

# MADiE User Group

*June User Group*

*Hosted by ICF/SemanticBits*

*June 12<sup>th</sup>, 2025*



*MADiE is owned and operated under contract with CMS*

*Contracting Officer Representative (COR): Emmanuel Kalluri*

# Disclaimer

This meeting is being recorded to ensure notes and action items are captured accurately.

Attendees who have objections to the meeting being recorded are asked to let the facilitator know at this time

# Agenda and Objectives

## Agenda

1. MADiE Updates
2. Help Desk Ticket Submission Information
3. User Experience/Design Discussions
4. Community Questions & Discussions
5. Review of Resources

## Objectives

- Inform MADiE users of current and planned activities
- Create a forum to gather community feedback on future enhancements
- Foster collaboration through open community discussion

# 60 Day Account Deactivation

## Keeping your MADiE Account Active:

- In accordance with CMS and HHS security requirements, MADiE has implemented an account deactivation policy for all users who have not logged in within the previous 60 days or more.
- Users will receive warning messages after 30 days of inactivity.
- After 60 days of inactivity, accounts will be deactivated.
- To access a deactivated MADiE account again, users will need to request the MADiE role in HARP.
  - **Do NOT** respond to the deactivation email.

\*Keep your MADiE account active to continue to receive important email communications!

# MADiE

MADiE 2.2.5

# MADiE: Current State

## MADiE – 2.2.5 6/10/2025

- The timestamp has been added to the Last Saved column on the test case list screen.
- MADiE will now notify users when a measure export fails because there is a mismatch between the SDE definitions in the CQL and the SDE on the Population Criteria tab. ([MADIE-2195](#), [MADIE-2223](#))
- **QI-Core Measures:**
  - The Case # for every test case is now included in the test case export package README.txt file.
  - The test case export file will include a list of invalid test cases not included in the export at the bottom of the README.txt file. ([MADIE-2212](#))
  - MADiE now prevents a user from creating a draft off a QI-Core 4.1.1 library if a QI-Core 6.0.0 library (either a draft or version) has already been created for that library.
- MADiE has been updated to use CQL-ELM Translator 3.25.0. More information can be found [here](#). ([MADIE-2215](#), [MADIE-2216](#), [MADIE-2217](#))
- Resolved Known Issues:
  - **QI-Core Measures:** The human readable file for QI-Core measures are displaying the entire Measure Logic Data Requirements and Measure Logic Definitions sections twice. ([MADIE-2204](#))

# MADiE – Known Issues (1 of 3)

The Known Issues List is posted and maintained on the [Training and Resources](#) tab on the public website and the Summary page of the [MADiE ONC Jira Issue Tracker](#).

## MADiE Known Issues as of 6/12/2025:

- Users will automatically be logged out of MADiE after 30 minutes of inactivity. If the user has more than one active session of MADiE in any combination (in different tabs in the same browser or in different browsers) and one of the sessions reaches 30 minutes of inactivity the session will expire, and the user will be logged out of all sessions. If the user is logged out prior to saving changes, any unsaved changes will not be retained when the user logs into MADiE again.
  - **Workaround:** Users can keep all sessions active by clicking on the screen for each session periodically. Clicking on each active session prior to reaching 30 minutes of inactivity will prevent the sessions from expiring and prevent the user from being logged out of all sessions. [MADIE-1554](#) [MADIE-1623](#)

# MADiE – Known Issues (2 of 3)

## MADiE Known Issues as of 6/12/2025:

- When importing QI-Core test cases from MADiE into a measure with Stratifications, the test cases will appear as if the measure does not have stratifications. This occurs even if the measure the test cases were exported from had stratifications.
  - **Workaround:** Navigate to the population criteria tab, modify any stratification, click save. Then navigate back to the test cases and stratification should now be present.
- **QDM Measures:** QRDA export will fail if a measure includes one or more test cases that have the Payer data element added, but no code selected for the data element.
  - **Workaround:** Update the impacted test cases to either add a code to the Payer data element or remove the Payer data element. [MADIE-2043](#)
- **QDM Measures:** Unexpected results are received for test cases that included a quantity prior to the update released with MADiE 2.0.7 on 10/13/2024.
  - **Workaround:** Users will need to update impacted test cases to edit the quantity and save the test case again. This will apply the update released with MADiE 2.0.7 to be applied to that test case. [MADIE-2056](#)



# MADiE – Known Issues (3 of 3)

## MADiE Known Issues as of 6/12/2025:

- **QDM Measures:** For Ratio and Continuous Variable measures, in test cases imported from Bonnie with observations, users may receive an error message and be prevented from editing the impacted test cases.
  - **Workaround:** Remove the observation expected value by zeroing out the relevant population (Numerator, Denominator or Measure Population), and then re-enter the expected values. If a test case has multiple observations, each will need to be updated accordingly. [MADIE-2090](#)

# QI-Core v6.0.0 CQL Libraries

## Global Shared Libraries in MADiE:

Commonly used QI-Core v6.0.0 libraries have been entered into MADiE.

QI-Core v6.0.0 Name in MADiE	Version in MADiE
CQMCommon	4.1.000
FHIRHelpers	4.4.000
QICoreCommon	4.0.000
CumulativeMedicationDuration	6.0.000
SupplementalDataElements	5.1.000

# QI-Core v4.1.1 CQL Libraries

## Global Shared Libraries in MADiE:

Commonly used QI-Core v4.1.1 libraries have been entered into MADiE.

QI-Core v4.1.1 Name in MADiE	Version in MADiE
CQMCommon	2.2.000
FHIRCommon	4.3.000
FHIRHelpers	4.4.000
QICoreCommon	2.1.000
CumulativeMedicationDuration	4.1.000
SupplementalDataElements	3.5.000

# QDM CQL v5.6 Libraries

## Global Shared Libraries in MADiE:

Commonly used QDM libraries have been entered into MADiE.

QDM 5.6 Name in MADiE	Version in MADiE
CQMCommonQDM	9.0.000
CumulativeMedicationDurationQDM	3.0.000

# Versioning Measures in MADiE

**QI-Core Measures:** When versioning MADiE measures, please double check you have selected the appropriate version (Major, Minor or Patch). A pop up will appear where a user can select Major, Minor, or Patch version. The pop up will also display the current version number, the future version number after versioning is complete, and a text area for the user to confirm the new version number. Users will need to type in the version number, and it will need to match what the tool will be updating the version number to in order to proceed.

To better understand what part of the measure version is updated when versioning a measure, see the values below. X is the value that will be incremented. P is the value that remains the same after versioning. 0 is the value that will be cleared out and set to 0 after versioning.

Major X.0.000

Minor P.X.000

Patch P.P.XXX

If you version your measure using the wrong version type (Major, Minor, or Patch), the MADiE Help Desk Team can help. Complete the MADiE Revert Measure Version Request Form v1.0 available on the [Training and Resources](#) tab on the public website and submit the form via email to [semanticbits-madie-help@icf.com](mailto:semanticbits-madie-help@icf.com)

**Create Version** \* Indicates required field

\* **Version Type** Current Version #  
Patch 0.0.000

New Version # \* Confirm New Version # ?  
0.0.001 Confirm New Version Number

Cancel Continue

# CMS Web Application Firewall Errors

## CMS Web Application Firewall (WAF) Issues

- CMS WAF errors are received when an attempted action (i.e. saving or exporting) is rejected by the CMS security policy, blocking further action by the user
- This can happen when working in a measure or test case that previously did not receive a CMS WAF error, or when making a change to the measure or test case

**When an action is blocked, please include the following information in your ONC JIRA ticket.**

- Measure Name/ID
- Test case Name (if applicable)
- Action that resulted in unexpected error messages or an inability to save changes (include specific verbiage/CQL/JSON that was unable to save)
- Providing the error message assists the team in confirming the cause of the issue
- When error messages include a 'Support ID' include that ID number in your ticket so that can be provided to CMS to unblock the attempted action

## Examples of CMS WAF error messages:

- The Measure Authoring Tool was unable to process the request. Please try again. If the problem persists, please contact the Help Desk.
- System error. Unable to process information
- 403 Forbidden The requested URL was rejected by CMS security policy. If you believe this is in error, please contact the HIDS Security Operations Center [QNET\\_soc@cms.hhs.gov](mailto:QNET_soc@cms.hhs.gov) and reference your Support ID: 2586968644408754759

# Help Desk Ticket Submission Process (1 of 3)

The **MADiE Ticket Submission Guidance** document on the [Training and Resources](#) tab on the public website provides guidance to measure developers needing assistance with measures or test cases. **This document should be reviewed prior to creating a ticket to verify if the ticket should be submitted to the MADiEIT or to the CQLIT.**

This document includes the following:

- Steps to take prior to submitting a Help Desk ticket
- When to submit a ticket to MADiE Issue Tracker (MADiEIT) and when to submit a ticket to CQL Issue Tracker (CQLIT)
- A list of artifacts to include if a ticket is being created with either CQLIT or MADiEIT for assistance with measure CQL or test case JSON

Reference the [MADiE Help Desk Process Diagram](#)

# Help Desk Ticket Submission Process (2 of 3)

## Steps to take prior to submitting a ticket:

1. **Search for an Issue:** Have a question or experiencing an issue? Search by keyword or project, see if others have submitted the same question or reported the same issue, and review the responses.
2. **If a ticket needs to be submitted, identify the appropriate Issue Tracker – CQLIT or MADiEIT**
  - Submitting tickets to the incorrect IT will increase the response time as two teams will need to review the ticket. This will delay possible resolution for the submitter.
3. **Identify the Ticket Type to be used**
  - Choices are – Bug/Issue, Delete Library, Enhancement Request, MADiE Access Question, Question, User Group Question/Topic, or User Research Feedback
  - The responses that are auto-generated when a ticket is created is determined by the ticket type and include additional information that may be needed for the ticket to be processed.
  - For example, the auto-response, required information, and format for that information for an Enhancement Request ticket is driven by the “Are you part of a CMS Contract” field. CMS Contractors must attach a completed Enhancement Request Form while other submitters are directed to answer several questions in the description or as a comment.



# Help Desk Ticket Submission Process (3 of 3)

## Steps to take prior to submitting a ticket (continued):

### 4. Include all required information based on the type of ticket you are creating

- Populate all applicable available fields when creating the ticket. These fields can be updated after the ticket is created by selecting “Edit” if additional information needs to be added.
- The required fields are specific to the Issue Tracker the ticket is submitted to. For example, the measure name and URL is required for the MADiEIT but is not available for the CQLIT. When tickets are moved only the data in fields available by the IT the ticket is moved to will be retained, and different data may be needed that wasn't originally entered.

### 5. Attach required artifacts and supporting documentation

- Tickets created with required information and supporting documentation missing will be sent back to the submitter with a comment listing the missing information and supporting documentation. Populating all applicable fields while creating the ticket will assist the MADiE team when processing this ticket.
- **IMPORTANT NOTE:** Until all required information and supporting documentation are included, the ticket cannot be processed. Including this information at the time of ticket creation will expedite the time from ticket creation to when the team may begin processing the ticket. **Specifically: Attach the measure package and test case export, include measure, library and/or test case URLs, and include the Enhancement Request Form when applicable for the ticket you are submitting.**

# Tickets to be Submitted to the CQLIT

Tickets submitted to the CQL Issue Tracker will be evaluated and the standards team may identify the ticket needs to be moved on to the MADiE Issue Tracker to evaluate MADiE functionality.

**The following types of tickets should be submitted to the [CQL Issue Tracker](#):**

- User is experiencing a CQL error in the MADiE CQL Editor that is not resolved after reviewing resources (see list in the Ticket Submission Guidance document) and consulting with SMEs
- User is unable to resolve JSON test case error message(s) after reviewing resources (see list in the Ticket Submission Guidance document) and consulting with SMEs
- MADiE test case results are not as expected, and the following has been confirmed:
  - JSON does not contain validation errors
  - Valid CQL
  - Appropriate utilization of QI-Core Profiles:
    - [hl7.org/fhir/us/qicore/STU4.1.1/profiles.html](http://hl7.org/fhir/us/qicore/STU4.1.1/profiles.html)
    - [hl7.org/fhir/us/qicore/STU6/profiles.html](http://hl7.org/fhir/us/qicore/STU6/profiles.html)

# Tickets to be Submitted to the MADiEIT

The following types of tickets should be submitted to the [MADiE Issue Tracker](#):

- Enhancement requests
- Issues accessing the applications after verifying network or internet connection
- Tool performance issues in which do not subside after verifying network or internet connection
- Error message received which instructs the user to contact the Help Desk
- Clarification needed for functionality after review of resources
- MADiE CQL error that was not resolved after review of available resources, consulting with SMEs and/or [CQL Issue Tracker](#)
- MADiE test case error that was not resolved after review of available resources, consulting with SMEs and/or [CQL Issue Tracker](#)
- MADiE measure export inquiries
- Issues with the measure HTML file (referred to as the 'Human Readable'), in the measure package export
- MADiE test case export (QRDA or Excel) inquiries
- Library deletion requests

# Help Desk Requests Including HARP IDs

- The following requests must be submitted via email at [semanticbits-madie-help@icf.com](mailto:semanticbits-madie-help@icf.com) as they contain HARP IDs
  - Measure or library ownership transfer requests
  - CMS ID deletion requests
  - Revert measure version requests
  - or other inquiries with a HARP ID
- Do not submit these requests until you have confirmed that all users involved in the request have active MADiE accounts
- MADiE allows users two options for adding or removing share access for libraries and measures
  - **Preferred Method:** Users can share or unshare one or more libraries or measures via the MADiE UI
  - If users require assistance, users can submit a request to share or unshare one or more libraries or measures via email at [semanticbits-madie-help@icf.com](mailto:semanticbits-madie-help@icf.com)

# UXR – MADiE Usability Interviews

The MADiE team would like to conduct interviews to better understand its use by participants.

- **Join Us!** We're looking for 8 – 9 volunteers for a 1-hour interview on using MADiE to create measures.
- **Your Insights Matter!** The interview will involve reviewing the processes for creating measures in MADiE.
- **Make a Difference!** Your feedback will help us enhance MADiE's tools to better meet your workflows.
- **Be a Part of Improvement!** We highly encourage participation to help us tailor MADiE to your needs.
- **Get Involved!** To volunteer, please complete the questionnaire below and provide your contact email. Thank you.
- <https://forms.office.com/r/wzw41MGU4z>

# Enhancement Request – Testing Standalone CQL Libraries

- Testing Standalone CQL Libraries
  - This enhancement request was withdrawn for now
  - Problem to solve
    - Currently, library content can't be tested independently; it can only be tested within the context of a measure. As a result, we must add or modify test cases in every measure that uses the library, solely to meet the 100% coverage requirement, even when the logic itself hasn't changed
  - Brainstorm ideas to solve this issue?
  - The original enhancement request has been withdrawn – to add it to our backlog of enhancements to consider, someone else will need to pick it up

# Enhancement Request – Upcoming Prioritization Session

- Will send out the Prioritization board on **June 17th**
- Prioritization Session will begin (opens for voting) **June 24th**
- Prioritization Session ends (closes) **July 1st**
- Results will be used to set up the roadmap for PI 20 Planning (**July 23rd**)
- Enhancements Currently on the Board for Prioritization:
  - **Calculation Tool** — will allow users to calculate dates within MADiE
  - **Display Codes/Value Sets to be Tested** — will allow users to see which DRCs or value sets are used in the measure but not yet included in tests
  - **Easy Test Case Metadata** — will allow users to easily update test case group and title from the test case list screen
  - **Generic Measurement Period** — will allow users to select a measure period of January 1, 20XX – December 31, 20XX
  - **Independent Measure Testing** — will allow users to build test cases against measures they do not have edit access to
  - **Library CQL Builder UI** — will allow users to use a CQL Builder similar to the one currently available for measures, for libraries
  - **Make Test Case JSON Match UI** — will allow users to set the test case JSON so that family = group and given = title
  - **Measure/Library History** — will allow users to view the history of a measure
  - **Rename Population Criteria** — will allow users to rename the Population Criteria for use with test cases
  - **Undo Version/Draft** — will allow users to back out their last version or draft of a measure/library on their own

# UXD – Test Case Details

## Measure CQL (View Only):

- Can this Measure CQL Tab name be shortened to get back some real estate? e.g.:
  - Measure CGL
  - CQL
- A tooltip can be used in conjunction with the shortened label if we think it is needed

The screenshot displays the MADiE Measure CQL (View Only) interface. The top navigation bar includes the MADiE logo, the text 'Measure Authoring Development Integrated Environment', and links for 'Measures', 'Libraries', 'Help', 'Connect to UMLS', and a user profile 'Jonathan'. The main header shows the measure title 'Bone density evaluation for patients with prostate cancer and receiving androgen deprivation therapy' along with version '1.4.000', model 'QI-Core v4.1.1', and a date range 'MP: 1/1/2025 - 12/31/2025'. A yellow 'In-Use' badge is present. Below the header, tabs for 'Details', 'CQL Editor', 'Population Criteria', and 'Test Cases (5)' are visible. The 'Test Cases' tab is active, showing a list of test cases with columns for 'Elements', 'JSON', and 'Search'. A table lists various test cases with columns for 'Profile' and 'Value Set'. The 'Measure CQL (View Only)' tab is highlighted, showing a list of CQL rules. The bottom of the interface features buttons for 'Run Test', 'Discard Changes', and 'Save'.

Measures Libraries Help Connect to UMLS Jonathan

Home > Measure

Bone density evaluation for patients with prostate cancer and receiving androgen deprivation therapy

Version: 1.4.000 Model: QI-Core v4.1.1 MP: 1/1/2025 - 12/31/2025 In-Use

Details CQL Editor Population Criteria Test Cases (5) Display Alerts (3)

Test Cases / Case #1: DENOMPASS - ICUEndOnEncEnd

Elements JSON

Available Added (1)

Search

Search

Profile	Value Set
Patient	-
Claim	Value Set example
Encounter	Longer Value Set example here
Flag	Another Value Set
Location	Value Set example again

Items per page 5 1 - 5 of 5

Measure CQL (View Only) Highlighting Expected/Actual Details

```
1 library IntensiveCareUnitVenousThromboembolismProphylaxisFHIR version '0.1.000'
2
3 using QICore version '4.1.1'
4
5 include CQMCommon version '1.1.000' called CQMCommon
6 include FHIRHelpers version '4.2.000' called FHIRHelpers
7 include QICoreCommon version '1.3.000' called QICoreCommon
8 include SupplementalDataElements version '3.2.000' called SDE
9 include TJCOverall version '8.7.000' called TJC
10 include VTE version '8.4.000' called VTE
11
12 codesystem "LOINC": 'http://loinc.org/'
13
14 valueset "Application of Graduated Compression Stockings": 'http://cts.nlm.nih.gov/fhir/ValueSet/2.16.840.1.113762.1.4.1110.66'
15
16 valueset "Application of Intermittent Pneumatic Compression Devices": 'http://cts.nlm.nih.gov/fhir/ValueSet/2.16.840.1.113762.1.4.1110.65'
17
18 valueset "Application of Venous Foot Pumps": 'http://cts.nlm.nih.gov/fhir/ValueSet/2.16.840.1.113762.1.4.1110.64'
19
20 valueset "Atrial Fibrillation or Flutter": 'http://cts.nlm.nih.gov/fhir/ValueSet/2.16.840.1.113883.3.117.1.1.202'
21
22 valueset "Comfort Measures": 'http://cts.nlm.nih.gov/fhir/ValueSet/1.3.6.1.4.1.33895.1.3.0.45'
23
24 valueset "Direct Thrombin Inhibitor": 'http://cts.nlm.nih.gov/fhir/ValueSet/2.16.840.1.113883.3.117.1.1.205'
25
26 valueset "Emergency Department Visit": 'http://cts.nlm.nih.gov/fhir/ValueSet/2.16.840.1.113883.3.117.1.1.292'
27
28 valueset "General or Neuraxial Anesthesia": 'http://cts.nlm.nih.gov/fhir/ValueSet/2.16.840.1.113883.3.666.5.1743'
29
30 valueset "General Surgery": 'http://cts.nlm.nih.gov/fhir/ValueSet/2.16.840.1.113883.3.117.1.1.255'
31
32 valueset "Glycoprotein IIb/IIIa Inhibitors": 'http://cts.nlm.nih.gov/fhir/ValueSet/2.16.840.1.113883.3.117.1.1.255'
33
```

Run Test Discard Changes Save



# UXD – Test Case Details (Examples)

The screenshot displays the 'Test Cases (5)' tab in the UXD application. The header bar includes 'Measures', 'Libraries', 'Help', 'Connect to UMLS', and a user profile 'Jonathan'. The main content area shows a measure titled 'prostate cancer and receiving androgen deprivation therapy' with a date range of '12/31/2025' and an 'In-Use' status. Below the header, there are tabs for 'Measure CQL', 'Highlighting', 'Expected/Actual', and 'Details'. The 'Measure CQL' tab is active, showing a list of CQL snippets. The first snippet is highlighted, showing the following code:

```
1 library IntensiveCareUnitVenousThromboembolismProphylaxisFHIR version '0.1.000'
2
3 using QICore version '4.1.1'
4
5 include CQMCommon version '1.1.000' called CQMCommon
6 include FHIRHelpers version '4.2.000' called FHIRHelpers
7 include QICoreCommon version '1.3.000' called QICoreCommon
8 include SupplementalDataElements version '3.2.000' called SDE
9 include TJCOverall version '8.7.000' called TJC
10 include VTE version '8.4.000' called VTE
11
12 codesystem "LOINC": 'http://loinc.org'
13
14 valueset "Application of Graduated Compression Stockings": 'http://cts.nlm.nih.gov/
15 fhir/ValueSet/2.16.840.1.113762.1.4.1110.66'
16 valueset "Application of Intermittent Pneumatic Compression Devices": 'http://
17 cts.nlm.nih.gov/fhir/ValueSet/2.16.840.1.113762.1.4.1110.65'
18 valueset "Application of Venous Foot Pumps": 'http://cts.nlm.nih.gov/fhir/
19 ValueSet/2.16.840.1.113762.1.4.1110.64'
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23 ValueSet/1.3.6.1.4.1.33895.1.3.0.45'
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25 ValueSet/2.16.840.1.113883.3.117.1.1.205'
26 valueset "Emergency Department Visit": 'http://cts.nlm.nih.gov/fhir/
27 ValueSet/2.16.840.1.113883.3.117.1.1.292'
28 valueset "General or Neuraxial Anesthesia": 'http://cts.nlm.nih.gov/fhir/
29 ValueSet/2.16.840.1.113883.3.666.5.1743'
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31 ValueSet/2.16.840.1.113883.3.117.1.1.255'
32 valueset "Glycoprotein IIb/IIIa Inhibitors": 'http://cts.nlm.nih.gov/fhir/
33 ValueSet/2.16.840.1.113883.3.117.1.1.255'
```

At the bottom of the interface, there are buttons for 'Run Test', 'Discard Changes', and 'Save'.

The screenshot displays the 'Test Cases (5)' tab in the UXD application, similar to the first screenshot. The header bar includes 'Measures', 'Libraries', 'Help', 'Connect to UMLS', and a user profile 'Jonathan'. The main content area shows a measure titled 'patients with prostate cancer and receiving androgen deprivation therapy' with a date range of '1/1/2025 - 12/31/2025' and an 'In-Use' status. Below the header, there are tabs for 'Criteria', 'Test Cases (5)', 'Highlighting', 'Expected/Actual', and 'Details'. The 'Test Cases (5)' tab is active, showing a list of CQL snippets. The first snippet is highlighted, showing the following code:

```
1 library IntensiveCareUnitVenousThromboembolismProphylaxisFHIR version '0.1.000'
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3 using QICore version '4.1.1'
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5 include CQMCommon version '1.1.000' called CQMCommon
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31 ValueSet/2.16.840.1.113883.3.117.1.1.255'
32 valueset "Glycoprotein IIb/IIIa Inhibitors": 'http://cts.nlm.nih.gov/fhir/
33 ValueSet/2.16.840.1.113883.3.117.1.1.255'
```

A tooltip is visible over the 'Measure CQL' tab, displaying 'Measure CQL (Read Only)'. At the bottom of the interface, there are buttons for 'Run Test', 'Discard Changes', and 'Save'.

# UXD – Validation Errors

The screenshot shows a web application interface for 'deprivation therapy'. At the top, there's a navigation bar with 'Measures', 'Libraries', 'Help', 'Connect to UMLS', and a user profile 'Jonathan'. Below the navigation bar, the main content area is titled 'deprivation therapy'. A tab labeled 'Validation (4)' is selected, displaying four green alert boxes, each containing the text 'This is an success alert - Check it out'. The left sidebar shows a list of medical terms and their corresponding codes. At the bottom, there are three buttons: 'Discard Changes', 'Run Test Case', and 'Save'.

The screenshot shows the same web application interface. The 'Validations (4)' tab is selected, displaying four alert boxes. The first two are blue and labeled 'info alert', the next two are yellow and labeled 'warning alert', and the last one is pink and labeled 'error Alert'. Each alert box contains the text 'Check it out'. The rest of the interface, including the navigation bar, sidebar, and bottom buttons, is identical to the first screenshot.

The screenshot shows the same web application interface. The 'Validation (4)' tab is selected, displaying four greyed-out alert boxes. Each box contains the text 'Check it out'. The rest of the interface, including the navigation bar, sidebar, and bottom buttons, is identical to the previous screenshots.

# User Group Discussion



- Topic suggestions and questions for the User Group can also be submitted through the MADiE Issue Tracker located here:  
<https://oncprojecttracking.healthit.gov/support/projects/MADiE/summary>
- Additional questions or comments can be submitted by using the chat feature or unmuting your own line.
- Our next User Group will be held July 17th at 2 pm ET.

# PII / PHI

- PHI and PII are prohibited in MADiE.
- Measure testing should only represent synthetic patient test data.
- Report any questions or concerns to the Help Desk.



# Resources

# MADiE Resources (1 of 4)

The [MADiE public website](#) provides a Login button to access MADiE

The [Training and Resources](#) tab on the public website provides:

- **User Access Guide** – how to get your MADiE account
- **User Guide** – provides details regarding tool functionality
- **JSON Test Case Guide v2.1** – steps for using the JSON test case editor. This document has been updated to include QI-Core v6.0.0 information.
- **Known Issues** – updated regularly
- **MADiE Enhancement Request Form for CMS Contractors** – additional details required when submitting an enhancement request
- **MADiE CMS ID Deletion Request Form v1.0** – to request the CMS ID associated with a draft measure with no prior versions be deleted
- **MADiE Add or Remove Measure and Library Sharing Request Form v1.1**
  - Used to request measures (and the measure's test cases) or libraries to be shared, submitted by or on behalf of the owner via email
  - OR
  - Used to request measures (and the measure's test cases) or library sharing access be removed – submitted by or on behalf of the owner or by the user the measure or library is shared with via email
- **MADiE Measure or Library Ownership Transfer Request Form v2.0** – to request transferring ownership of measures (and the measure's test cases) or libraries - form should be submitted by the owner via email
- **MADiE Revert Measure Version Request Form v1.0** – to request a measure version number be reverted to a previous version number if the measure was versioned in error
- **MADiE Independent Testing Supplemental Guide v2.0**
- **Release Notes** – posted with each MADiE release
- **MADiE In Depth Training Videos**
- **External JSON Testing Help Guide** – provides instructions for users to externally test their QI-Core v6.0.0 test case JSON until MADiE can begin performing those validations

# MADiE Resources (2 of 4)

## MADiE QI-Core Profile Examples – Updated to Include QI-Core v6.0.0

- The MADiE Test Case JSON Guide v2.1, available on the [Training and Resources](#) tab on the public website, has been updated to also provide guidance to aid MADiE users in updating or creating QI-Core v6.0.0 test cases in MADiE.
- The MADiE team has created a measure in MADiE (**QI-Corev6.0.0 Test Case Template**) with an included test case JSON bundle (**QI-Corev6Example Bundle**) which contains entries for many QI-Core v6.0.0 profiles.
- To continue to support QI-Core v4.1.1 test case creation, the measure (**QI-Corev4.1.1 Test Case Template**) with one test case (**QI-Corev4.1.1 Example Bundle version 2**) is available in MADiE.
- The purpose of these test case JSON bundles is to provide users the framework for commonly used QI-Core v4.1.1 and v6.0.0 profiles that can be leveraged with their own test case development.
- The QI-Core profiles examples in the v4.1.1 and the v6.0.0 JSON bundles are for guidance and are not intended to fulfill any measure or testing requirement. Updates to reflect the specific details of your test case will be necessary.
- Measure developers may copy any of the profiles from either of the test cases to your test case(s) (of the same QI-Core version) or use a source code editor (e.g., Notepad++ and Visual Studio Code) and make any updates needed to meet your testing needs. The test cases may also be exported.

# MADiE Resources (3 of 4)

## MADiE In Depth Training Videos

- Located on the public website [Training and Resources](#) tab
  - [Log In and Measures](#)
  - [QI-Core Test Cases](#)

## MADiE Process Workflows:

- [MADiE Help Desk Process](#)
- [MADiE Enhancement Request Process](#)

## JIRA Status and Resolution Use Cases

- Located on the [MADiE Issue Tracker](#) Summary page



# MADiE Resources (4 of 4)

## **MADiE 2.2.5**

<https://madie.cms.gov>

## **MADiE Release Schedule**

Located on the public website [Training and Resources](#) tab

## **MADiE Issue Tracker:**

<https://oncprojecttracking.healthit.gov/support/projects/MADiE/summary>

## **eCQI Resource Center:**

<https://ecqi.healthit.gov/>