acct: GZ000022/18, and HCN: 3986255713-ON. Below this is a timeline from 01/01/18 to 01/06/18 with colored dots indicating events. A red box highlights a 'No Results' tab with the text 'No records found'.

Search Scope: Removed

- Was used when performing Advanced Search or when viewing Census Lists
- Search Scope has been removed and the default Search Scope preference setting will now be set to “All Patients”.
 - This change enhances the patient search results



New Global Preference Default Option

- Can set the Initial Login View to either Census or Advanced Search
- Not applicable when user's access is Restricted Contextual Launch (RCL)

General (click to expand/collapse)

Language	Use browser locale	Initial Login View	<input checked="" type="radio"/> Census <input type="radio"/> Advanced Search Form
Patient List Menu Order	Patient Dashboard Admissions	Resources Menu Order	Formulary Links

ClinicalConnect on Mobile Devices



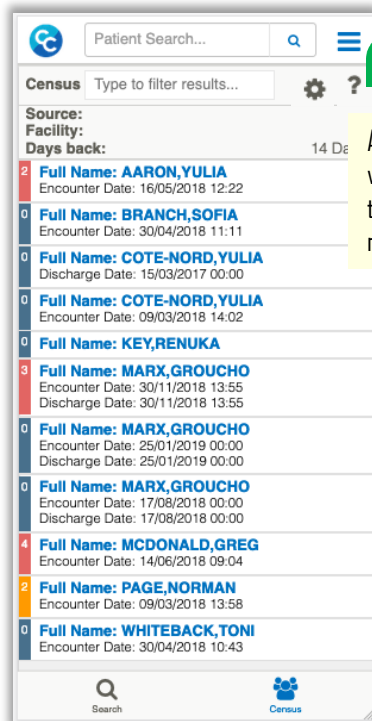
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Mobile: New User Interface

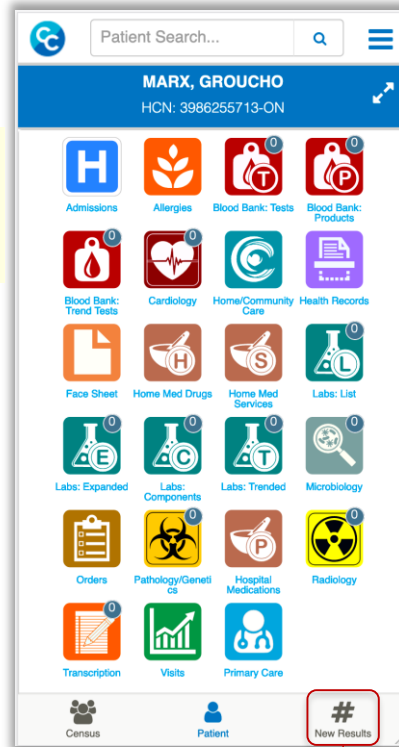
- Patient Record menu uses icons to represent modules, making navigating easier while reducing side-to-side scrolling

Census List, with New Result Indicators



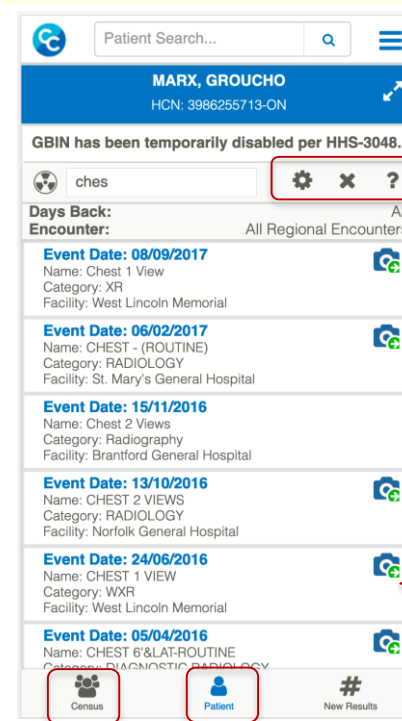
Access
video & PDF
training
resources

Patient Record

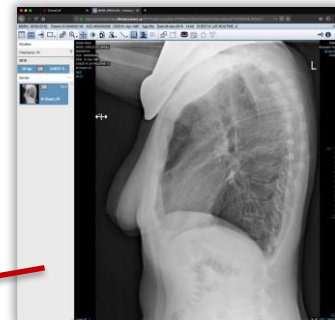


New Results
Module

Radiology Module – Images and Reports




Access Module
Preferences, Close to go
back or Help.



Back to
Census List

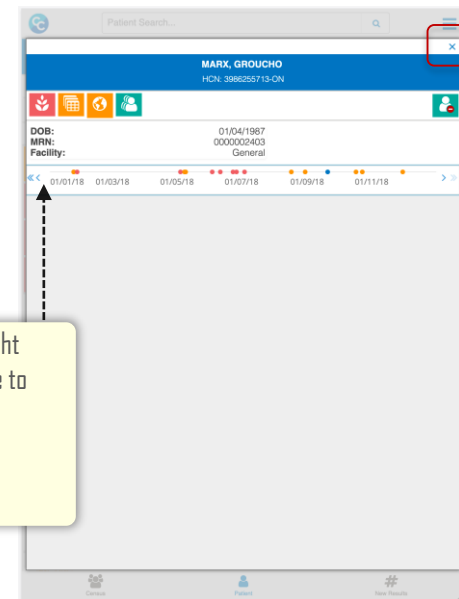
Back to Patient
Record

Mobile: Patient Header

- The Patient Header is collapsed in mobile instance, but can be expanded by tapping arrow icon 
- Additional patient info displays in Patient Header: Alerts, Patient Visits Timeline, additional encounter details and provides ability to add/remove patient from Worklist
- Certain alert icons can be selected, and will open the associated module or link



Click to expand



Click to Close

Swipe left and right along the timeline to view patient encounters.

Mobile: Navigating Labs Views

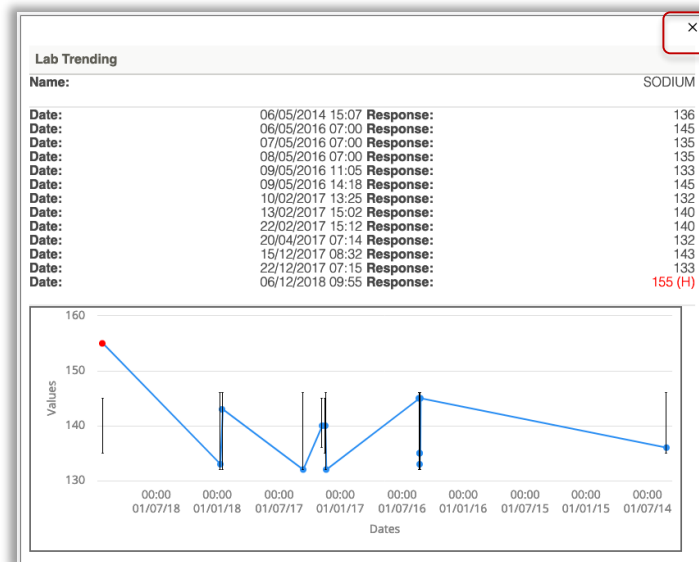
Labs – All four views will display in record and will be flagged with **New Result Indicators**



Labs: Trended



Lab Trending

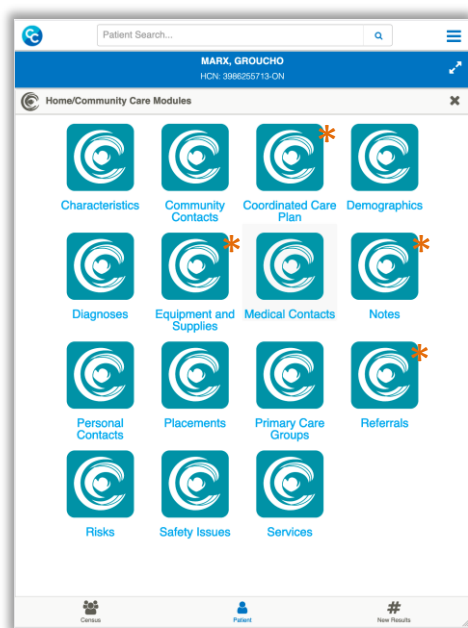


Close window to go back to previous screen

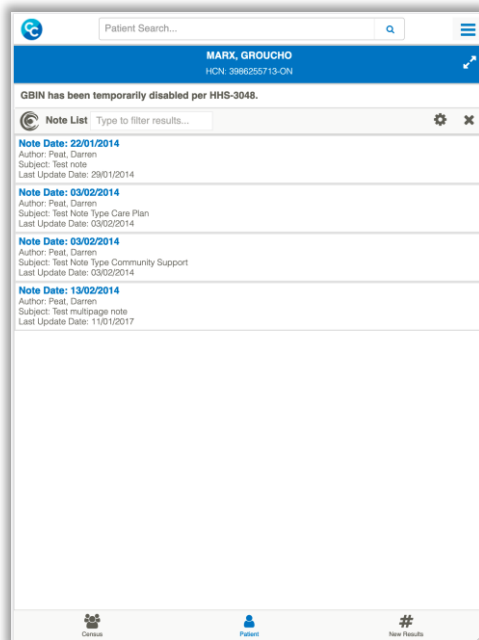
Mobile: Navigating HCC Module

- Home & Community Care data will appear in the mobile instance, displayed as shown below (icons representing each 'tab'); note it's possible some icons may not have data from CHRIS
- Depending on the icon selected, the List view will display associated data
- Certain tabs in the List View provide additional Details *

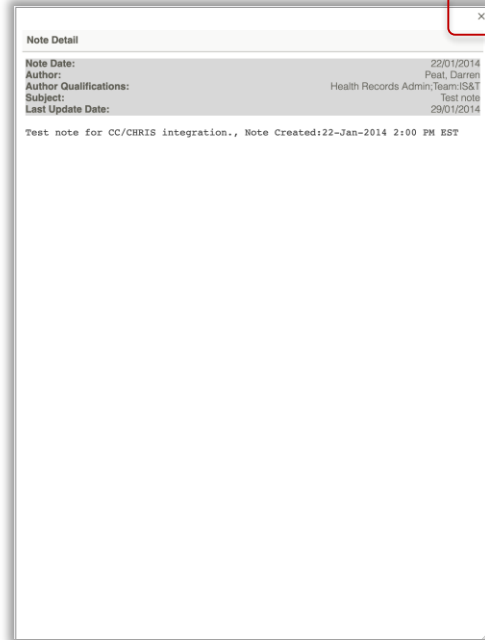
Home and Community Care Module



Notes – List View



Note – Details View



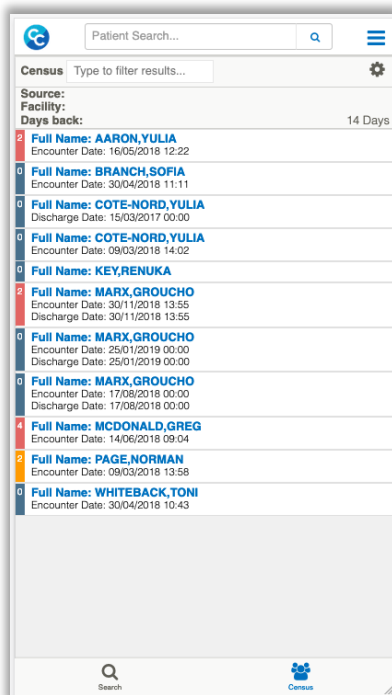
Close window to go back to previous screen

* Additional Detail View available

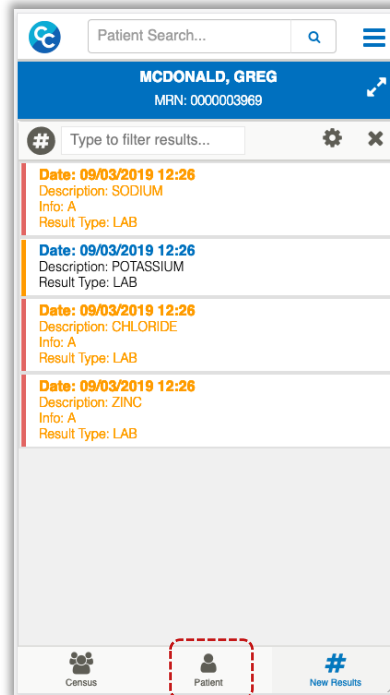
Mobile: New Results

- New Result indicators display in the Census lists, are overlaid on modules' icons, and in the module list views
- The New Results module combines all new results for the selected patient encounter into one view

New Results in Census Lists



New Results Module



New Result Indicators On Modules' Icons



Labs: List



Blood Bank: Tests



Cardiology

The **New Results** indicators (if enabled by user) display in the module listing, as colour-coded indicators as shown above

- Red – New abnormal results available
- Yellow – New results available
- Blue – No new results available

Mobile: Customizing Preferences

- Preferences set up in desktop instance are also applied when using ClinicalConnect on mobile devices
- Preferences can be changed in the mobile instance, for the single session, or for both the mobile and desktop instances

Census List Preferences

Census

66 Results - Timestamp: 17:08

Refresh

Group Impatient Census

Census List

Physician Census

Station

Worklist

Hamilton Area Hospitals

Facility

All

List: PDF Export Orientation

Portrait

Days back

14 Days

Sort By

Encounter Date

Sort Direction

Descending

Close Save & Apply Apply

Lab Components Module Preferences

Labs: List

451 Results - Timestamp: 17:32

Refresh

Default View

Components List

List: Encounter

All Regional Encounters

List: Days Back

All

List: Sort By

Collected Date

List: Sort Direction

Descending

List: PDF Export Orientation

Portrait

Detail: PDF Export Orientation

Portrait

Close Save & Apply Apply

Close - to return to previous window without saving.

Save & Apply - will save preferences for **both mobile and desktop** use.

Apply - will temporarily save your preferences on mobile for this session only.

Training Resources

- On June 15 onwards, visit the ClinicalConnect Resource Centre:
<https://info.clinicalconnect.ca/CC/healthcare/resource-centre-main>
 - Refreshed resources will explain new features and functionality
 - Use new **HELP** icon within ClinicalConnect itself

Job Aids and Reference Guides



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[ClinicalConnect on Mobile Devices](#) - This page provides resources for users who are accessing ClinicalConnect on mobile devices.



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