

# eCTAS Clinical Algorithm Validation Tool

---

Training Team



**Ontario  
Health**

# Session Logistics

---



**Integration:** Certification

**Intended Audience:** Facility resources who are responsible for Clinical Algorithm Testing



**This session is being recorded**



Press  to mute. Press  to unmute.

# Agenda

---

- Learning Objectives
  1. Overview of the Clinical Algorithm Validation Tool
  2. Access
  3. Navigation
- Resources

# Feedback & Thank You

---

- Once testing is completed, we will reach out to you
- Your feedback will inform us on how to improve and support this new tool



# Overview

---

- Testing Requirements
- Process
- Dependencies

# Testing Requirements

## Phase 1

### Conformance Testing

- Ensures that information can be retrieved from the built-in CTAS Brain and that CTAS scores can be calculated by the built-in brain

## Phase 2

### Clinical Algorithm (CA) Validation

- Ensures hospital systems can meet the clinical requirements through the execution of use cases that simulate real world patient scenarios

## Phase 3

### User Interface (UI) Validation

- Certification hospitals must meet the eCTAS User Interface Requirements
- Live demonstration of your system's functionality, in which provided clinical scenarios are executed

# Process

---



**Note:** The OH Specialist will guide you with recommended timelines for weeks 1-4.



**Important:** Before this process can begin, there are dependencies required prior to testing.

# Dependencies:

---

- Facility Resources required to view the status of their Clinical Algorithm Testing Results must:
  - ✓ Have a ONE® ID account
  - ✓ Be enrolled into eCTAS service
  - ✓ Assigned the role of Site Integration Tester in eCTAS



**Important:** Ensure that access/registration activities are done in advance of testing phase of project to prevent any delays. Some of these dependencies could take up to 2 weeks to complete.

# End of Section

---


- ✓ Overview
- ✓ Process
- ✓ Dependencies

# Access

---

- eCTAS Environments
- Site Integration Tester Role
- Setting Up Users

# eCTAS Environments

Environments	Application	URL	Purpose
Conformance (TRAINING & TESTING)	Administration Console 	<a href="https://confectas-admin.ccohealth.ca/">https://confectas-admin.ccohealth.ca/</a>	<ul style="list-style-type: none"><li>• Used for Conformance Testing and <b>Clinical Algorithm Validation</b> using <b>fake</b> patient data only</li><li>• Used to train Resources on how to use features using <b>fake</b> patient data only</li><li>• Should <b>never</b> contain real patient data</li></ul>



**Note:** This table and the eCTAS Environment URL can be found in the [Online Help](#)

# Site Integration Tester Role

Features Associated with this User Role:	Resources Who May Require this User Role:	Applicable Integration(s):
<p><b>Administration Console:</b></p> <p><b>Test Result Report</b></p> <ul style="list-style-type: none"><li>• Enables testers at Certification hospitals to view the status of their Clinical Algorithm Testing Results</li><li>• The Test Result Report tool is only available in the Conformance environment</li></ul>	<ul style="list-style-type: none"><li>• Resources responsible for testing</li></ul>	<ul style="list-style-type: none"><li>• Certification (Conformance only)</li></ul>

# Set Up End Users: Net New

## ONE® ID LRA

- Contact the facility ONE® ID LRA(s) to request ONE® ID account creation and/or enrollment to the eCTAS service

## End User

- Complete ONE® ID related activities (if applicable)
- Visit the URL(s) of the applicable eCTAS environment(s)
- Acknowledge the eCTAS End User License Agreement (EULA)

## eCTAS FRA

- Access to requested environment(s) is **pending** approval
- eCTAS FRA(s) will assign site(s) and role of **Site Integration Tester**

# Set Up End Users: Existing User

End User

- Contact your facility eCTAS FRA(s) to assign site(s) and role of **Site Integration Tester**

eCTAS FRA

- Provide access to requested environment(s) and assign site(s) and role of **Site Integration Tester**

# Assigning Role: Site Integration Tester

**i** user1, Ectas IMDA Training Team

Select Site Select Site + ▾

Select Role Select Roles + ▾

**Selected Sites**

IMDA Training Team Site 1 ✖

**Selected Roles**

Site Integration Administrator

- TriageNurse
- Registration Clerk
- Site Integration Administrator
- Hospital Data Viewer
- Facility Role Administrator
- Site API Tester



**Note:** Information about updating eCTAS user's sites and roles can be found on the [Online Help](#)

# End of Section

---

- ✓ eCTAS Environments
- ✓ Site Integration Tester Role
- ✓ Setting Up Users

# Navigation



# Accessing Test Result Report

DEMO

Log into the  
Administration  
Console in  
Conformance

- Conformance (Training & Testing)  
<https://confectas-admin.ccohealth.ca>



Enter your ONE® ID  
Login ID and  
Password

If prompted, select a  
site

Select Test Result  
Report



**Note:** Google Chrome is the supported internet browser for eCTAS.

# Test Result Report Tool

Filter your results using the 'Test Number' and 'Test Result'

Filter the results by searching by 'Test Number'

'Test Result' type:

## FAIL




- List of all scripts that have their results set to 'fail'

## INCOMPLETE



- List of scripts that have not been attempted

## PASS

- List of all test results are considered complete and do not require any further intervention

eCTAS CONFORMANCE Administration Console Krush, Stephanie @ Cambridge Memorial Hospital    Sign Out

Test Result Report - Cambridge Memorial Hospital

Test Number:  Test Date Starting:   Approval Status:    
Test Result:  Test Date Ending:   Test Attempts:

Show 25

Test Number	Test Result	Test Date	Approval Status	Site Comment	Ontario Health Comment
1	Pass	8 May 2024 10:42	Auto-Approved		
2	Pass	8 May 2024 10:44	Auto-Approved		
3	Pass	8 May 2024 10:46	Auto-Approved		
4	Pass	8 May 2024 10:48	Auto-Approved		

# Test Result Report Tool

Filter by 'Date Starting' and 'Date Ending'

eCTAS CONFORMANCE Administration Console

Krush, Stephanie @ Cambridge Memorial Hospital

Test Result Report - Cambridge Memorial Hospital

Test Number:

Test Result:

Test Date Starting:

Test Date Ending:

Show 25 entries

↑↓	Test Number	Test Result	Test Date	Appr
+	1	Pass	8 May 2024 10:42	Auto
+	2	Pass	8 May 2024 10:44	Auto
+	3	Pass	8 May 2024 10:46	Auto
+	4	Pass	8 May 2024 10:48	Auto
+	5	Pass	8 May 2024 10:49	Auto

Search:

Ontario Health Comment

Filter the results by date by selecting a start and/or end date

# Test Result Report Tool

Filter the results by selecting 'Approval Status' type

## SHOW ALL

- Shows all approval status types

## APPROVED

- Test results that have been manually approved by the Ontario Health Specialist

## APPROVED WITH EXEMPTION

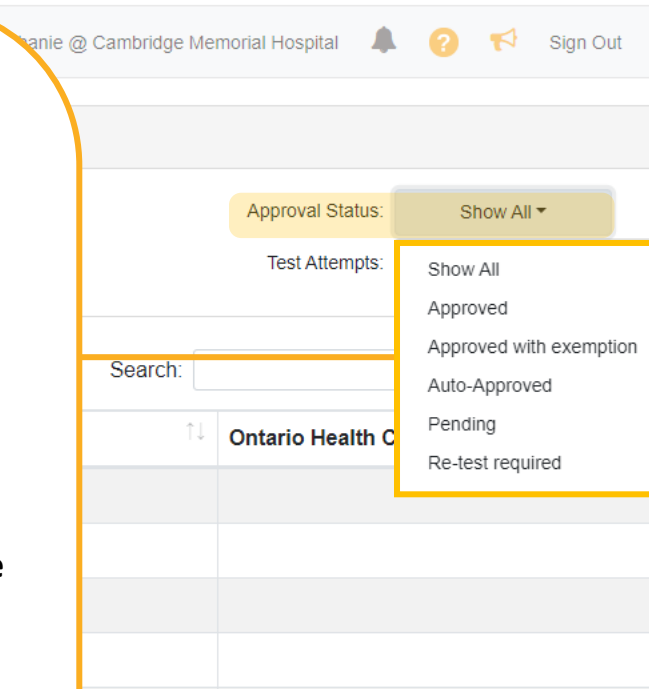
- An exemption that has been approved by Sector Support

## AUTO-APPROVED

- Test results that have been passed by the test result report tool, this auto approval is possible when the test result meets all of the criteria to pass the script and does not require intervention or manual review by the Ontario Health Specialist

## PENDING

- Test results that have been submitted to OH for validation and is awaiting an approval status to be assigned against their submitted results. When the test does not meet the expectations, the approval status is set to '**RE-TEST REQUIRED**' to signify to the testing user that they must re-execute the test until a PASS status is achieved



# Test Result Report Tool

Filter the results by selecting 'Test Attempt' type

The screenshot displays the 'eCTAS CONFORMANCE Administration Console' for 'Cambridge Memorial Hospital'. The page title is 'Test Result Report - Cambridge Memorial Hospital'. There are search filters for 'Test Number', 'Test Date Starting', 'Test Date Ending', and 'Test Result' (with a 'Show All' dropdown). Below the filters, it shows 'Show 25 entries'. A table of test results is visible, with columns for Test Number, Test Result, Test Date, and Approval. The table contains two entries, both with a 'Pass' result and 'Auto-App' approval, dated '8 May 2024'. On the right side, there are filters for 'Approval Status' (set to 'Show All') and 'Test Attempts' (set to 'Latest Test Attempts'). A dropdown menu for 'Test Attempts' is open, showing options for 'Latest Test Attempts' and 'All Test Attempts'. A yellow callout box highlights the 'Test Attempts' dropdown and its options.

**LATEST TEST ATTEMPTS**

- Shows the most recent results for each test case

**ALL TEST ATTEMPTS**

- Represents a list of all test results from each submission to the tool

↑↓	Test Number	↑↓	Test Result	↑↓	Test Date	↑↓	Approval
+	1		Pass		8 May 2024 10:42		Auto-App
+	2		Pass		8 May 2024 10:44		Auto-App

# Test Result Report Tool



Click on the green plus sign to view additional details

## Test Result Report - Cambridge Memorial Hospital

Test Number:  Test Date Starting:   Approval Status:    
Test Result:  Test Date Ending:   Test Attempts:

Show  entries

Search:

	Test Number	Test Result	Test Date	Approval Status	Site Comment	Ontario Health Comment
	8	Fail	8 May 2024 10:52	Pending		incorrect vitals
	8					

Showing 1 to 2 of 2 entries (filtered from 516 total entries)

Showing 1 to 6 of 6 entries




Field	Status	Submitted Result	Expected Result
CEDIS	Pass	Earache	Earache
Cohort	Pass	A	A
Temp	Pass	38.1	38.1
Pulse Rate	Fail		91
Modifiers	Fail	Fever (Appears Well), 1 SIRS Criterion (Fever)	Fever (Looks Unwell), < 3 SIRS Criteria   Pulse Rate / Pressure Abnormal (Hemodynamically Stable)
Submitted CTAS	Fail	4	3

Showing 1 to 2 of 2 entries (filtered from 516 total entries)



**1**

# Test Result Report Tool







Filter number of results to 10, 25, 50 or 100 entries

eCTAS CONFORMANCE Administration Console Krush, Stephanie @ Cambridge Memorial Hospital    Sign Out

Test Result Report - Cambridge Memorial Hospital





Test Number:  Test Date Starting:   Approval Status:    
Test Result:  Test Date Ending:   Test Attempts:

Show  entries



	Test Number	Test Result	Test Date	Approval Status	Site Comment	Ontario Health Comment
		Pass	8 May 2024 10:35	Auto-Approved		
	1	Pass	8 May 2024 10:42	Auto-Approved		
	2	Pass	8 May 2024 10:44	Auto-Approved		
	3	Pass	8 May 2024 10:46	Auto-Approved		
	4	Pass	8 May 2024 10:48	Auto-Approved		
	5	Pass	8 May 2024 10:49	Auto-Approved		


# Test Result Report Tool









Use search function to find specific comments

eCTAS  CONFORMANCE Administration Console Krush, Stephanie @ Cambridge Memorial Hospital    Sign Out

Test Result Report - Cambridge Memorial Hospital

Test Number:  Test Date Starting:   Approval Status:    
Test Result:  Test Date Ending:   Test Attempts:

Show  entries Search:  

	 Test Number	 Test Result	 Test Date	 Approval Status	 Site Comment	 Ontario Health Comment
	20	Fail	8 May 2024 14:40	Pending		missing override

Showing 1 to 1 of 1 entries (filtered from 516 total entries)

# Test Result Report Tool

User can 'Download Results' into an excel document, this extract will provide evidence of their test results for facility use and/or project documentation

The screenshot displays the eCTAS Administration Console interface. At the top, the user is logged in as Krush, Stephanie @ Cambridge Memorial Hospital. The main section is titled 'Test Result Report - Cambridge Memorial Hospital' and contains several filters: 'Test Number' (input field), 'Test Date Starting' and 'Test Date Ending' (calendar pickers), 'Approval Status' (button labeled 'Show A...'), and 'Test Attempts' (dropdown menu labeled 'All Test Atter...'). Below the filters, there is a 'Show 25 entries' dropdown and a search bar. A table of test results is displayed with columns for Test Number, Test Result, Test Date, Approval Status, Site Comment, and Ontario Health Comment. The table contains three rows of data, all with a 'Pass' result and 'Auto-Approved' status. A 'Download Results' button is highlighted with a yellow box, and a yellow arrow points from it to a Windows Downloads folder in the top right corner. The Downloads folder contains a file named 'Test Result Report - Cambridge Memorial Hospital (1).csv' with an 'Open file' link.

↑↓	Test Number	Test Result	Test Date	Approval Status	Site Comment	Ontario Health Comment
+	1	Pass	8 May 2024 10:35	Auto-Approved		
+	1	Pass	8 May 2024 10:42	Auto-Approved		
+	2	Pass	8 May 2024 10:44	Auto-Approved		



**Important:** The download results are impacted by any selected filters.

# Test Result Report Tool

Test Result Report Tool includes two columns for comments, one for the Site and one for Ontario Health

	↑↓ Test Number ↑↓	Test Result ↑↓	Test Date ↑↓	Approval Status ↑↓	Site Comment ↑↓	Ontario Health Comment ↑↓
+	10	Fail	22 May 2024 13:44	Pending	<input type="text"/>	
+	11	Fail	22 May 2024 15:33	Pending		

- When the site submits their test results, they may wish to provide context or comments against the test result
- To document a comment the user would click in that field, write their comment and click the grey right arrow
- This will save the note and make visible to Ontario Health resources

# End of Section

---

- ✓ Test Result Report Tool Navigation


# Resources



# eCTAS Online Help

DEMO

Access by:

- Clicking on the question mark icon  from within eCTAS, or
- URL: <https://help.accesstocare.on.ca/helpfiles/eCTASOnlineHelp/>

eCTAS  CONFORMANCE Administration Console

Krush, Stephanie @ IMDA Training Team Site



Sign Out

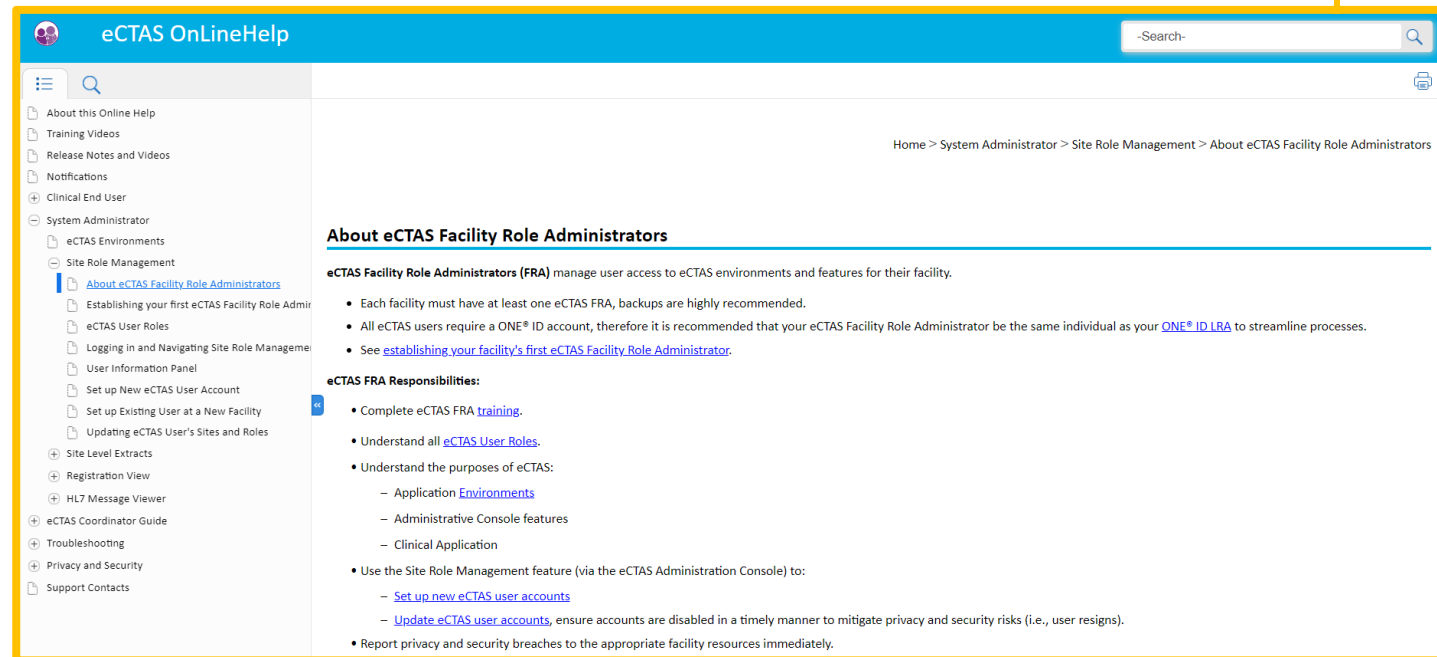
[eCTAS Registration View](#)

[HL7 Message Viewer](#)

[Site Role Management](#)

[Site Level Extracts](#)

[Test Result Report](#)



The screenshot shows the eCTAS OnLineHelp interface. The top navigation bar includes the eCTAS logo, the user name 'Krush, Stephanie @ IMDA Training Team Site', a notification bell, a question mark icon (highlighted with a yellow box), and a 'Sign Out' button. The main content area is titled 'eCTAS OnLineHelp' and features a search bar. The left sidebar contains a navigation menu with categories like 'About this Online Help', 'Training Videos', 'Release Notes and Videos', 'Notifications', 'Clinical End User', 'System Administrator', 'eCTAS Environments', 'Site Role Management', 'Site Level Extracts', 'Registration View', 'HL7 Message Viewer', 'eCTAS Coordinator Guide', 'Troubleshooting', 'Privacy and Security', and 'Support Contacts'. The 'Site Role Management' category is expanded, showing sub-items like 'About eCTAS Facility Role Administrators', 'Establishing your first eCTAS Facility Role Administrator', 'eCTAS User Roles', 'Logging in and Navigating Site Role Management', 'User Information Panel', 'Set up New eCTAS User Account', 'Set up Existing User at a New Facility', and 'Updating eCTAS User's Sites and Roles'. The 'About eCTAS Facility Role Administrators' article is displayed in the main content area, with a breadcrumb trail: 'Home > System Administrator > Site Role Management > About eCTAS Facility Role Administrators'. The article title is 'About eCTAS Facility Role Administrators'. The content includes a definition of eCTAS Facility Role Administrators (FRA) and lists responsibilities such as completing FRA training, understanding user roles, and managing user accounts.

## About eCTAS Facility Role Administrators

eCTAS Facility Role Administrators (FRA) manage user access to eCTAS environments and features for their facility.

- Each facility must have at least one eCTAS FRA, backups are highly recommended.
- All eCTAS users require a ONE® ID account, therefore it is recommended that your eCTAS Facility Role Administrator be the same individual as your [ONE® ID LRA](#) to streamline processes.
- See [establishing your facility's first eCTAS Facility Role Administrator](#).

**eCTAS FRA Responsibilities:**

- Complete eCTAS FRA [training](#).
- Understand all [eCTAS User Roles](#).
- Understand the purposes of eCTAS:
  - Application [Environments](#)
  - Administrative Console features
  - Clinical Application
- Use the Site Role Management feature (via the eCTAS Administration Console) to:
  - [Set up new eCTAS user accounts](#)
  - [Update eCTAS user accounts](#), ensure accounts are disabled in a timely manner to mitigate privacy and security risks (i.e., user resigns).
- Report privacy and security breaches to the appropriate facility resources immediately.

# Questions?

---



**We are happy to answer your questions**



Thank you