



# **Navigating the IPF Module in the CMS Abstraction & Reporting Tool (CART)**

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# Purpose

This presentation will provide an overview of the IPF module in the Centers for Medicare & Medicaid Services (CMS) Abstraction & Reporting Tool (CART). This includes steps to:

- Access and install CART.
- Abstract data for the IPFQR Program.
- Export XML files from the IPF module of CART.
- Run reports in CART.
- Upload XML files to the *Hospital Quality Reporting (HQR) Secure Portal*.
- Resolve any issues encountered with CART.

# Learning Objectives

Participants will be able to access and use the IPF module of CART to abstract data and export XML files for upload into the *HQR Secure Portal* to ensure compliance with the data submission requirements of the IPFQR Program.

Navigating the IPF Module in the  
CMS Abstraction & Reporting Tool (CART)

## **CART Access and Installation**

# CART Access and Installation

To access the CART pages from the QualityNet home page (<https://qualitynet.cms.gov/>), click the Inpatient Psychiatric Facilities tile.



Then, in the top menu, click Data Management.



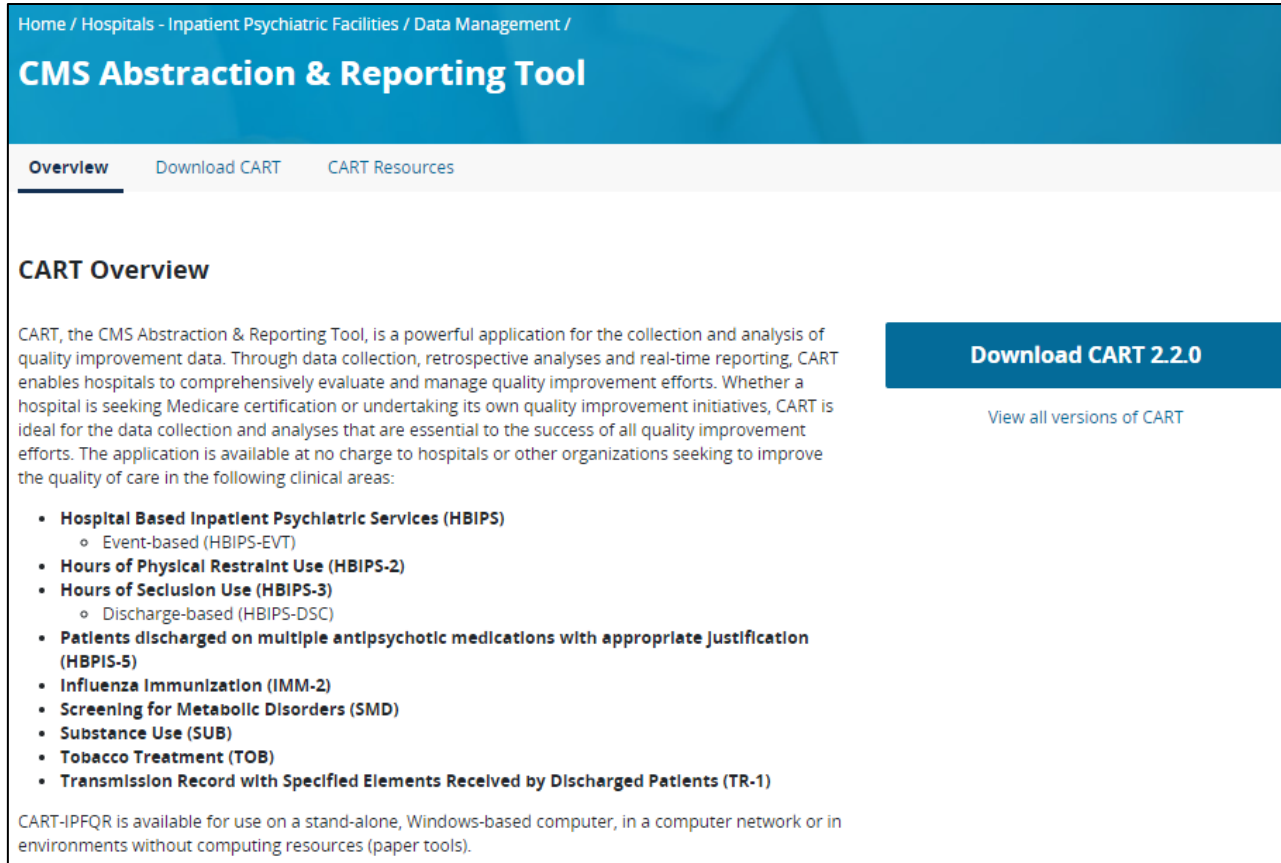
# CART Access and Installation

From the Inpatient Psychiatric Facilities Data Management web page, click the Learn More button.

The screenshot shows the 'Inpatient Psychiatric Facilities Data Management' website. The breadcrumb trail is 'Home / Hospitals - Inpatient Psychiatric Facilities /'. The main title is 'Inpatient Psychiatric Facilities Data Management'. The navigation menu includes 'Overview', 'Measures', 'Public Reporting', 'Data Management' (which is underlined), 'Resources', and 'Notifications'. The main content area is titled 'Inpatient Psychiatric Facilities Data Management' with a sub-header 'Learn more about data collection and data submission'. There are three main sections: 1. 'Data Collection' which includes 'CMS Abstraction & Reporting Tool (CART)' described as 'A powerful application for the collection and analysis of quality improvement data.' with a 'Learn more' button. 2. 'Data Submission' which includes 'Inpatient Psychiatric Facilities Data Submission' described as 'Data must be submitted in the prescribed format by the transmission deadlines established by CMS.' with a 'Learn more' button. 3. 'Abstraction Resources' described as 'Tools for abstracting measure data.' with a 'Learn more' button.

# CART Access and Installation

Next, the CART Overview page appears. You can access this directly by visiting: <https://qualitynet.cms.gov/ipf/data-management/cart>



Home / Hospitals - Inpatient Psychiatric Facilities / Data Management /

## CMS Abstraction & Reporting Tool

[Overview](#) [Download CART](#) [CART Resources](#)

### CART Overview

CART, the CMS Abstraction & Reporting Tool, is a powerful application for the collection and analysis of quality improvement data. Through data collection, retrospective analyses and real-time reporting, CART enables hospitals to comprehensively evaluate and manage quality improvement efforts. Whether a hospital is seeking Medicare certification or undertaking its own quality improvement initiatives, CART is ideal for the data collection and analyses that are essential to the success of all quality improvement efforts. The application is available at no charge to hospitals or other organizations seeking to improve the quality of care in the following clinical areas:

- **Hospital Based Inpatient Psychiatric Services (HBIPS)**
  - Event-based (HBIPS-EVT)
- **Hours of Physical Restraint Use (HBIPS-2)**
- **Hours of Seclusion Use (HBIPS-3)**
  - Discharge-based (HBIPS-DSC)
- **Patients discharged on multiple antipsychotic medications with appropriate justification (HBIPS-5)**
- **Influenza Immunization (IMM-2)**
- **Screening for Metabolic Disorders (SMD)**
- **Substance Use (SUB)**
- **Tobacco Treatment (TOB)**
- **Transmission Record with Specified Elements Received by Discharged Patients (TR-1)**

CART-IPFQR is available for use on a stand-alone, Windows-based computer, in a computer network or in environments without computing resources (paper tools).

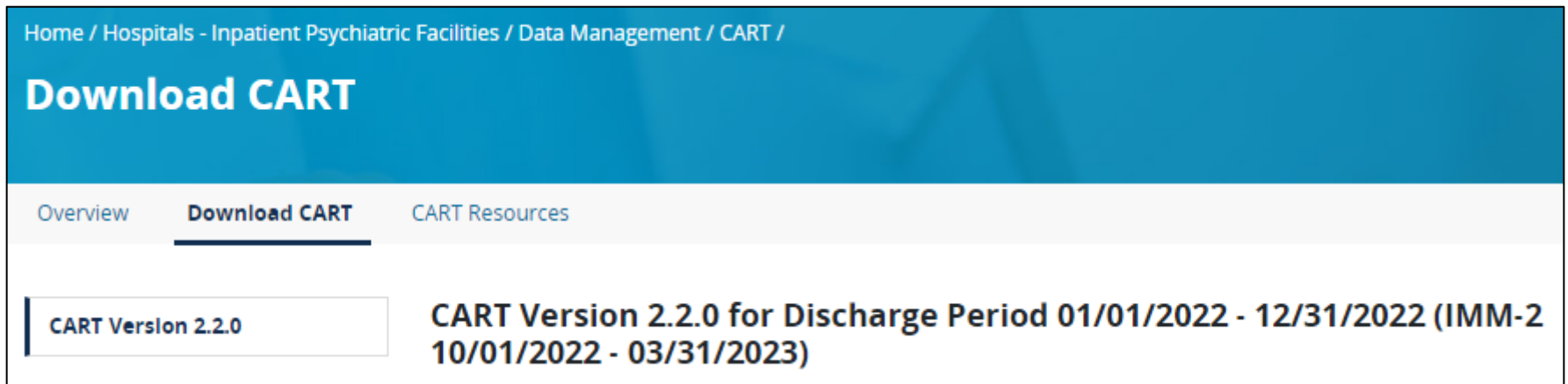
[Download CART 2.2.0](#)

[View all versions of CART](#)

Acronyms

# CART Access and Installation

When you click the Download CART tab, you will see information regarding the latest version of CART. The main header on the page includes the applicable discharge period for that version of the IPF module of CART.



Home / Hospitals - Inpatient Psychiatric Facilities / Data Management / CART /

## Download CART

Overview **Download CART** CART Resources

CART Version 2.2.0

**CART Version 2.2.0 for Discharge Period 01/01/2022 - 12/31/2022 (IMM-2 10/01/2022 - 03/31/2023)**



# CART Access and Installation

The webpage provides guidance on the following:

- Initial Installation of CART
- Upgrading from an existing CART installation
- Checksum values

You'll find resources to help with edits, import CSV file layouts, and an online help guide.

CMS recommends review of these resources prior to installation and use of CART.

**Initial Installation of CART**

This is the second installation of IPFQR CART. This version is NOT compatible with the previous version of IPFQR CART 1.0.1. This version needs to be installed either on a workstation that does not already have a version of IPFQR CART or be installed on a different directory from the IPFQR CART 1.0.1.

1. Read and follow the IPFQR CART 2.2.0 Installation Instructions Addendum and CART Installation Instructions
2. Download CART-IPFQR 2.2.0

File Name	File Type	File Size	
CART Installation Instructions Addendum	PDF	70 KB	<a href="#">Download</a>
CART Installation Instructions	PDF	1.1 MB	<a href="#">Download</a>
CART-IPFQR 2.2.0	EXE	248 MB	<a href="#">Download</a>

**Upgrading from an existing CART Installation**

**Compatibility:** CART-IPFQR 2.2.0 is compatible with CART-Outpatient 1.17.1 or newer versions. It is also compatible with CART-Inpatient 4.25 or newer versions and may be installed in the same directory.

This is the second installation of IPFQR CART. This version is NOT compatible with the previous version of IPFQR CART 1.0.1. This version needs to be installed either on a workstation that does not already have a version of IPFQR CART or be installed on a different directory from the IPFQR CART 1.0.1. If you do not currently have IPFQR CART, but do have an installation of a compatible IQR/OQR CART version:

1. Read and follow the IPFQR CART 2.2.0 Installation Instructions Addendum and CART Installation Instructions
2. Download the CART-IPFQR 2.2.0 Upgrade

File Name	File Type	File Size	
CART Installation Instructions Addendum	PDF	70 KB	<a href="#">Download</a>
CART Installation Instructions	PDF	1.1 MB	<a href="#">Download</a>
CART-IPFQR 2.2.0 Upgrade	EXE	138 MB	<a href="#">Download</a>

**Checksum Values**

To verify that CART files have downloaded successfully, match the MD5 checksum value provided below for each file with the MD5 checksum value generated through the File Checksum Integrity Verifier (FCIV) utility.

CART File Name	MD5 Checksum Value
CART-IPFQR 2.2.0 Initial Installation	74c3ea65ff53f91ddbce185f435c55
CART-IPFQR 2.2.0 Upgrade	b682e3155fc07eb99c03b9b1db9c9929

**Resources**

File Name	File Type	File Size	
Edits	PDF	265 KB	<a href="#">Download</a>
Import CSV File Layout	PDF	284 KB	<a href="#">Download</a>
Online Help Guide	PDF	8.7 MB	<a href="#">Download</a>

# CART Access and Installation

Refer to the CART Installation Instructions and CART Installation Instructions Addendum for detailed information before downloading CART-IPFQR to your workstation.

## CART Version 2.2.0 for Discharge Period 01/01/2022 - 12/31/2022 (IMM-2 10/01/2022 - 03/31/2023)

### Initial Installation of CART

This is the second installation of IPFQR CART. This version is NOT compatible with the previous version of IPFQR CART 1.0.1. This version needs to be installed either on a workstation that does not already have a version of IPFQR CART or be installed on a different directory from the IPFQR CART 1.0.1.

1. Read and follow the IPFQR CART 2.2.0 Installation Instructions Addendum and CART Installation Instructions
2. Download CART-IPFQR 2.2.0

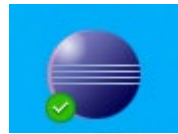
File Name	File Type	File Size	
CART Installation Instructions Addendum	PDF	70 KB	<a href="#">Download</a>
CART Installation Instructions	PDF	1.1 MB	<a href="#">Download</a>
CART-IPFQR 2.2.0	EXE	248 MB	<a href="#">Download</a>

Step 1

Step 2

# CART Installation

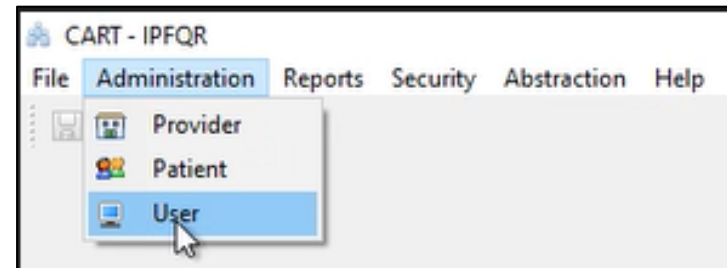
Once you complete the CART installation process, this icon will appear on your screen.



If your facility uses CART for multiple quality reporting programs, then you will have a separate icon for each program. We encourage you to update the name of the icon to ensure you are using the appropriate module when abstracting records.

# Setting Up Accounts in the IPF Module of CART

- Before a facility can begin abstracting measure data, an administrative account must be created.
- Once the administrative user's account is created, information about the rest of the IPFQR users – with abstractor user status – must be created by the administrative account.
- Do this by clicking Administration in the top menu. Then, select User.
- Functions of the administrative user type include:
  - Setup of accounts for abstractor user types,
  - Entry of the IPF's provider information into the tool,
  - Setup of the reporting period to be abstracted, and
  - Abstraction of measure data.
- The abstractor user type can abstract cases but cannot setup administrative functions in the tool.



# CART Access and Installation

## Version 2.2.0 vs. Version 2.3.0

Users who have already installed CART 2.2.0 must upgrade to version 2.3.0 in order to abstract for the Q1 2023 IMM-2 measure.

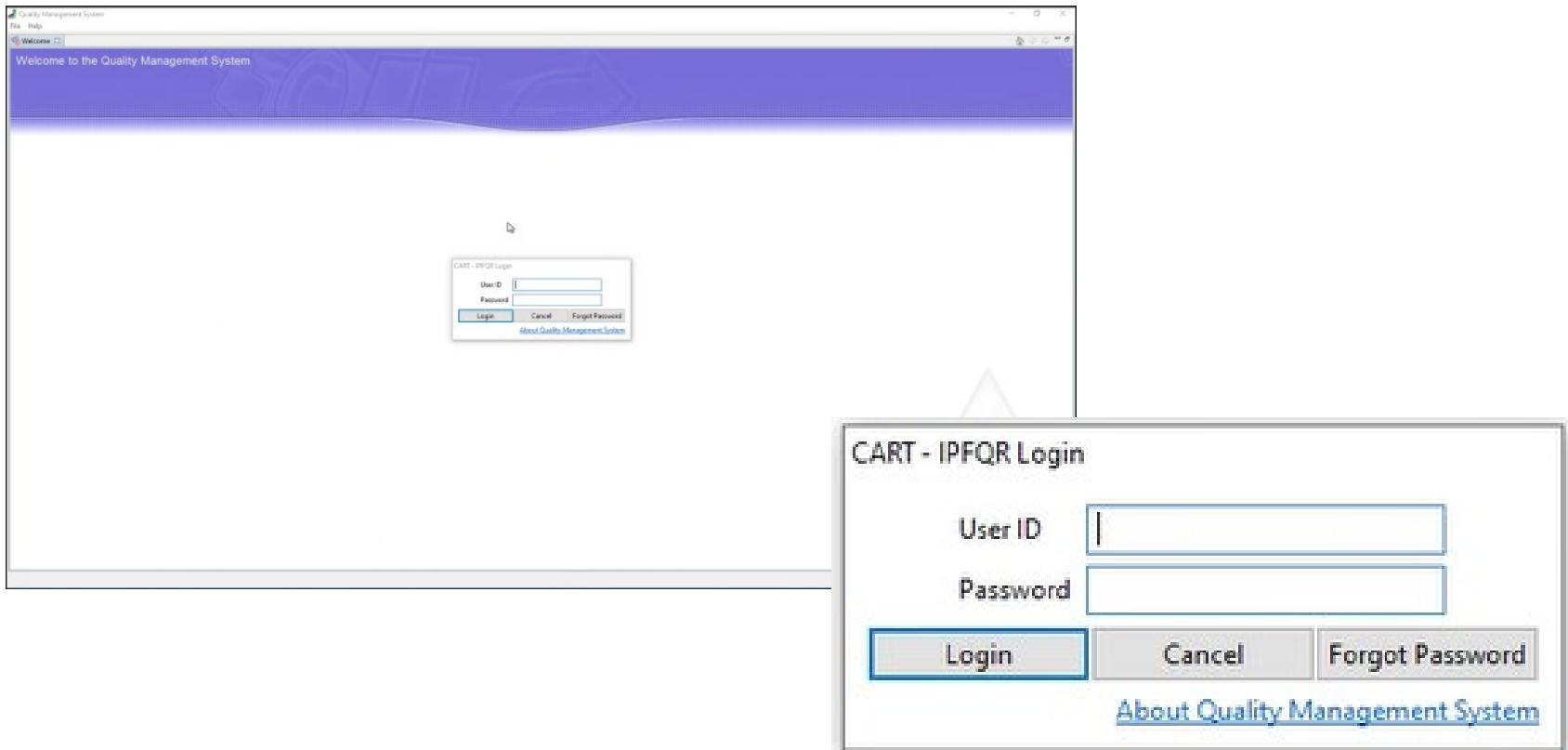
- Be sure to run the upgrade installer over the current installation to retain data abstracted for CY 2022 alongside the Q1 2023 IMM-2 data in the calendar year (CY) 2023 upgrade of CART.
- You must install the upgrade to the existing QMS30 installation.
- Refer to the guidance provided in the CART Installation Instructions and CART Installation Instructions Addendum on the QualityNet IPF Download CART web page for more details.

Navigating the IPF Module in the  
CMS Abstraction & Reporting Tool (CART)

## **Abstract Data in the IPF Module in CART**

# Abstracting in the IPF Module of CART

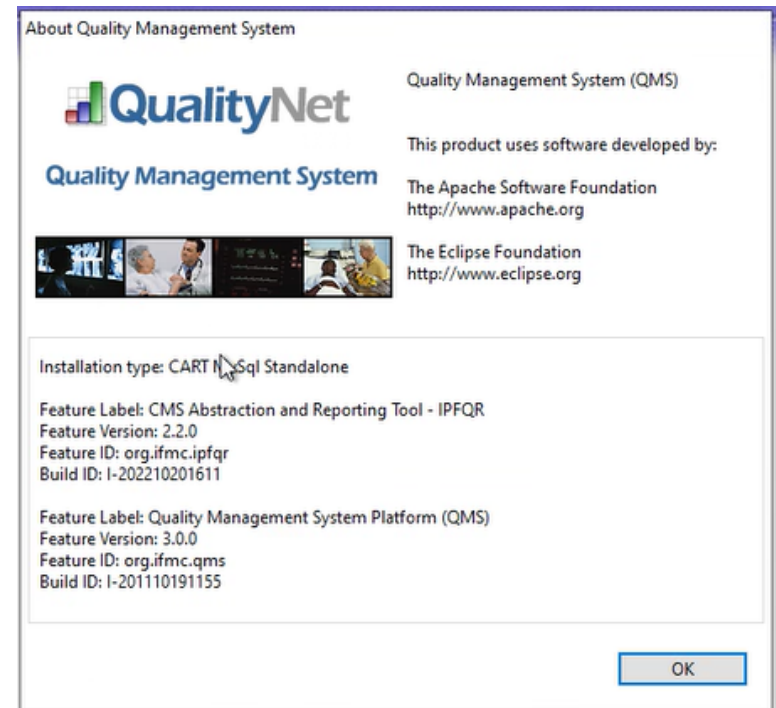
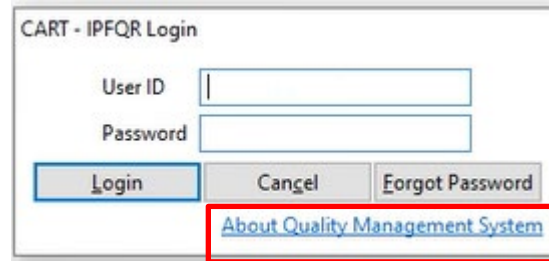
After you double-click on the CART icon, a log in window will appear.



# Abstracting in the IPF Module of CART

Click the About Quality Management System link to view more information about the version of CART that is in use.

The Feature Label will specify that this is CART – IPFQR and the build ID indicates when the version was created. The image below shows the build for version 2.2.0 was October 20, 2022.





# Abstracting in the IPF Module of CART

The Terms and Conditions window will appear upon logging in to the system.

Terms and Conditions

**\*\*\*\*WARNING\* \*WARNING\* \*WARNING\*\*\*\***

You have accessed a U.S. Government information system. There is no right of privacy on this system.

All data contained within this system is owned by the Centers for Medicare & Medicaid Services of the U.S. Department of Health and Human Services. For the purpose of protecting the rights and property of the Department, and to monitor compliance with all applicable statutes, regulations, agreements and policies; data access, entry and utilization may be monitored, intercepted, recorded, copied, audited, inspected or otherwise captured and/or analyzed in any manner.

Use of this system by any user, authorized or unauthorized, constitutes consent to this monitoring, interception, recording, copying, auditing, inspecting or otherwise capturing and/or analyzing of data access, entry and/or utilization through this system.

Unauthorized access is prohibited by Title 18 of the United States Code, Section 1030. Unauthorized access or use of this computer system may subject violators to criminal, civil, and/or administrative action. System personnel may give any potential evidence of crime found on Department computer systems to law enforcement officials.

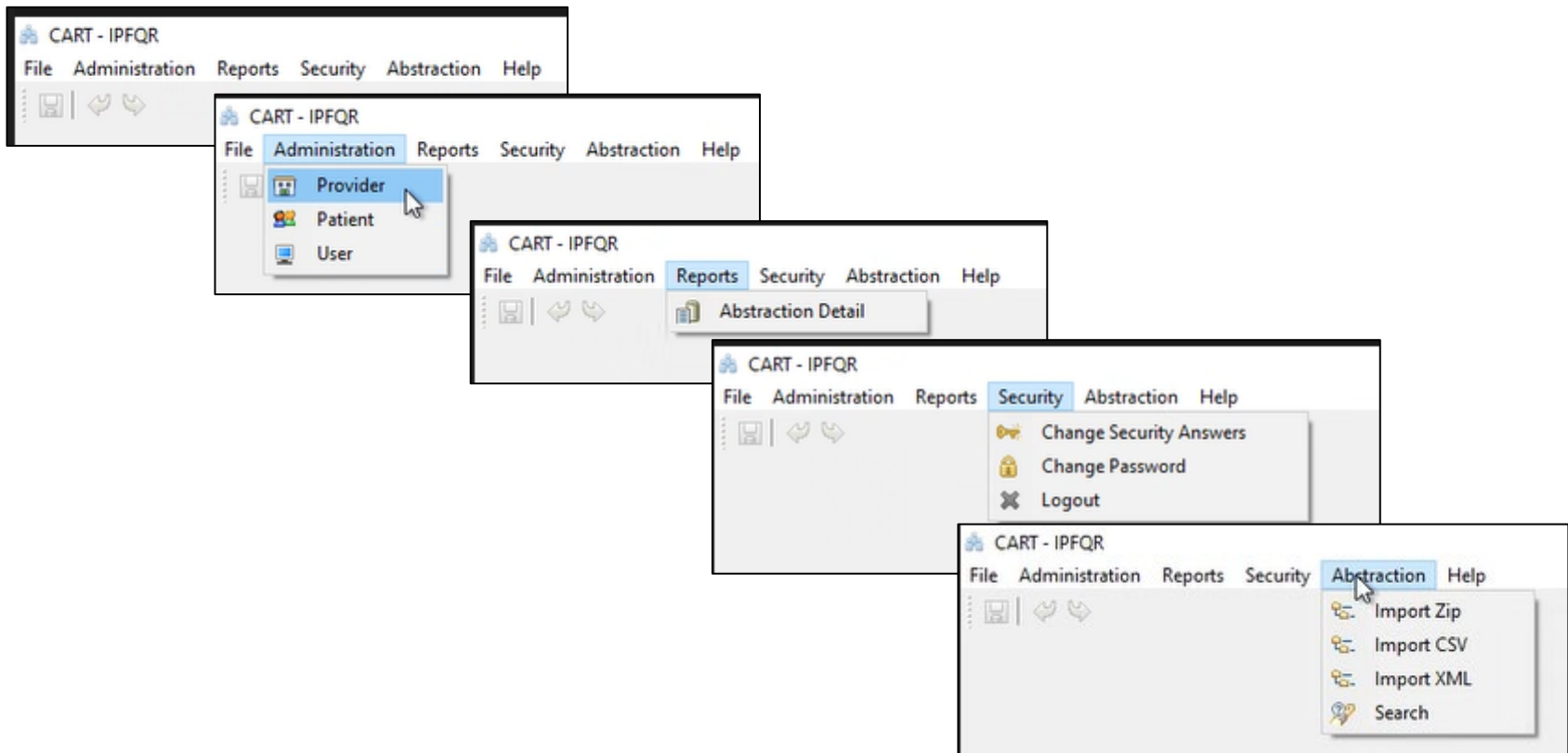
System users are required to adhere to all applicable statutes, regulations, agreements and policies governing their access to and use of the data contained within this system including, but not limited to, CMS Information Security Policies, Standards and Procedures.

**\*\*\*\*WARNING\* \*WARNING\* \*WARNING\*\*\*\***

**I accept the above Terms and Conditions.**

# Abstracting in the IPF Module of CART

## Administrative User Menu Items



# Abstracting in the IPF Module of CART

When you click on Administration > Provider a window will appear with three sections describing your facility: Provider Summary, Provider Detail, and Provider Preferences.

The screenshot displays the CART - IPFQR application interface. The main menu includes File, Administration, Reports, Security, Abstraction, and Help. The Administration menu is open, showing options for Provider, Patient, and User. A secondary window titled 'CART - IPFQR' is open, showing the 'Provider Information' section. This section is divided into three main areas: Provider Summary, Provider Detail, and Provider Preferences.

**Provider Summary**

Name	Address 1	City	State	Zip	CMS Cert No.	Termination Date
Cordmore	123 Main	Petersburg	FL	33713	33404	

**Provider Detail** (Required Field)

Menu\*  
Address 1\* 123 Main  
Address 2  
Zip\* 33713  
City\* Petersburg  
State\* FL  
CMS Cert No\* 33404  
National Provider ID  
Termination Date

**Provider Preferences**

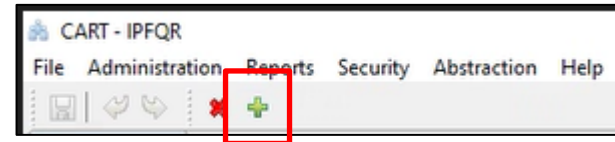
Time Period: 01/01/2022 - 12/31/2022 (1.0)

These are the required measures for the IPFQR program. The measure (MMA-2) Influenza Immunization Information measure has a different reporting period that is Q4 & Q1 of the following year.

- HERS-DSC
  - HERS-5 Patients discharged on multiple antipsychotic medications with appropriate justification
  - HERS-EIT
  - HERS-2 Hours of Physical Restraint Use
  - HERS-3 Hours of Seclusion Use
- IMA
- IMM-2 Influenza Immunization
- S4C
  - S4C Screening for Metabolic Disorders
  - S4B
    - S4B-2 Alcohol Use Brief Intervention Provided or Offered
    - S4B-2a Alcohol Use Brief Intervention
    - S4B-3 Alcohol & Other Drug Use Disorder Treatment Provided or Offered at Discharge
    - S4B-3a Alcohol & Other Drug Use Disorder Treatment at Discharge
- T4C
  - T4C-2 Tobacco Use Treatment Provided or Offered
  - T4C-2a Tobacco Use Treatment
  - T4C-3 Tobacco Use Treatment Provided or Offered at Discharge
  - T4C-3a Tobacco Use Treatment at Discharge
- TR
  - TR-1 Transition Record with Specified Elements Received by Discharged Patients

# Abstracting in the IPF Module of CART

If your abstraction team supports multiple IPFs, then you can add each IPF to CART by clicking the green plus sign on the top left.



Enter your facility's information in the Provider Detail section.

In the Provider Preferences section, select the Time Period (01/01/2022 – 12/31/2022 for the summer 2023 submission period), and select all data sets before clicking the save button.

# Abstracting IMM-2 in the IPF Module of CART

To abstract Q1 2023 IMM-2 cases, go to the Provider tab and update the Time Period field in the provider preferences to CY 2023 dates (01/01/2023–02/31/2023) **before** selecting a patient.

The screenshot displays the CART-IPFQR application window. The 'Provider' tab is selected, and the 'Provider Information' section is expanded. A table lists provider details, with a single entry for 'Fake' in Madison, WI. The 'Provider Preferences' section is also expanded, showing a dropdown for 'Time Period\*' set to '01/01/2023 - 12/31/2023'. Below this, a list of checkboxes includes 'HBIPS-2 Hours of Physical Restraint Use', 'HBIPS-3 Hours of Seclusion Use', 'IMM', 'IMM-2 Influenza Immunization', 'SMD', 'SMD Screening for Metabolic Disorders', 'SUB', 'SUB-2 Alcohol Use Brief Intervention Provided or Offered', 'SUB-2a Alcohol Use Brief Intervention', 'SUB-3 Alcohol & Other Drug Use Disorder Treatment Provided or Offered', 'SUB-3a Alcohol & Other Drug Use Disorder Treatment at Discharge', and 'TOB'. The 'IMM' and 'IMM-2 Influenza Immunization' checkboxes are checked.

Name	Address 1	City	State	Zip	CMS Cert No	Termination Date
Fake	Fake	Madison	WI	978129831	854854	

**Provider Detail** \* = Required Field

Name\* Fake  
Address 1\* Fake  
Address 2  
Zip\* 97812-9831  
City\* Madison  
State\* WI  
CMS Cert No\* 854854  
National Provider ID  
Termination Date

**Provider Preferences**

Time Period\* 01/01/2023 - 12/31/2023  
These are the  
The measure I  
measure has a

- HBIPS-2 Hours of Physical Restraint Use
- HBIPS-3 Hours of Seclusion Use
- IMM
- IMM-2 Influenza Immunization
- SMD
- SMD Screening for Metabolic Disorders
- SUB
- SUB-2 Alcohol Use Brief Intervention Provided or Offered
- SUB-2a Alcohol Use Brief Intervention
- SUB-3 Alcohol & Other Drug Use Disorder Treatment Provided or Offered
- SUB-3a Alcohol & Other Drug Use Disorder Treatment at Discharge
- TOB

# Abstracting IMM-2 in the IPF Module of CART

▼ Provider Detail \* = Required Field

Name\* Fake

Address 1\* Fake

Address 2

Zip\* 97812-9831

City\* Madison

State\* WI

CMS Cert No\* 854854

National Provider ID

Termination Date --

▼ Provider Preferences

Time Period\* 01/01/2023 - 12/31/2023

These are the n  
The measure IP  
measure has a

01/01/2023 - 12/31/2023

01/01/2022 - 12/31/2022

01/01/2021 - 12/31/2021

HBIPS-2 Hours of Physical Restraint Use

HBIPS-3 Hours of Seclusion Use

IMM

IMM-2 Influenza Immunization

SMD

SMD Screening for Metabolic Disorders

SUB

SUB-2 Alcohol Use Brief Intervention Provided or Offered

SUB-2a Alcohol Use Brief Intervention

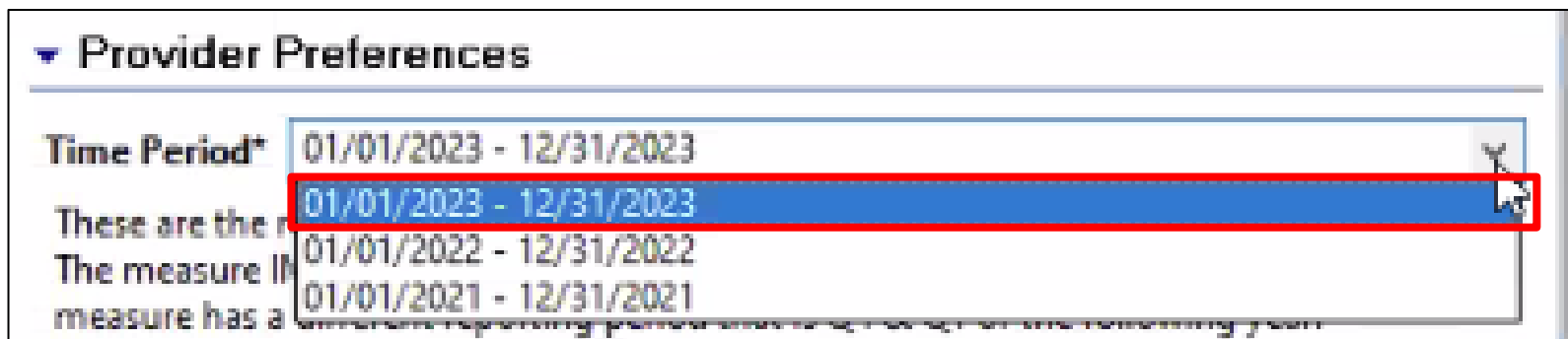
SUB-3 Alcohol & Other Drug Use Disorder Treatment Provided or Offer

SUB-3a Alcohol & Other Drug Use Disorder Treatment at Discharge

TOB

# Abstracting IMM-2 in the IPF Module of CART

**Reminder:** You must update the Time Period to 01/01/2023 – 12/31/2023 before selecting a patient to abstract IMM-2 measure data for Q1 2023.



▼ Provider Preferences

Time Period\* 01/01/2023 - 12/31/2023

These are the r 01/01/2023 - 12/31/2023

The measure I 01/01/2022 - 12/31/2022

measure has a 01/01/2021 - 12/31/2021

dimensions reporting period ends on 12/31/2021 or the remaining year

The screenshot shows a dropdown menu for 'Time Period\*' with four options: '01/01/2023 - 12/31/2023', '01/01/2022 - 12/31/2022', and '01/01/2021 - 12/31/2021'. The first option is highlighted in blue and has a red rectangular box around it. A mouse cursor is visible over the dropdown arrow on the right side of the menu.

# Abstracting in the IPF Module of CART

## Completed

**Provider Detail** \* = Required Field

Name\* Creedmore  
Address 1\* 123 Main  
Address 2  
Zip\* 33713-  
City\* Petersburg  
State\* FL  
CMS Cert No\* 334004  
National Provider ID  
Termination Date - -

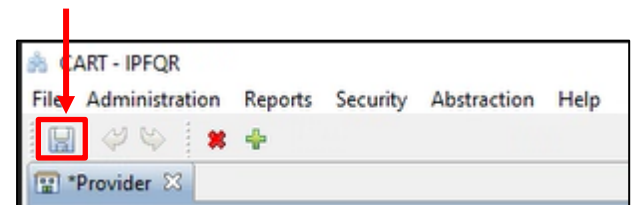
**Provider Preferences**

Time Period\* 01/01/2022 - 12/31/2022 (1.02)

These are the required measures for the IPFQR program.  
The measure IMM-2: Influenza Immunization Information measure has a different reporting period that is Q4 & Q1 of the following year.

- HBIPS-DSC
- HBIPS-5 Patients discharged on multiple antipsychotic medications with appropriate justification
- HBIPS-EVT
- HBIPS-2 Hours of Physical Restraint Use
- HBIPS-3 Hours of Seclusion Use
- IMM
- IMM-2 Influenza Immunization
- SMD
- SMD Screening for Metabolic Disorders
- SUB
- SUB-2 Alcohol Use Brief Intervention Provided or Offered
- SUB-2a Alcohol Use Brief Intervention
- SUB-3 Alcohol & Other Drug Use Disorder Treatment Provided or Offered at Discharge
- SUB-3a Alcohol & Other Drug Use Disorder Treatment at Discharge
- TOB
- TOB-2 Tobacco Use Treatment Provided or Offered
- TOB-2a Tobacco Use Treatment
- TOB-3 Tobacco Use Treatment Provided or Offered at Discharge
- TOB-3a Tobacco Use Treatment at Discharge
- TR
- TR-1 Transition Record with Specified Elements Received by Discharged Patients

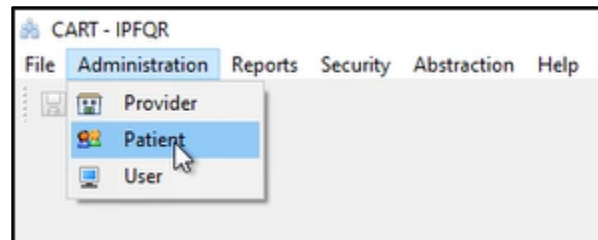
## Save icon



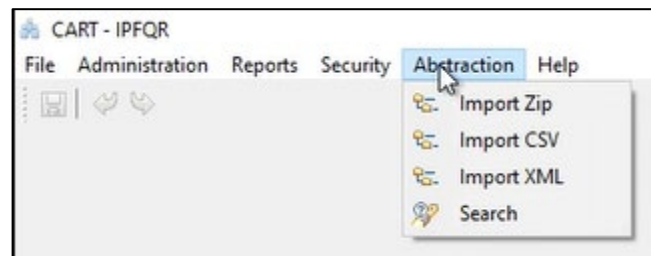


# Abstracting in the IPF Module of CART

The first image shows how an Administrative user can add a patient's record for abstraction.

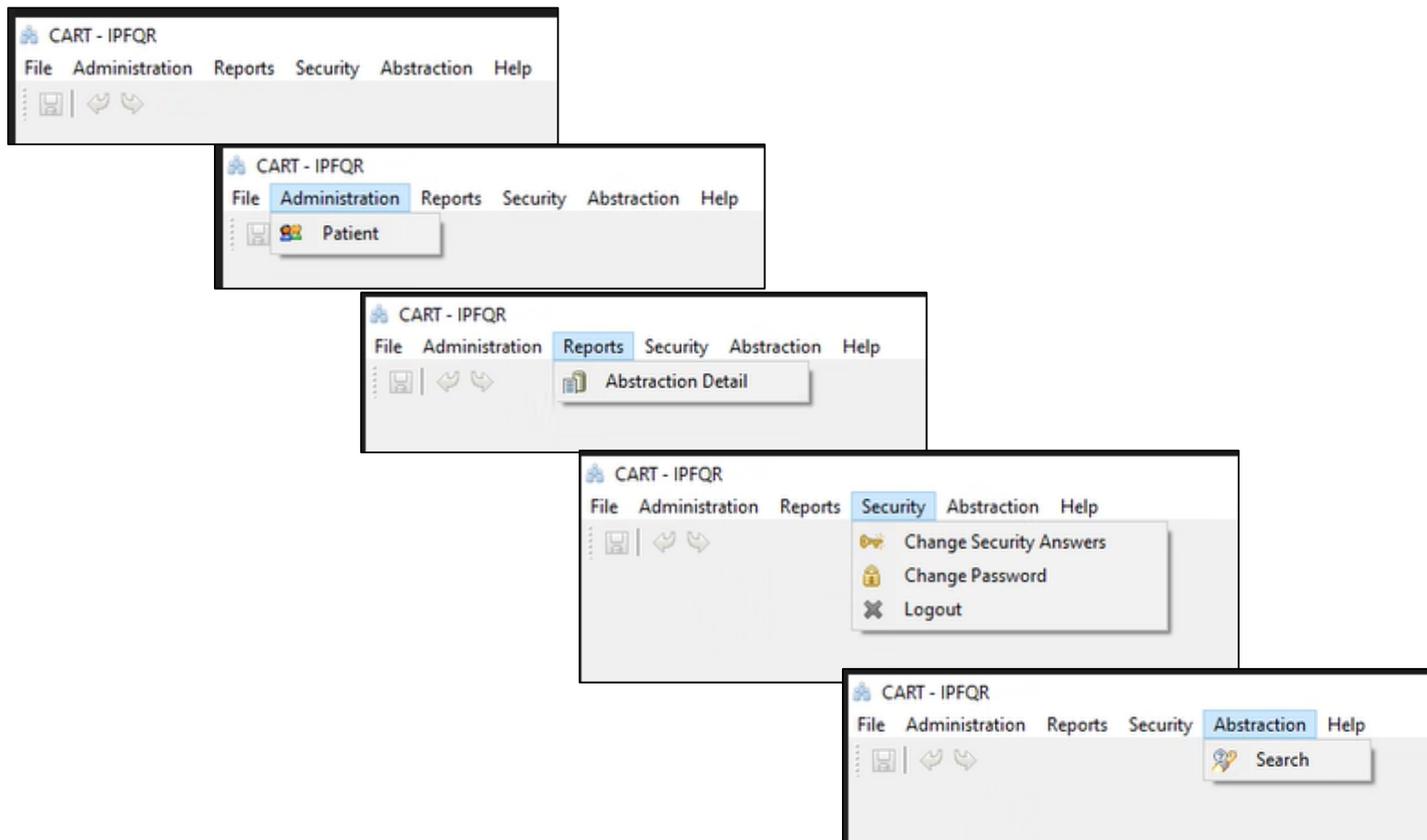


The second image shows the options for importing medical record files into CART for abstraction.



# Abstracting in the IPF Module of CART

## Abstractor User Menu Items



# Abstracting in the IPF Module of CART

If an Abstractor User selects Abstraction > Search, the following page appears.

The screenshot shows the 'Patient Information' search interface in the CART - IPFQR application. The window title is 'CART - IPFQR' and the menu bar includes 'File', 'Administration', 'Reports', 'Security', 'Abstraction', and 'Help'. The main content area is divided into several sections:

- Search:** A table with three columns: 'Field Name', 'Condition', and 'Field Value'. Each column has a dropdown menu. To the right of this table are 'Search' and 'Clear' buttons. Below the table is a status bar showing '<< < No records found. > >>'.
- Patient Summary:** A table with the following columns: 'First Name', 'Last Name', 'Patient Identifier', 'Provider', 'Birthdate', 'Race', 'Sex', and 'Hispanic Ethnicity'. The table is currently empty.
- Patient Detail:** A section titled '\* = Required Field' containing several input fields:
  - First Name\* (text input)
  - Last Name\* (text input)
  - Sex\* (dropdown menu)
  - Birthdate\* (calendar icon)
  - Race\* (dropdown menu)
  - Hispanic Ethnicity\* (dropdown menu)
  - Patient Identifier\* (text input)
  - Provider\* (dropdown menu)

At the bottom of the 'Patient Detail' section are three buttons: 'Add Abstraction', 'Add Patient', and 'Delete Patient'.

# Abstracting in the IPF Module of CART

After entering information into the search fields on the left, a list of patients at the facility will be listed in the Patient Summary section on the left. Highlight a patient's name to see Patient Details on the right side of the screen.

The screenshot displays the CART - IPFQR application interface. The top menu includes File, Administration, Reports, Security, Abstraction, and Help. The main window is divided into several sections:

- Patient Information**: Contains a search section with a table for defining search criteria.
 

Field Name	Condition	Field Value
Sex	Not Equal To	Unknown
- Patient Summary**: A table listing patients with columns for First Name, Last Name, Patient Identifier, Provider, Birthdate, Race, Sex, and Hispanic Ethnicity. The patient 'Testing F32A' is highlighted.
 

First Name	Last Name	Patient Identifier	Provider	Birthdate	Race	Sex	Hispanic Ethnicity
Yellow	Sapsucker	ABCDE12348	Creedmore	02-29-1948	White	Female	Yes
Varigated	Vine	ABCDE12357	Creedmore	10-10-1940	White	Female	No
Testing	F32A	F32a00001	Creedmore	05-05-1950	White	Female	No
Sullen	Stephans	ABCDE12356	Creedmore	09-09-1949	White	Male	Yes
Red	Robin	ABCDE12346	Creedmore	12-01-1955	White	Male	No
Purple	Pumpkin	ABCDE12345	Creedmore	12-01-1945	White	Male	No
Mallow	Mushroom	ABCDE12355	Creedmore	08-08-1948	White	Male	Yes
Hirsute	Hippopotamus	ABCDE12357	Creedmore	02-02-1960	White	Male	Yes
Hairy	Hippo	ABCDE12354	Creedmore	07-07-1947	White	Male	No
Grape	Giraffe	ABCDE12353	Creedmore	06-06-1956	White	Male	Yes
Eggshell	Elephant	ABCDE12352	Creedmore	05-05-1955	White	Male	Yes
Coral	Cougar	ABCDE12351	Creedmore	04-15-1945	White	Female	Yes
Brown	Trout	ABCDE12350	Creedmore	03-15-1950	White	Male	Yes
Blue	Bird	ABCDE12347	Creedmore	10-31-1950	White	Female	Yes
Alabaster	Apricot	ABCDE12358	Creedmore	02-05-1945	White	Male	Yes
- Patient Detail**: A form for the selected patient 'Testing F32A'. Fields include First Name\*, Last Name\*, Sex\*, Birthdate\*, Race\*, Hispanic Ethnicity\*, Patient Identifier\*, and Provider\*. Buttons for 'Add Abstraction', 'Add Patient', and 'Delete Patient' are visible.

# Abstracting in the IPF Module of CART

Click the Add Abstraction button and a window will appear.

▼ Patient Detail \* = Required Field

First Name*	Hairy
Last Name*	Hippo
Sex*	Male
Birthdate*	07-07-1947
Race*	White
Hispanic Ethnicity*	No
Patient Identifier*	ABCDE12354
Provider*	Creedmore - 334004

**Add Abstraction**

Add Patient

Delete Patient

Abstraction

Add/Edit Abstraction for patient Alabaster Apricot

Case Information

\* = Required

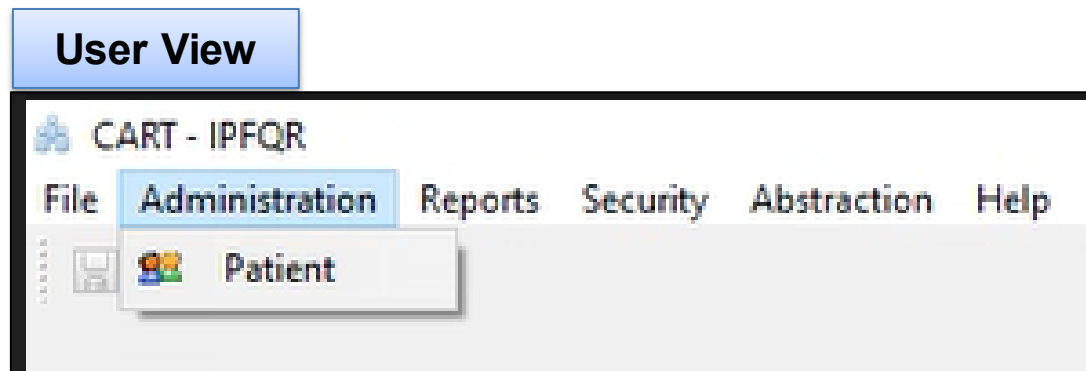
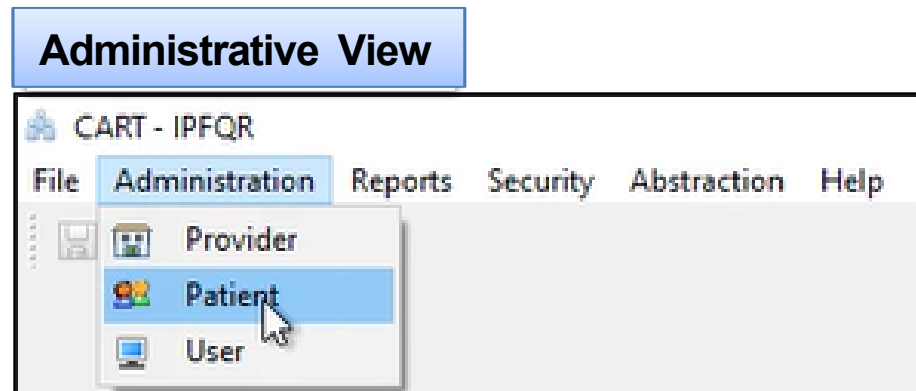
Admission Date*	- -
Discharge Date	- -
Event Date	- -
Measure Set*	
Abstractor ID*	sehlersABS - 334004
Abstraction Date*	03-02-2023

Comment

< Back Next > Finish Cancel

# Abstracting in the IPF Module of CART: Add a New Patient

The images below show the Admin view and the User view of adding a patient record for abstraction.



# Abstracting in the IPF Module of CART: Add a New Patient

This is an image of the Patient tab.

CART - IPFQR  
File Administration Reports Security Abstraction Help

Provider Patient

Patient Information

Search

Field Name	Condition	Field Value

No records found.

Patient Summary

First Name	Last Name	Patient Identifier	Provider	Birthdate	Race	Sex	Hispanic Ethnicity

Patient Detail \* = Required Field


First Name\*  
Last Name\*  
Sex\*  
Birthdate\*  
Race\*  
Hispanic Ethnicity\*  
Patient Identifier\*  
Provider\*

Add Abstraction  
Add Patient  
Delete Patient

# Abstracting in the IPF Module of CART: Add a New Patient

You will enter information into the required fields of the Patient Detail section of the Patient tab.

▼ Patient Detail      \* = Required Field


First Name*	<input type="text"/>
Last Name*	<input type="text"/>
Sex*	<input type="text"/> ▼
Birthdate*	<input type="text" value="--"/> 
Race*	<input type="text"/> ▼
Hispanic Ethnicity*	<input type="text"/> ▼
Patient Identifier*	<input type="text"/>
Provider*	<input type="text"/> ▼



# Abstracting in the IPF Module of CART: Add a New Patient

Here is a completed Patient Detail section.

▼ Patient Detail      \* = Required Field

First Name*	<input type="text" value="Blue"/>
Last Name*	<input type="text" value="Bayou"/>
Sex*	<input type="text" value="Male"/> ▼
Birthdate*	<input type="text" value="12-31-1944"/> 
Race*	<input type="text" value="White"/> ▼
Hispanic Ethnicity*	<input type="text" value="No"/> ▼
Patient Identifier*	<input type="text" value="AABBB11122"/>
Provider*	<input type="text" value="Creedmore - 334004"/> ▼

# Abstracting in the IPF Module of CART: Add a New Patient

Option 1: Click the Add Patient button. The Save Resource window will appear. Click on Yes.

▼ Patient Detail \* = Required Field

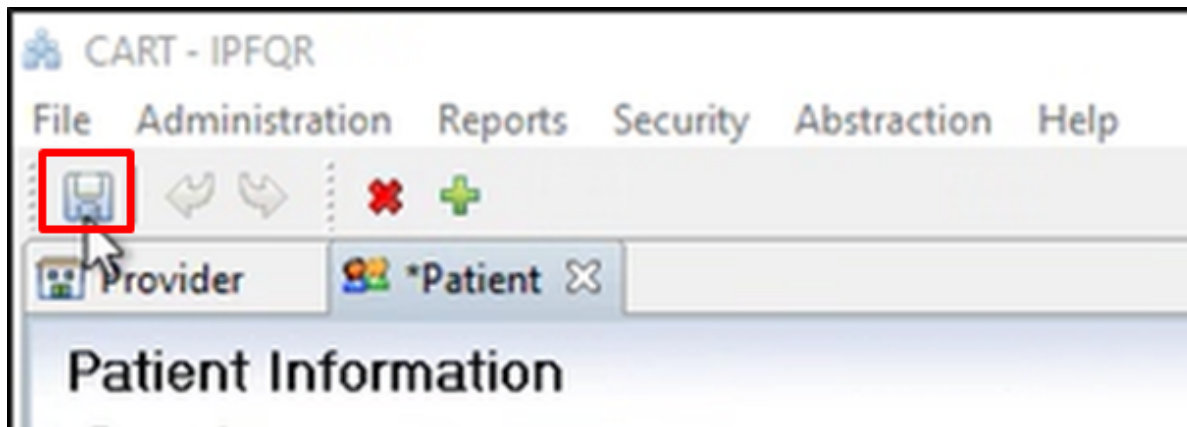
First Name*	<input type="text" value="Blue"/>
Last Name*	<input type="text" value="Bayou"/>
Sex*	<input type="text" value="Male"/>
Birthdate*	<input type="text" value="12-31-1944"/>
Race*	<input type="text" value="White"/>
Hispanic Ethnicity*	<input type="text" value="No"/>
Patient Identifier*	<input type="text" value="AABBB11122"/>
Provider*	<input type="text" value="Creedmore - 334004"/>

Save Resource

?'Patient' has been modified. Save changes?

# Abstracting in the IPF Module of CART: Add a New Patient

Option 2: Click save icon in the top left of the main window to save the patient information.



# Abstracting in the IPF Module of CART: Add a New Patient

Now the patient will appear in the Patient Summary section of this window.

The screenshot displays the 'CART - IPFQR' application window. The menu bar includes 'File', 'Administration', 'Reports', 'Security', 'Abstraction', and 'Help'. Below the menu is a toolbar with icons for file operations and a '+' sign. Two tabs are visible: 'Provider' and 'Patient'. The 'Patient' tab is active, showing the 'Patient Information' section. Under 'Search', there is a table with three columns: 'Field Name', 'Condition', and 'Field Value'. Below this is the 'Patient Summary' section, which contains a table with the following data:

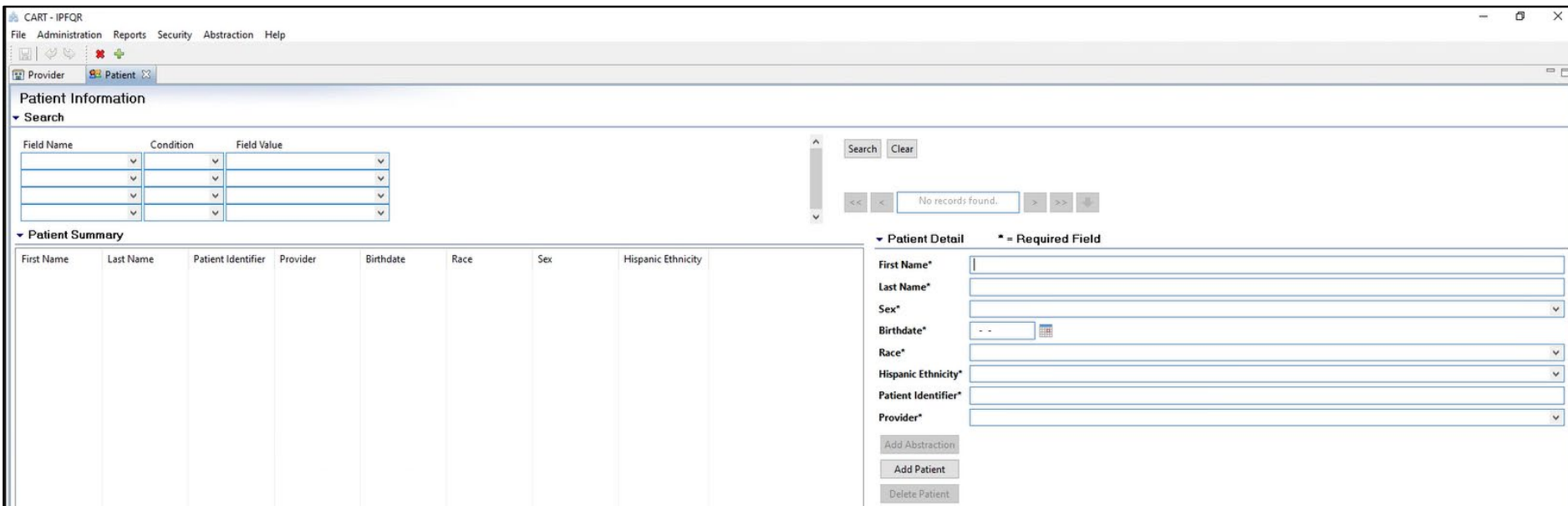
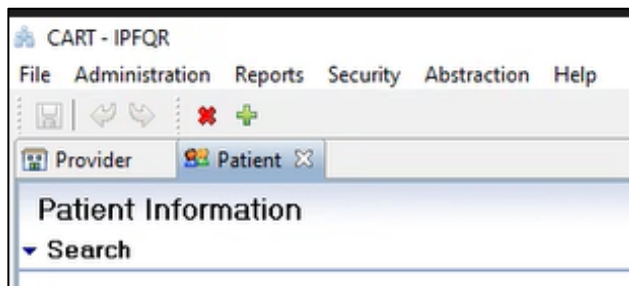
Field Name	Condition	Field Value

First Name	Last Name	Patient Identifier	Provider	Birthdate	Race	Sex	Hispanic Ethnicity
Blue	Bayou	AABBB11122	Creedmore	12-31-1944	White	Male	No

# Abstracting in the IPF Module of CART: Add a New Patient

When you click the green button, the Patient tab will return to blank.

A screenshot of the CART - IPFQR application window showing the "Patient Information" form. The title bar reads "CART - IPFQR". The menu bar includes "File", "Administration", "Reports", "Security", "Abstraction", and "Help". Below the menu bar is a toolbar with icons for file operations and a green plus sign. The "Patient" tab is selected and highlighted in blue. Below the tabs, the text "Patient Information" is visible, followed by a "Search" button with a dropdown arrow. The form is divided into several sections: "Search" with a table for field names, conditions, and values; "Patient Summary" with a table for patient details; and "Patient Detail" with a form for entering patient information. The "Patient Detail" section includes fields for First Name\*, Last Name\*, Sex\*, Birthdate\*, Race\*, Hispanic Ethnicity\*, Patient Identifier\*, and Provider\*. There are also buttons for "Add Abstraction", "Add Patient", and "Delete Patient".

Field Name	Condition	Field Value

First Name	Last Name	Patient Identifier	Provider	Birthdate	Race	Sex	Hispanic Ethnicity

**Patient Detail** \* = Required Field

First Name\*

Last Name\*

Sex\*

Birthdate\*

Race\*

Hispanic Ethnicity\*

Patient Identifier\*

Provider\*

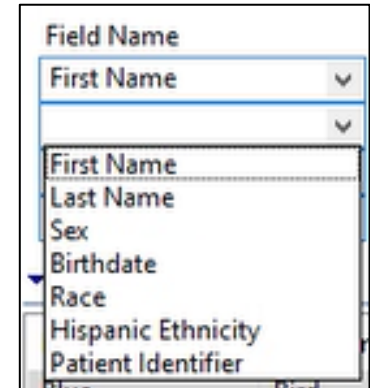
Add Abstraction

Add Patient

Delete Patient

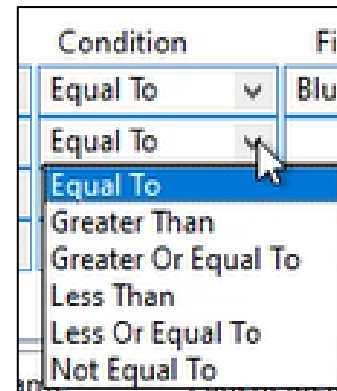
# Abstracting in the IPF Module of CART: Search for an Existing Patient

- Select a data element from the Field Name drop-down.



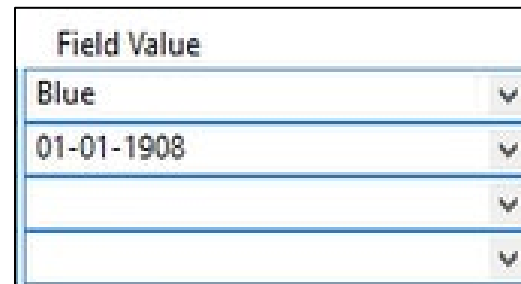
A screenshot of a 'Field Name' drop-down menu. The menu is open, showing a list of data elements: First Name, Last Name, Sex, Birthdate, Race, Hispanic Ethnicity, and Patient Identifier. The 'First Name' option is currently selected and highlighted.

- Select a condition. This varies based on the selected data element.



A screenshot of a 'Condition' drop-down menu. The menu is open, showing a list of conditions: Equal To, Greater Than, Greater Or Equal To, Less Than, Less Or Equal To, and Not Equal To. The 'Equal To' option is currently selected and highlighted.

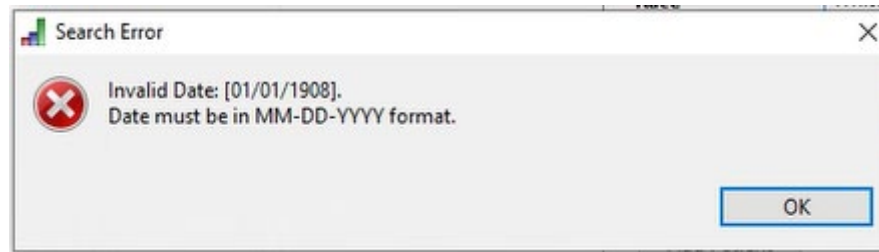
- Type a value to satisfy the search condition in the Field Value.



A screenshot of a 'Field Value' input field. The field is currently empty, and the text 'Blue' is visible in the input area. The field has a drop-down arrow on the right side.

# Abstracting in the IPF Module of CART: Search for an Existing Patient

Note that the date must be entered in MM-DD-YYYY format, otherwise the following error message will appear.



Field Value
Blue
01-01-1908

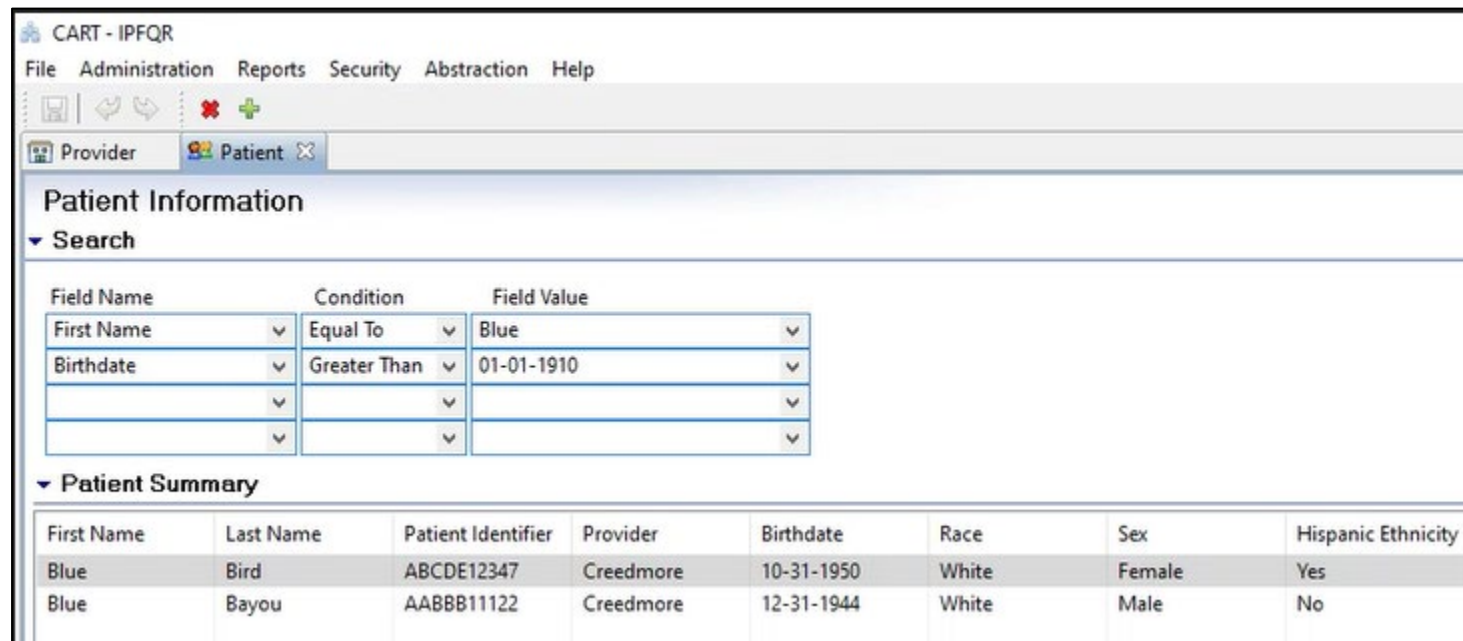
**Correct**

Field Value
Blue
01/01/1908

**Incorrect**

# Abstracting in the IPF Module of CART: Search for an Existing Patient

The search fields are joined conditions, so all conditions must be true. In the example below, the results are based on a first name of “Blue” and a birthdate later than January 1, 1910.



CART - IPFQR

File Administration Reports Security Abstraction Help

Provider Patient

### Patient Information

▼ Search

Field Name	Condition	Field Value
First Name	Equal To	Blue
Birthdate	Greater Than	01-01-1910

▼ Patient Summary

First Name	Last Name	Patient Identifier	Provider	Birthdate	Race	Sex	Hispanic Ethnicity
Blue	Bird	ABCDE12347	Creedmore	10-31-1950	White	Female	Yes
Blue	Bayou	AABBB11122	Creedmore	12-31-1944	White	Male	No



# Abstracting in the IPF Module of CART

Highlight the name of the patient to abstract, then click the Add Abstraction button in the Patient Detail section.

The screenshot displays the 'Patient Information' section of the IPF Module of CART. It includes a search table and a patient summary table. The patient summary table has two rows, with the second row highlighted in red. Below the table, the 'Add Abstraction' button is also highlighted in red.

Field Name	Condition	Field Value
First Name	Equal To	
Birthdate	Greater Than	

First Name	Last Name	Patient Identifier	Provider	Birthdate	Race	Sex	Hispanic Ethnicity
Blue	Bird	ABCDE12347	Creedmore	10-31-1950	White	Female	Yes
Blue	Bayou	AABBB11122	Creedmore	12-31-1944	White	Male	No

Race*	White
Hispanic Ethnicity*	No
Patient Identifier*	AABBB11122
Provider*	Creedmore - 334004
<b>Add Abstraction</b>	
Add Patient	
Delete Patient	

# Abstracting in the IPF Module of CART

The following window appears, prompting you to enter the information into the required fields.

The screenshot shows a software window titled "Abstraction" with the subtitle "Add/Edit Abstraction for patient Blue Bayou". Below the subtitle is the section "Case Information". A legend indicates that fields marked with an asterisk (\*) are required. The form contains the following fields:

- Admission Date\***: A date input field with a calendar icon, currently showing "--".
- Discharge Date**: A date input field with a calendar icon, currently showing "--".
- Event Date**: A date input field with a calendar icon, currently showing "--".
- Measure Set\***: A dropdown menu, currently empty.
- Abstractor ID\***: A dropdown menu, currently showing "stevenSA - 334004".
- Abstraction Date\***: A date input field with a calendar icon, currently showing "03-03-2023".
- Comment**: A large text area for entering a comment.

At the bottom of the window, there are four buttons: "< Back", "Next >", "Finish", and "Cancel".

# Abstracting in the IPF Module of CART

This example will abstract for the SUB measure set.

Abstraction

Add/Edit Abstraction for patient Blue Bayou

Case Information

\* = Required

Admission Date\* 07-01-2022

Discharge Date 07-15-2022

Event Date - -

Measure Set\*

Abstraction ID\*

Abstraction Date\*

Comment

< Back Next > Finish Cancel

# Abstracting in the IPF Module of CART

Next, click the Finish button.

Abstraction

Add/Edit Abstraction for patient Blue Bayou

Case Information

\* = Required

Admission Date\* 07-01-2022

Discharge Date 07-15-2022

Event Date - -

Measure Set\* SUB

Abstractor ID\* stevenSA - 334004

Abstraction Date\* 03-03-2023

Comment

< Back Next > Finish Cancel

## CART-IPF TIP #1

If the Finish button is not highlighted after you enter data into the required fields, hit the Tab key on your keyboard or use your mouse to move the cursor into the Comment field.

# Abstracting in the IPF Module of CART

**Navigator**

- Substance Use Measures
  - Abstraction
    - 1. Enable/disable questions (SKIPATTERN)
    - 2. What was the ICD-10-CM code selected as the principal diag
    - 3. Were there ICD-10-CM Other Diagnosis Codes (OTHRDX#A)
    - 4. Was there ICD-10-PCS Principal Procedure Code (PRINPXA)
    - 5. Were there ICD-10-PCS Other Procedure Codes (OTHRPX#A)
    - 6. Payment Source (PMTSRCE)
    - 7. Postal Code (POSTALCODE)
    - 8. Sample (SAMPLE)
    - 9. Psychiatric Care Setting (PSYCHSETNG)
    - 16. Physician 1 (PHYSICIAN\_1)
    - 17. Physician 2 (PHYSICIAN\_2)

**Abstraction** | Patient Details

### Substance Use Measures

▼ Abstraction

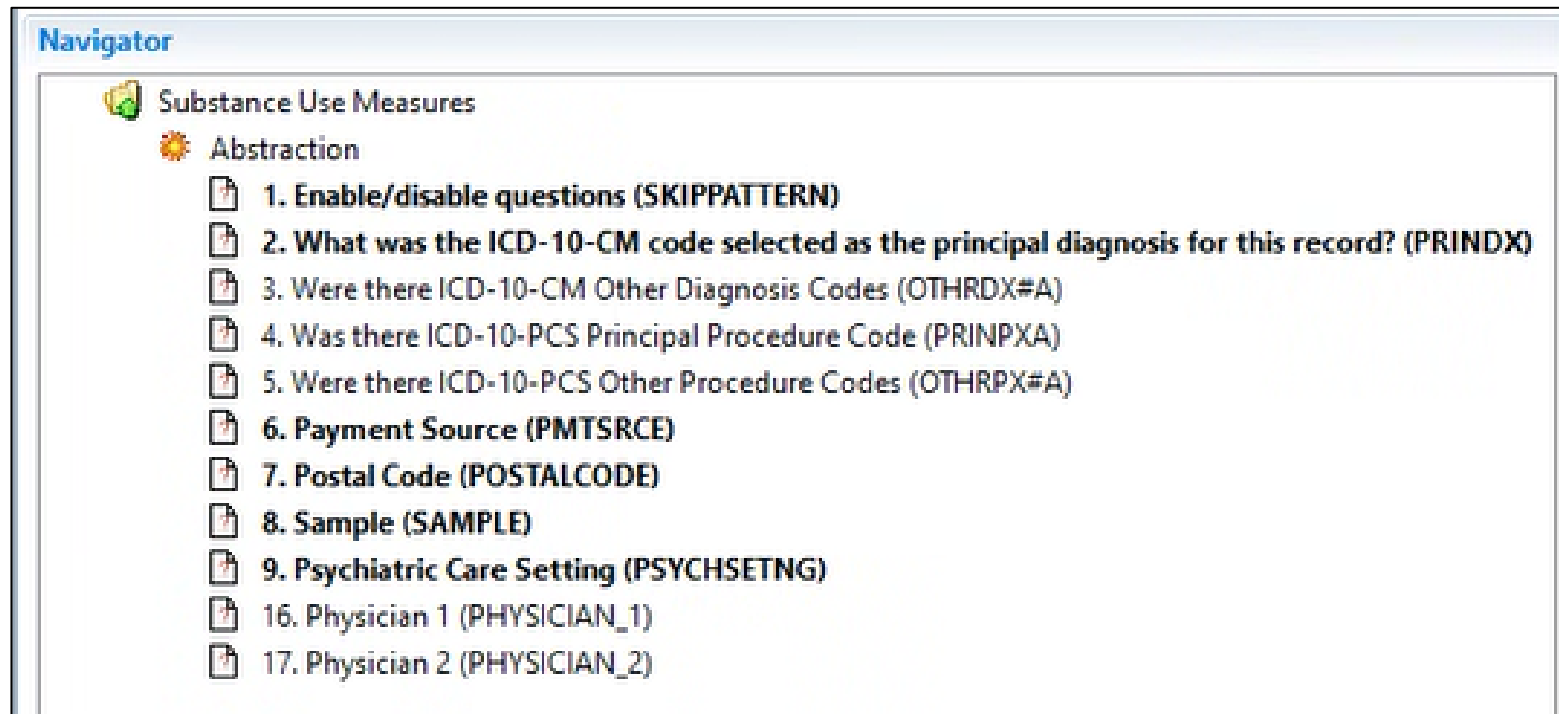
1. Would you like the questions to be enabled or disabled appropriately per the measure algorithms, or do you want all questions enabled? (SKIPATTERN)
  - Enable/disable questions appropriately
  - Enable all questions
2. What was the ICD-10-CM code selected as the principal diagnosis for this record? (PRINDX)
3. Were there ICD-10-CM Other Diagnosis Codes? (OTHRDX#A)
4. Was there an ICD-10-PCS code selected as the principal procedure for this record? (PRINPXA)
5. Were there ICD-10-PCS Other Procedure Codes? (OTHRPX#A)
6. What is the patient's source of payment for this episode of care? (PMTSRCE)
  - Source of payment is Medicare
  - Source of payment is Non-Medicare
7. What is the postal code of the patient's residence? (POSTALCODE)
8. Does this case represent part of a sample? (SAMPLE)
  - The data represents part of a sample.
  - The data is not part of a sample; this indicates the IPF is performing 100 percent of the discharges eligible for this measure set.
9. Did the patient receive care in an inpatient psychiatric setting? (PSYCHSETNG)
  - The patient received care in an inpatient psychiatric setting.
  - The patient did not receive care in an inpatient psychiatric setting.
10. When is the earliest physician/APN/PA documentation of comfort measures only? (COMFORTMX)
  - Day 0 or 1: The earliest day the physician/APN/PA documented comfort measures only was the day of arrival (Day 0) or day after arrival (Day 1).
  - Day 2 or after: The earliest day the physician/APN/PA documented comfort measures only was two or more days after arrival day (Day 2+).
  - Timing unclear: There is physician/APN/PA documentation of comfort measures only during this hospital stay, but whether the earliest documentation of comfort measu
  - Not Documented/UTD: There is no physician/APN/PA documentation of comfort measures only, or unable to determine from medical record documentation.

**Edits**

- ! Error Edit
- # Warning Edit
- ? Informational Edit

# Abstracting in the IPF Module of CART

On the left side of the screen, you will notice that the required questions are in bold. You must enter a response for each of those questions to proceed through the abstraction.



# Abstracting in the IPF Module of CART

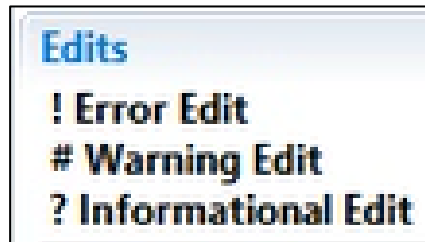
The Physician 1 and 2 data elements are optional and can be used to capture information that might be helpful in internal analysis.

Physician 1 (PHYSICIAN\_1)  
Physician 2 (PHYSICIAN\_2)

- The information can be up to 50 letters, numbers, and/or special characters.
- Only the following special characters will be allowed:  
~ ! @ # \$ % ^ \* ( ) \_ + { } | : ? ' . , /
- Since the information is for internal analysis only it will not be shared with any external parties in any data output.

# Abstracting in the IPF Module of CART

There are three types of edits that may occur based on data entered in to the IPF module.



Refer to the Edits document in the Resource table on the QualityNet [IPF Download CART](#) web page.

Resources			
File Name	File Type	File Size	
Edits	PDF	265 KB	<a href="#">Download</a>
Import CSV File Layout	PDF	284 KB	<a href="#">Download</a>
Online Help Guide	PDF	8.7 MB	<a href="#">Download</a>



# Abstracting in the IPF Module of CART

Click on the Patient Details tab to review the patient's demographic information.

The screenshot shows a web interface with two tabs: 'Abstraction' and 'Patient Details'. The 'Patient Details' tab is active and contains the following fields:

Patient Identifier	AABBB11122	Birthdate	12-31-1944
First Name	Blue	Last Name	Bayou
Sex	Male	Provider	Creedmore
Race	White	Hispanic Ethnicity	No
Vendor Tracking Identifier			
Comment			

Below the Patient Details section is a 'Measures' section with a table:

Measure	Status
SUB-2 Alcohol Use Brief Intervention Provided or Off...	
SUB-2a Alcohol Use Brief Intervention	
SUB-3 Alcohol & Other Drug Use Disorder Treatment ...	
SUB-3a Alcohol & Other Drug Use Disorder Treatment...	

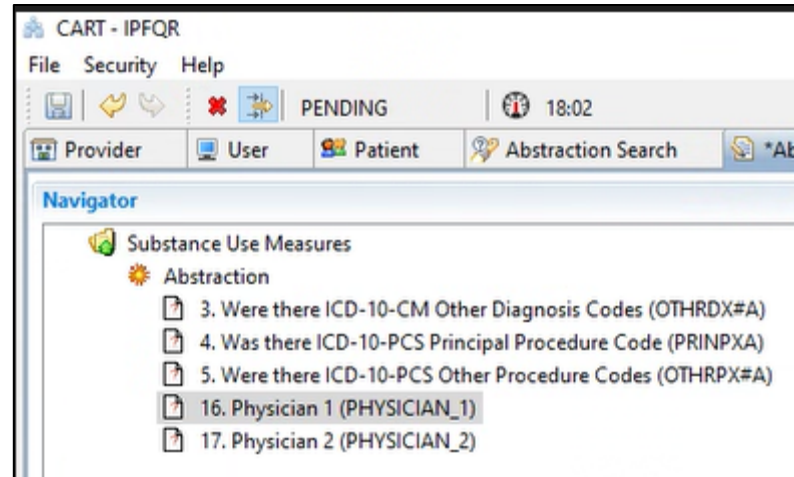
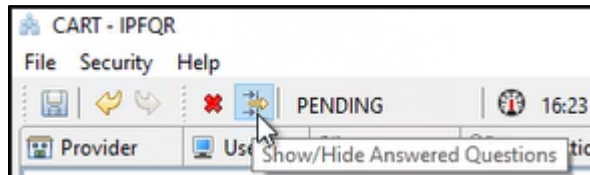
Notice that the status column in the Measures section is blank because the abstraction process has not begun for the SUB measure set.



# Abstracting in the IPF Module of CART

While abstracting, you have the option to show or hide answered questions.

- Blue highlighted hides.
- Non-highlighted shows answered questions.



# Abstracting in the IPF Module of CART

For Question #1, select Enable/Disable Questions Appropriately if you want the tool to skip questions that are not applicable to the abstraction based on answers provided.

- For example, if you select “Day 0 or 1...” for the COMFORTMX question (#10), then the tool will skip the next five questions, prompting you to enter the first physician identifier (optional).

1. Would you like the questions to be enabled or disabled appropriately per the measure algorithms, or do you want all questions enabled? (SKIPPATTERN)

Enable/disable questions appropriately

Enable all questions

If you select Enable All Questions, then you will have the option to answer all questions.

# Abstracting in the IPF Module of CART

Skip logic example:  
When the “Day 0 or 1” value is selected for the *Comfort Measures Only* data element, the subsequent questions will automatically become greyed out. This leaves only the optional physician identifier questions to answer.

10. When is the earliest physician/APN/PA documentation of comfort measures only? (COMFORTMX)

Day 0 or 1: The earliest day the physician/APN/PA documented comfort measures only was the day of arrival (Day 0) or day after arrival (Day 1).

Day 2 or after: The earliest day the physician/APN/PA documented comfort measures only was two or more days after arrival day (Day 2+).

Timing unclear: There is physician/APN/PA documentation of comfort measures only during this hospital stay, but whether the earliest documentation of comfort measures only was on day 0 or 1 OR after day 1 is unclear.

Not Documented/UTD: There is no physician/APN/PA documentation of comfort measures only, or unable to determine from medical record documentation.

11. What is the patient's alcohol use status? (ALCSTATUS)

The patient was screened with a validated tool within the first day of admission (by end of Day 1) and the score on the alcohol screen indicates no or low risk of alcohol related problems.

The patient was screened with a validated tool within the first day of admission (by end of Day 1) and the score on the alcohol screen indicates unhealthy alcohol use (moderate or high risk) benefiting from brief intervention.

The patient was screened with a non-validated tool within the first day of admission (by end of Day 1) and the score on the alcohol screen indicates no or low risk of alcohol related problems.

The patient was screened with a non-validated tool within the first day of admission (by end of Day 1) and the score on the alcohol screen indicates unhealthy alcohol use (moderate or high risk) benefiting from brief intervention.

The patient refused the screen for alcohol use within the first day of admission (by end of Day 1).

The patient was not screened for alcohol use within the first day of admission (by end of Day 1) or unable to determine from medical record documentation.

The patient was not screened for alcohol use within the first day of admission (by end of Day 1) because of cognitive impairment.

12. Did patients with a positive screening result for unhealthy alcohol use or alcohol use disorder (abuse or dependence) receive a brief intervention prior to discharge? (BRFINVTN)

The patient received the components of a brief intervention

The patient refused/declined the brief intervention

Brief counseling was not offered to the patient during the hospital stay or Unable to Determine (UTD) if a brief intervention was provided from medical record documentation

13. What was the patient's discharge disposition on the day of discharge? (DISCHGDISP)

Home

Hospice - Home

Hospice - Health Care Facility

Acute Care Facility

Other Health Care Facility

Expired

Left Against Medical Advice/AMA

Not Documented or Unable to Determine (UTD)

14. Was a referral for addiction(s) treatment made for the patient prior to discharge? (REFADDDO)

The referral to addiction(s) treatment was made by the healthcare provider or health care organization at any time prior to discharge.

Referral information was given to the patient at discharge, but the appointment was not made by the provider or health care organization prior to discharge.

The patient refused the referral for addiction(s) treatment and the referral was not made.

The patient is being discharged to a residence outside the USA, is released to a court hearing and does not return, or is being discharged to jail/law enforcement

A referral for addiction(s) treatment was not offered anytime prior to discharge or Unable to Determine (UTD) from the medical record documentation.

15. Was one of the FDA approved medications for alcohol or drug disorder prescribed at discharge? (RXALCDRGMED)

A prescription for an FDA-approved medication for alcohol or drug disorder was given to the patient at discharge

A prescription for an FDA-approved medication for alcohol or drug disorder was offered at discharge and the patient refused

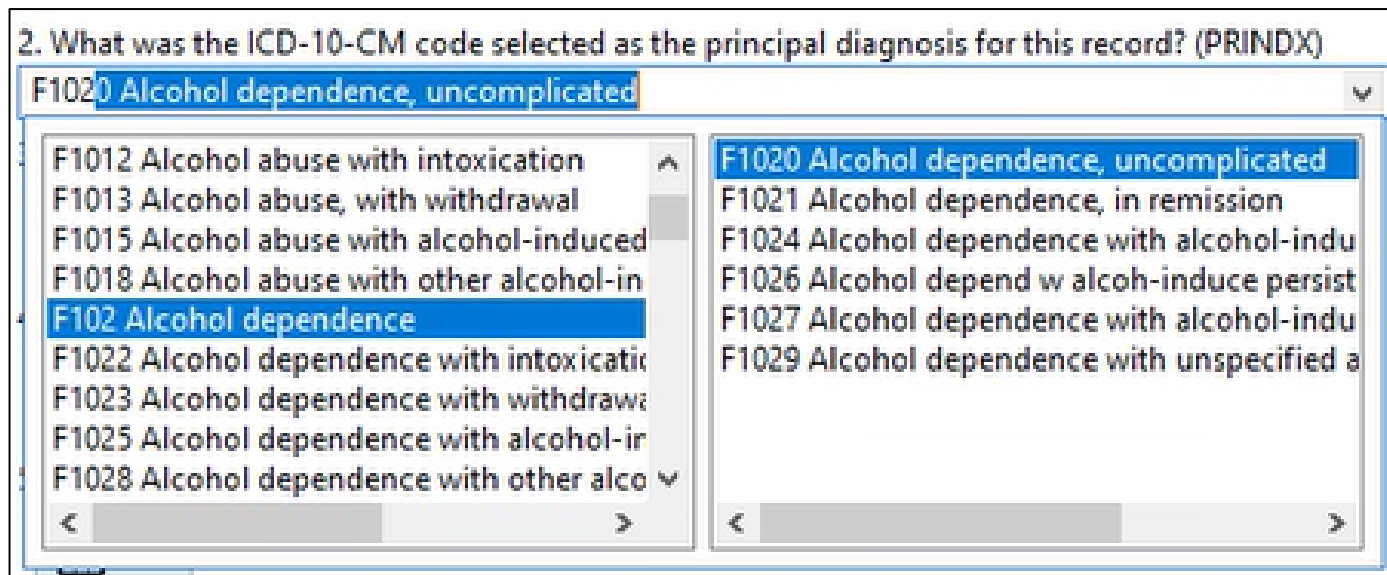
The patient is being discharged to a residence outside the USA, is released to a court hearing and does not return, or is being discharged to jail/law enforcement

A prescription for an FDA-approved medication for alcohol or drug disorder was not offered at discharge; or unable to determine from medical record documentation


16. What is the first physician identifier? (PHYSICIAN\_1)

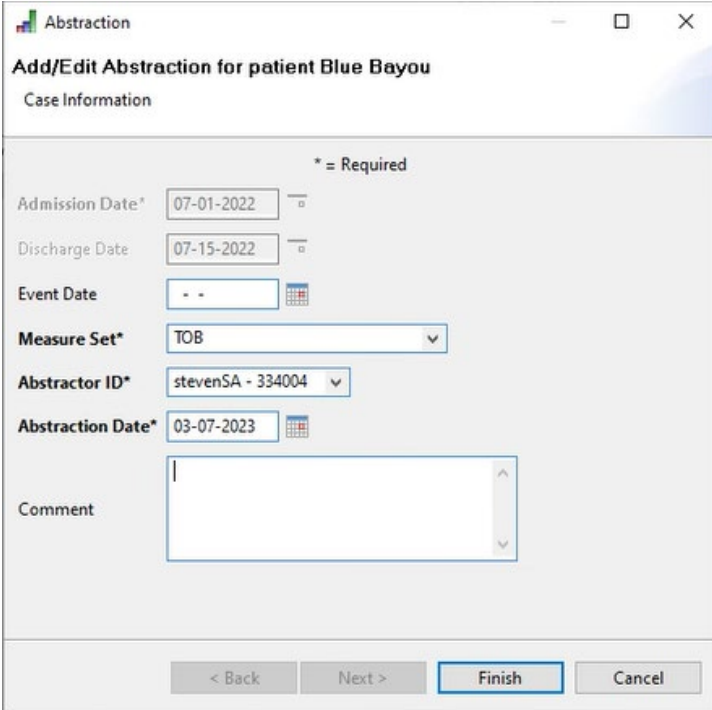
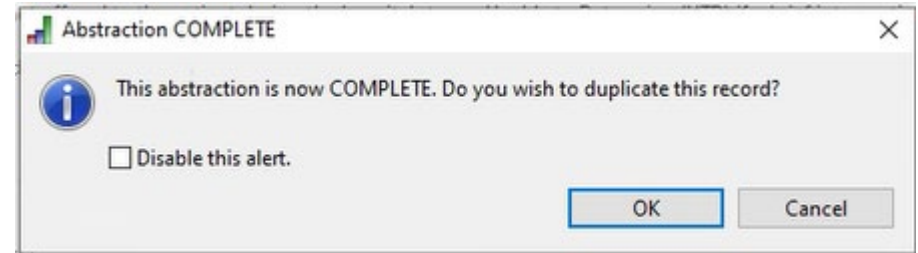
# Abstracting in the IPF Module of CART

For question #2, as you begin typing an ICD-10-CM code for the *Principal Diagnosis* data element, a list of codes will appear. If you highlight a category, the sub-categories of codes will appear in a window to the right.



# Abstracting in the IPF Module of CART

After you complete the abstraction, click the Save button. The following window appears, giving you the option to duplicate the record for abstraction of another measure set. 



If you are abstracting another measure set for the same patient, click OK. The following window appears.

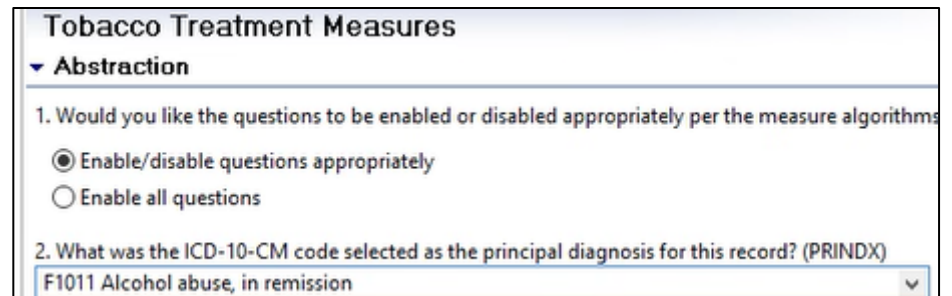
After updating the required fields, click the tab key. The Finish button appears. Click on Finish to open the abstraction tab for the next measure set.





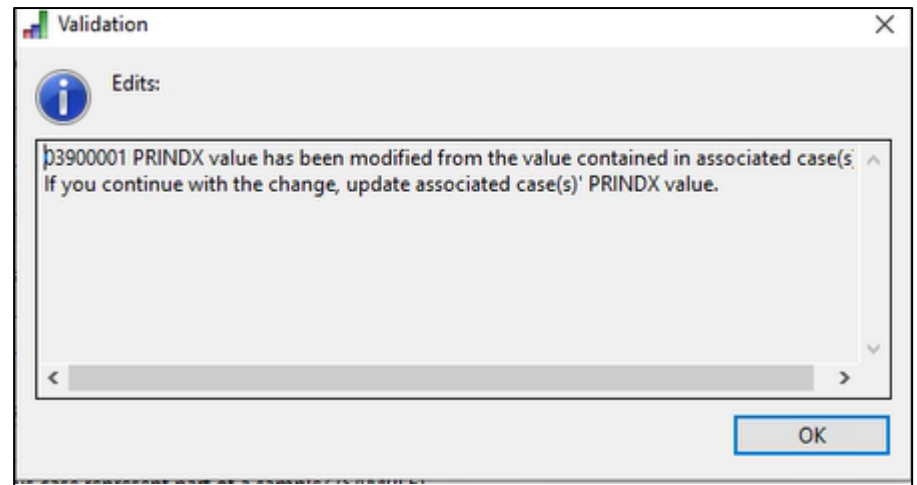
# Abstracting in the IPF Module of CART

When abstracting for question #2, any ICD-10-CM code for the *PRINDX* data element that is different from a prior code (for prior measure set abstraction for the same patient during the same IPF stay) takes you to a validation window, prompting you to update the *PRINDX* value in associated cases.



The screenshot shows a window titled "Tobacco Treatment Measures" with a section for "Abstraction". It contains two questions:

1. Would you like the questions to be enabled or disabled appropriately per the measure algorithms?
  - Enable/disable questions appropriately
  - Enable all questions
2. What was the ICD-10-CM code selected as the principal diagnosis for this record? (PRINDX)  
F1011 Alcohol abuse, in remission



The screenshot shows a "Validation" dialog box with an information icon and the text:

Edits:

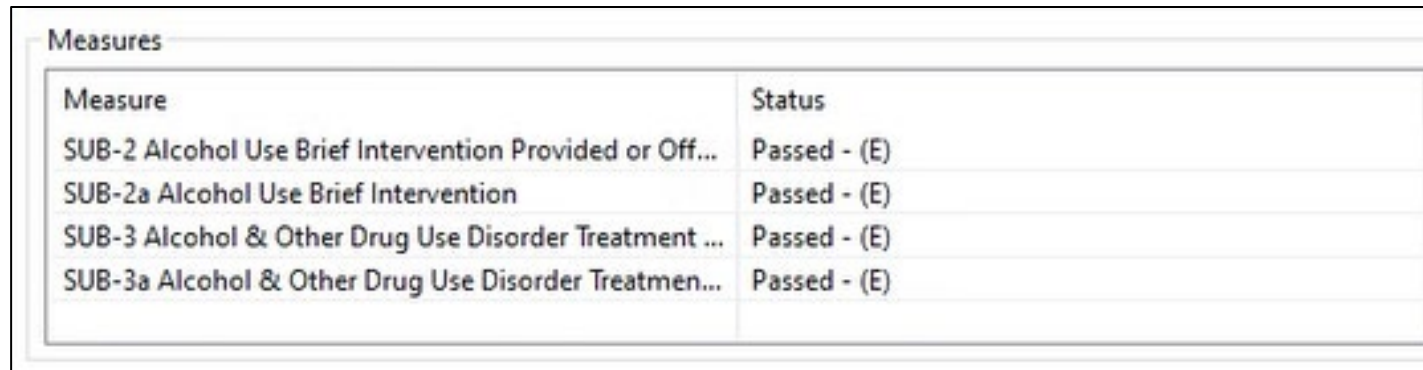
d3900001 PRINDX value has been modified from the value contained in associated case(s). If you continue with the change, update associated case(s)' PRINDX value.

OK



# Abstracting in the IPF Module of CART

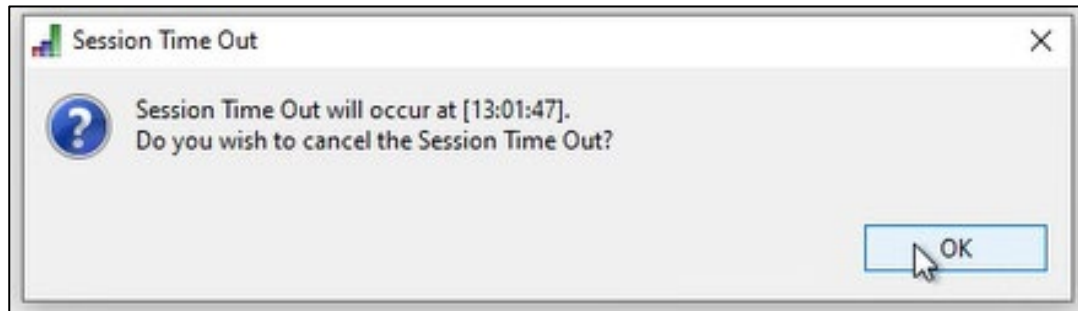
After you save the abstraction click on the Patient Details tab to view the status of the abstraction. The image below shows that the case passed the SUB-2, -2a, -3, and -3a abstractions.



Measure	Status
SUB-2 Alcohol Use Brief Intervention Provided or Off...	Passed - (E)
SUB-2a Alcohol Use Brief Intervention	Passed - (E)
SUB-3 Alcohol & Other Drug Use Disorder Treatment ...	Passed - (E)
SUB-3a Alcohol & Other Drug Use Disorder Treatmen...	Passed - (E)

# Abstracting in the IPF Module of CART: Time Out Message

Note that your session will time out after a set period, and you will receive a warning window.



# Abstracting in the IPF Module of CART

Remember! Save your work as you go!

- If you click the Save button before you complete the abstraction, then the tool will retain the most current information entered. You can search the record to continue abstraction later.
- If you step away from your computer and forget to save your work, then you may be logged out and your most recent work will not be retrievable.

# Abstracting in the IPF Module of CART

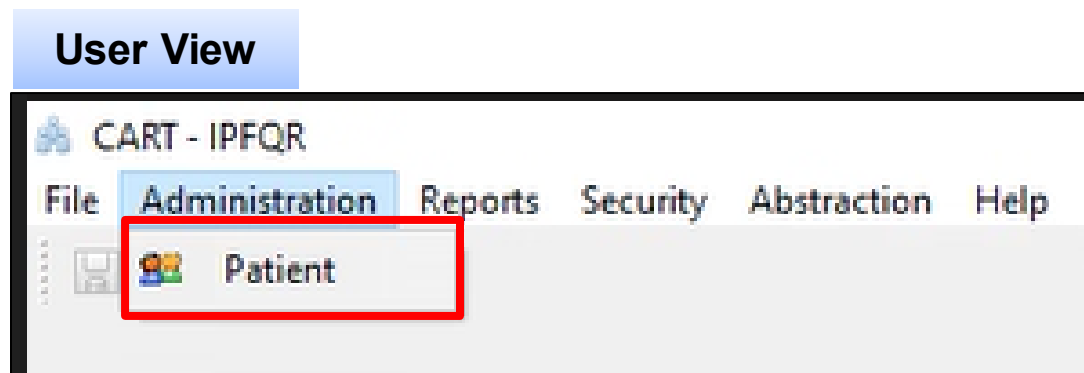
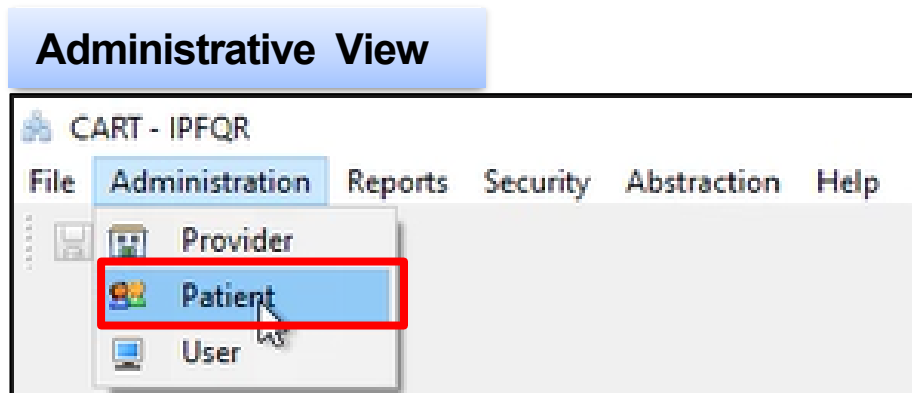
There are two options to open an abstraction in progress (an abstraction that you started but do not complete):

- Option 1: Search by Patient Name
- Option 2: Search by Key Criteria

# Abstracting in the IPF Module of CART

## Option 1: Search by Patient Name

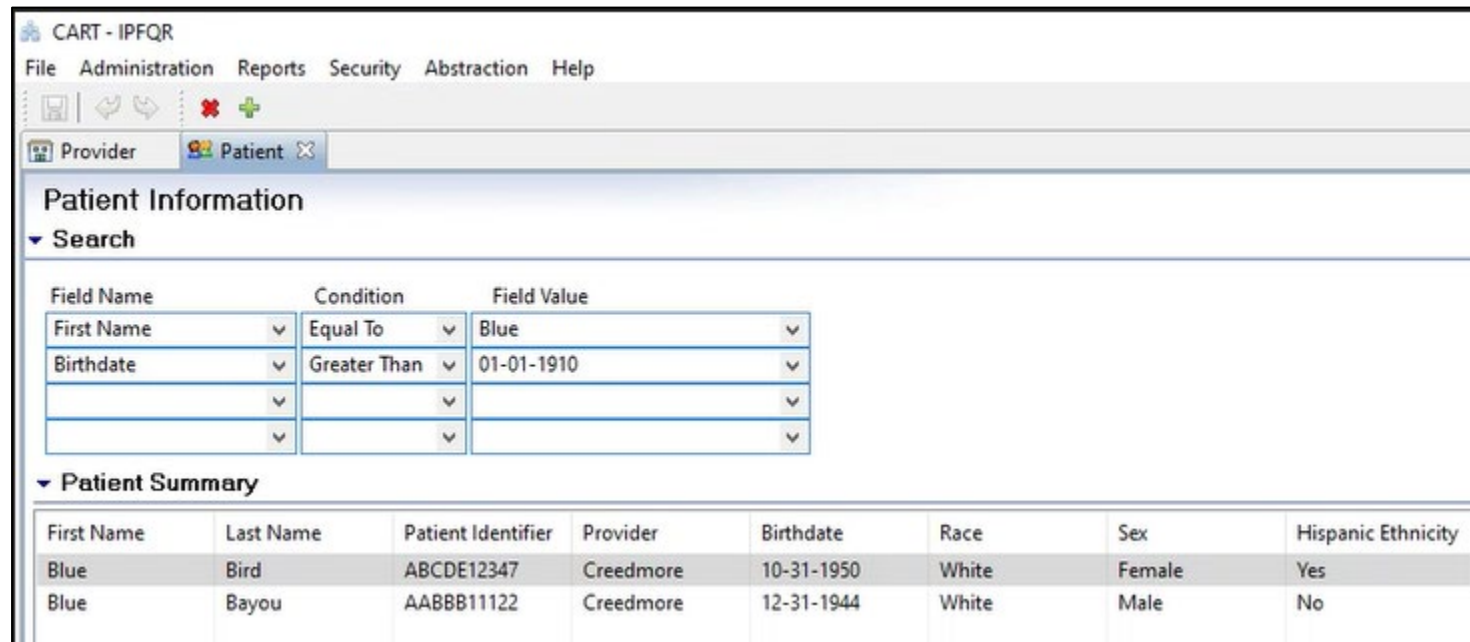
Click Administration in the top menu. Then, select Patient.



# Abstracting in the IPF Module of CART

## Option 1: Search by Patient Name

Next, enter information into the Patient Information Search fields using guidance described in slides 38–40.



CART - IPFQR

File Administration Reports Security Abstraction Help

Provider Patient

### Patient Information

▼ Search

Field Name	Condition	Field Value
First Name	Equal To	Blue
Birthdate	Greater Than	01-01-1910

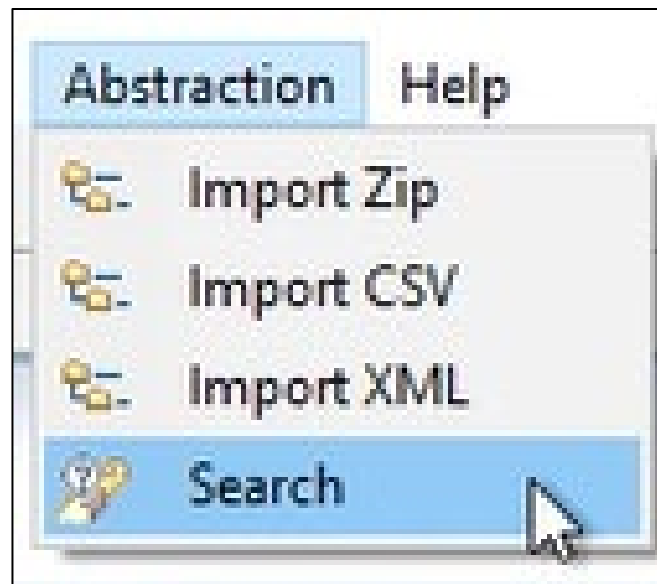
▼ Patient Summary

First Name	Last Name	Patient Identifier	Provider	Birthdate	Race	Sex	Hispanic Ethnicity
Blue	Bird	ABCDE12347	Creedmore	10-31-1950	White	Female	Yes
Blue	Bayou	AABBB11122	Creedmore	12-31-1944	White	Male	No

# Abstracting in the IPF Module of CART

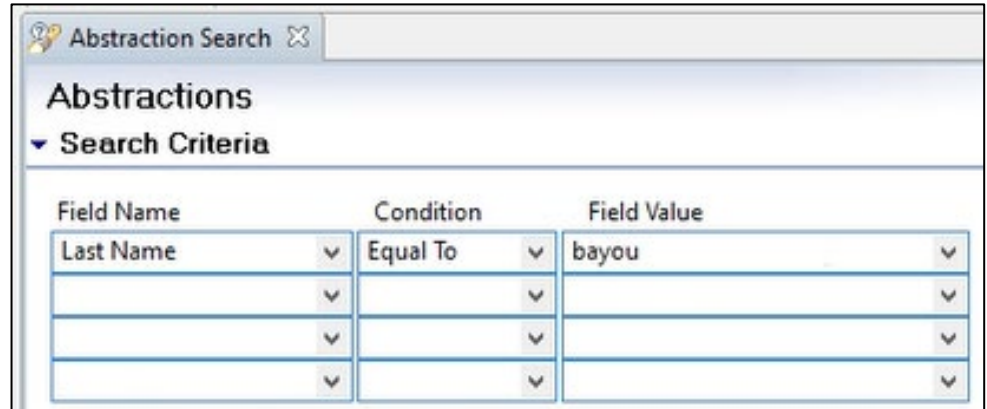
## Option 2: Search by Key Criteria

Click Abstraction in the top menu and select Search.



# Abstracting in the IPF Module of CART

Enter key information about the case in the Search Criteria fields.



The screenshot shows a window titled "Abstraction Search" with a search criteria table. The table has three columns: "Field Name", "Condition", and "Field Value". The first row is populated with "Last Name", "Equal To", and "bayou". There are three empty rows below it.

Field Name	Condition	Field Value
Last Name	Equal To	bayou

Click Search and the incomplete case will appear below the search criteria with an Abstraction Status of PENDING.

First Name	Last Name	Patient Identifier	Admission Date	Discharge Date	Event Date	Measure Set	Abstraction Status	Provider	Abstructor ID	Abstraction Date	Export Date
Blue	Bayou	AABBB11122	07-01-2022	07-15-2022		SUB	COMPLETE	Creedmore	stevenSA	03-07-2023	
Blue	Bayou	AABBB11122	07-01-2022	07-15-2022		TOB	COMPLETE	Creedmore	stevenSA	03-07-2023	
Blue	Bayou	AABBB11122	07-01-2022	07-15-2022		SMD	PENDING	Creedmore	stevenSA	03-07-2023	



# Abstracting in the IPF Module of CART

Click on the case that you want to complete.

The screenshot shows a web application window titled 'Abstraction Search'. It features a search criteria section with a table for defining search conditions. Below this is a table of search results. At the bottom of the window, there are several action buttons.

Field Name	Condition	Field Value
Last Name	Equal To	Bayou

First Name	Last Name	Patient Identifier	Admission Date	Discharge Date	Event Date	Measure Set	Abstraction Status	Provider	Abstractor ID	Abstraction Date	Export Date
Blue	Bayou	AABBB1122	07-01-2022	07-15-2022		SUB	PENDING	Creedmore	stevenSA	03-03-2023	

Buttons at the bottom: Edit Abstraction Information, Edit Abstraction, Duplicate Case, Export, Delete Abstraction.

Click Edit Abstraction at the bottom of the page to continue the abstraction process.

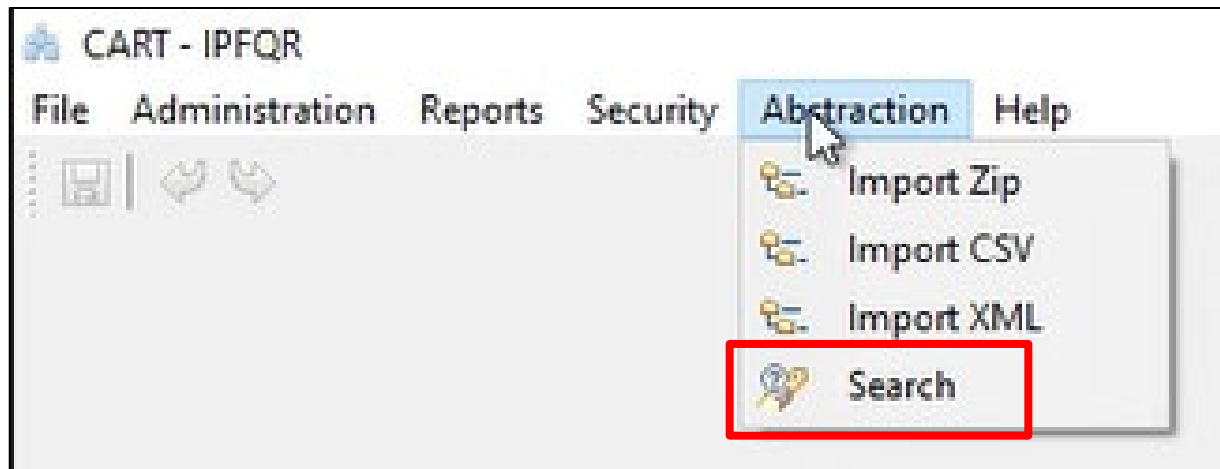


Navigating the IPF Module in the  
CMS Abstraction & Reporting Tool (CART)

## **Export XML Files from CART**

# Export XML Files from CART

In the top menu, click Abstraction then Search.



# Export XML Files from CART

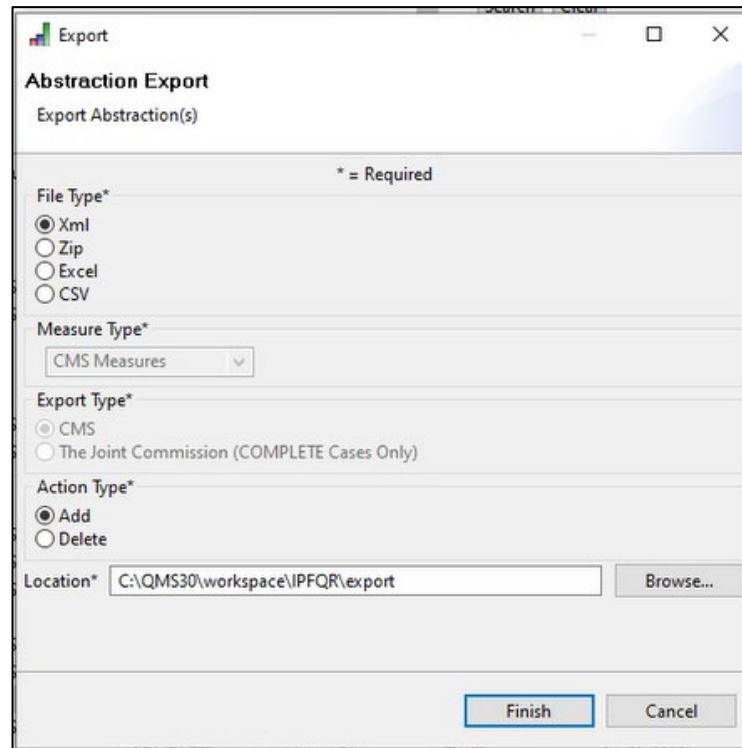
Click the Search button on the next window and all abstractions will appear. You may choose to narrow the search for a specific abstraction by entering information in the Search Criteria fields.

The screenshot shows the 'Abstraction Search' window in the CART - IPFQR application. The window has a menu bar (File, Administration, Reports, Security, Abstraction, Help) and a toolbar with icons for search and refresh. Below the toolbar, there are tabs for 'Patient' and 'Abstraction Search'. The main area is titled 'Abstractions' and contains a 'Search Criteria' section with three rows of dropdown menus for 'Field Name', 'Condition', and 'Field Value'. To the right of these fields are 'Search' and 'Clear' buttons, and a pagination control showing '(1 - 31) of 31'. Below the search criteria is a table of abstraction results with the following columns: First Name, Last Name, Patient Identifier, Admission Date, Discharge Date, Event Date, Measure Set, Abstraction Status, Provider, Abstraction ID, Abstraction Date, and Export Date.

First Name	Last Name	Patient Identifier	Admission Date	Discharge Date	Event Date	Measure Set	Abstraction Status	Provider	Abstraction ID	Abstraction Date	Export Date
Bey	Once	498756912	07-07-2022	07-15-2022		IMM	COMPLETE	HCCA	TW65	11-02-2022	11-15-2022
Bey	Once	498756912	12-30-2021	01-03-2022		IMM	COMPLETE	HCCA	TW65	06-30-2023	06-30-2023
Bey	Once	498756912	10-14-2022	10-18-2022		SMD	PENDING	HCCA	TW65	11-03-2022	
Bey	Once	498756912	10-02-2022	10-06-2022		HBIPS-DSC	COMPLETE	HCCA	TW65	11-14-2022	
Bey	Once	498756912	11-10-2022	11-15-2022	11-10-2022	HBIPS-EVT	COMPLETE	HCCA	TW65	06-30-2023	
Bey	Once	498756912	11-02-2022	11-05-2022		IMM	PENDING	HCCA	TW65	11-22-2022	
Bugs	Bunny	234078935	09-15-2022	09-18-2022		IMM	COMPLETE	Neuro Diag	TW65	11-02-2022	
Bugs	Bunny	234078935	09-15-2022	09-18-2022		SMD	COMPLETE	Neuro Diag	TW65	11-02-2022	
Bugs	Bunny	234078935	10-03-2022	10-06-2022	10-03-2022	HBIPS-DSC	PENDING	Neuro Diag	TW65	11-02-2022	
Bugs	Bunny	234078935	10-03-2022	10-07-2022	10-03-2022	HBIPS-EVT	EDIT_ERRORS	Neuro Diag	TW65	11-02-2022	
Bugs	Bunny	234078935	10-09-2022	10-11-2022		IMM	PENDING	Neuro Diag	TW65	11-03-2022	
Bugs	Bunny	234078935	11-01-2022	11-03-2022		IMM	PENDING	Neuro Diag	TW65	11-14-2022	
Bugs	Bunny	234078935	10-22-2022	10-25-2022	10-22-2022	HBIPS-EVT	COMPLETE	Neuro Diag	TW65	06-30-2023	06-30-2023
Bugs	Bunny	234078935	10-22-2022	10-25-2022	10-22-2022	HBIPS-EVT	COMPLETE	Neuro Diag	TW65	06-30-2023	06-30-2023
Daffy	Duck	164278304	10-12-2022	10-16-2022	10-12-2022	HBIPS-DSC	COMPLETE	HCCA	TW65	11-03-2022	02-10-2023
Daffy	Duck	164278304	09-18-2022	09-21-2022		IMM	PENDING	HCCA	TW65	11-10-2022	06-30-2023

# Export XML Files from CART

After you highlight the case that you want to export into an XML file, click the Export button, and the Abstraction Export window will appear.



# Export XML Files from CART

The following default selections will appear:

- File Type: Xml
- Measure Type: CMS Measures
- Export Type: CMS
- Action Type: Add

In the Location field, click Browse... to select where the computer will save your files. Otherwise, it will default to an export folder associated with the CART installation, as shown here. Click on Finish.

The screenshot shows the 'Export' dialog box with the following settings:

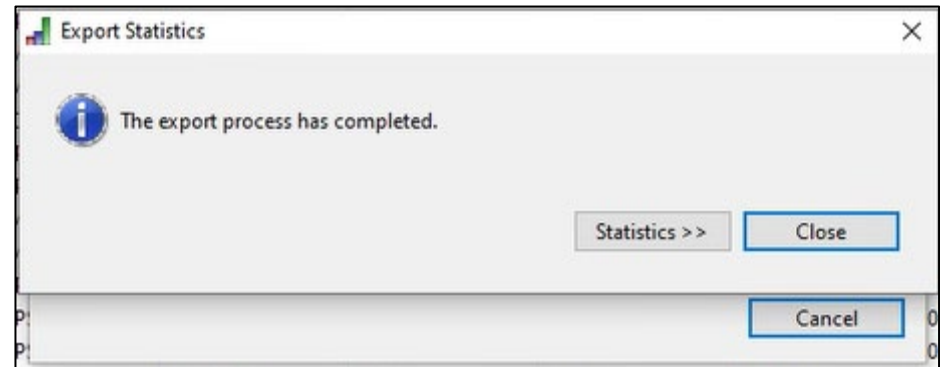
- File Type\*:** Xml (selected)
- Measure Type\*:** CMS Measures
- Export Type\*:** CMS
- Action Type\*:** Add
- Location\*:** C:\QMS30\workspace\IPFQR\export

# Export XML Files from CART

After you click Finish, two windows will appear:

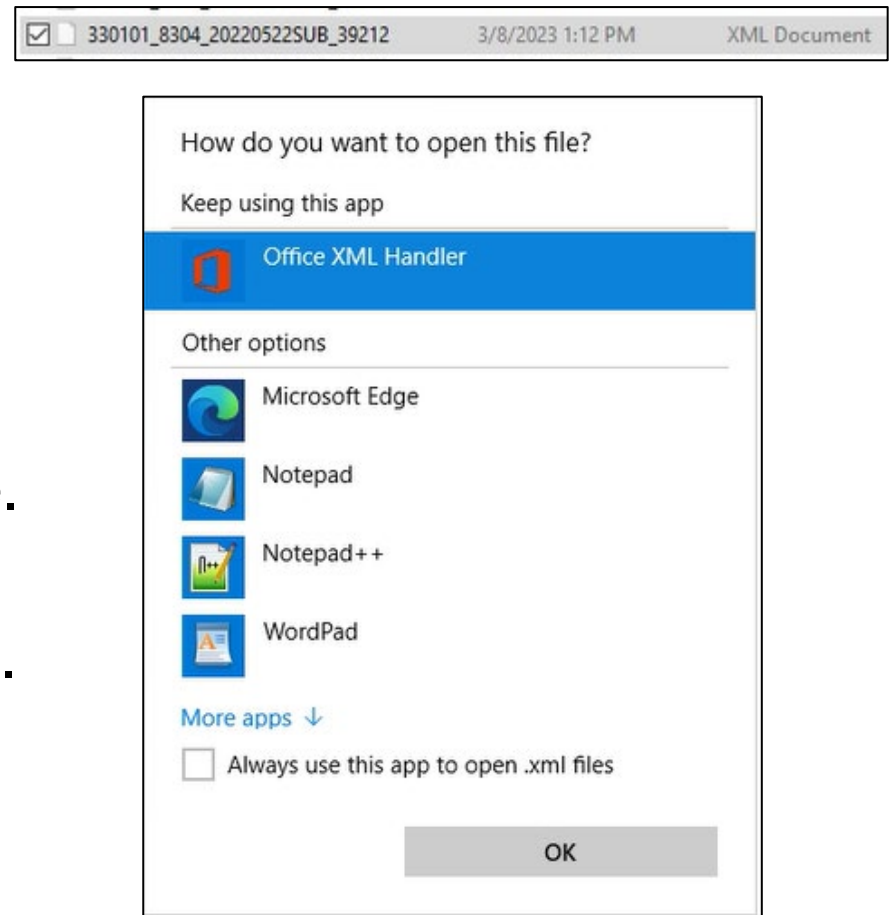
- Export Statistics appears on top to indicate that the export process is complete.
- The second window shows the number of cases abstracted (1) and the name of the file.

Both windows go away when you click Close in the Export Statistics window.



# Export XML Files from CART

- Go to the folder where the XML file is saved.
- Double-click on the file and you will be prompted to select an application to use.
- Select Notepad or Notepad + + and click the OK button.





# Export XML Files from CART

This is an example of an XML file in Notepad.

```
330101_8304_20220522SUB_39212 - Notepad
File Edit Format View Help
<?xml version="1.0" encoding="UTF-8"?>
<submission action-code="ADD" data="CLINICAL" type="IPF" version="1.0">
  <file-audit-data>
    <create-date>06-30-2023</create-date>
    <create-time>00:00</create-time>
    <create-by>TW65</create-by>
    <version>2.2.0</version>
    <create-by-tool>CART - IPFQR 2.2.0</create-by-tool>
  </file-audit-data>
  <abstraction-audit-data>
    <abstraction-date>06-30-2023</abstraction-date>
    <abstractor-id>TW65</abstractor-id>
    <total-abstraction-time>125</total-abstraction-time>
    <comment></comment>
  </abstraction-audit-data>
  <provider>
    <provider-id>330101</provider-id>
    <patient>
      <first-name>Daffy</first-name>
      <last-name>Duck</last-name>
      <birthdate>11-15-1950</birthdate>
      <sex>M</sex>
      <race>2</race>
      <ethnic>Y</ethnic>
      <postal-code>30339</postal-code>
      <episode-of-care measure-set="SUB">
        <admit-date>05-22-2022</admit-date>
        <discharge-date>05-24-2022</discharge-date>
        <patient-id>164278304</patient-id>
        <detail answer-code="F1010" question-cd="PRINDX" row-number="0"/>
        <detail answer-code="1" question-cd="PMTSRCE" row-number="0"/>
        <detail answer-code="Y" question-cd="SAMPLE" row-number="0"/>
        <detail answer-code="Y" question-cd="PSYCHSETNG" row-number="0"/>
        <detail answer-code="4" question-cd="COMFORTMX" row-number="0"/>
        <detail answer-code="2" question-cd="ALCSTATUS" row-number="0"/>
        <detail answer-code="1" question-cd="BRFINTVTN" row-number="0"/>
        <detail answer-code="1" question-cd="DISCHGDISP" row-number="0"/>
        <detail answer-code="1" question-cd="REFADDTX" row-number="0"/>
        <detail answer-code="1" question-cd="RXALCDRGMED" row-number="0"/>
      </episode-of-care>
    </patient>
  </provider>
</submission>
```

# Export XML Files from CART

This is an example of an XML file viewed in Notepad ++.



```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <submission action-code="ADD" data="CLINICAL" type="IPF" version="1.0">
3   <file-audit-data>
4     <create-date>06-30-2023</create-date>
5     <create-time>00:00</create-time>
6     <create-by>TW65</create-by>
7     <version>2.2.0</version>
8     <create-by-tool>CART - IPFQR 2.2.0</create-by-tool>
9   </file-audit-data>
10  <abstraction-audit-data>
11    <abstraction-date>06-30-2023</abstraction-date>
12    <abstractor-id>TW65</abstractor-id>
13    <total-abstraction-time>125</total-abstraction-time>
14    <comment></comment>
15  </abstraction-audit-data>
16  <provider>
17    <provider-id>330101</provider-id>
18    <patient>
19      <first-name>Daffy</first-name>
20      <last-name>Duck</last-name>
21      <birthdate>11-15-1950</birthdate>
22      <sex>M</sex>
23      <race>2</race>
24      <ethnic>Y</ethnic>
25      <postal-code>30339</postal-code>
26      <episode-of-care measure-set="SUB">
27        <admit-date>05-22-2022</admit-date>
28        <discharge-date>05-24-2022</discharge-date>
29        <patient-id>164278304</patient-id>
30        <detail answer-code="F1010" question-cd="PRINDX" row-number="0"/>
31        <detail answer-code="1" question-cd="PMTSRCE" row-number="0"/>
32        <detail answer-code="Y" question-cd="SAMPLE" row-number="0"/>
33        <detail answer-code="Y" question-cd="PSYCHSETNG" row-number="0"/>
34        <detail answer-code="4" question-cd="COMFORTMX" row-number="0"/>
35        <detail answer-code="2" question-cd="ALCSTATUS" row-number="0"/>
36        <detail answer-code="1" question-cd="BRFINTVTN" row-number="0"/>
37        <detail answer-code="1" question-cd="DISCHGDISP" row-number="0"/>
38        <detail answer-code="1" question-cd="REFADDTX" row-number="0"/>
39        <detail answer-code="1" question-cd="RXALCDRGMED" row-number="0"/>
40      </episode-of-care>
41    </patient>
42  </provider>
43 </submission>
44
```

# Export XML Files from CART

To export multiple cases at once, use your mouse and the Ctrl key to select the files you wish to export.

The screenshot shows the 'Abstractions' section of the CART - IPFOR application. It includes a search criteria table and a main data table with columns for patient information, dates, and abstraction details.

Field Name	Condition	Field Value

First Name	Last Name	Patient Identifier	Admission Date	Discharge Date	Event Date	Measure Set	Abstraction Status	Provider	Abstractor ID	Abstraction Date	Export Date
Ray	Once	488756812	07-07-2022	07-15-2022		IBM	COMPLETE	HCCA	TW85	11-02-2022	11-15-2022
Ray	Once	488756812	12-30-2021	01-09-2022		IBM	COMPLETE	HCCA	TW85	06-30-2023	06-30-2023
Ray	Once	488756812	10-14-2022	10-18-2022		SMD	PENDING	HCCA	TW85	11-02-2022	
Ray	Once	488756812	10-02-2022	10-06-2022		HRPS-DSC	COMPLETE	HCCA	TW85	11-14-2022	
Ray	Once	488756812	11-10-2022	11-15-2022	11-10-2022	HRPS-EVT	COMPLETE	HCCA	TW85	06-30-2023	
Ray	Once	488756812	11-02-2022	11-05-2022		IBM	PENDING	HCCA	TW85	11-22-2022	
Eugs	Bunny	234078835	09-15-2022	09-18-2022		IBM	COMPLETE	Neuro Diag	TW85	11-02-2022	
Eugs	Bunny	234078835	09-15-2022	09-18-2022		SMD	COMPLETE	Neuro Diag	TW85	11-02-2022	
Eugs	Bunny	234078835	10-01-2022	10-06-2022	10-09-2022	HRPS-DSC	PENDING	Neuro Diag	TW85	11-02-2022	
Eugs	Bunny	234078835	10-09-2022	10-07-2022	10-09-2022	HRPS-EVT	EDIT_ERRORS	Neuro Diag	TW85	11-02-2022	
Eugs	Bunny	234078835	10-09-2022	10-11-2022		IBM	PENDING	Neuro Diag	TW85	11-02-2022	
Eugs	Bunny	234078835	11-01-2022	11-03-2022		IBM	PENDING	Neuro Diag	TW85	11-14-2022	
Eugs	Bunny	234078835	10-27-2022	10-25-2022	10-22-2022	HRPS-EVT	COMPLETE	Neuro Diag	TW85	06-30-2023	06-30-2023
Eugs	Bunny	234078835	10-22-2022	10-25-2022	10-22-2022	HRPS-EVT	COMPLETE	Neuro Diag	TW85	06-30-2023	06-30-2023
Duffy	Dack	164278304	10-10-2022	10-16-2022	10-12-2022	HRPS-DSC	COMPLETE	HCCA	TW85	11-02-2022	02-10-2023
Duffy	Dack	164278304	09-10-2022	09-21-2022		IBM	PENDING	HCCA	TW85	11-10-2022	06-30-2023
Duffy	Dack	164278304	11-10-2022	11-15-2022	11-12-2022	HRPS-EVT	COMPLETE	HCCA	TW85	06-30-2023	06-30-2023
Duffy	Dack	164278304	11-10-2022	11-15-2022	11-12-2022	HRPS-EVT	COMPLETE	HCCA	TW85	06-30-2023	06-30-2023
Duffy	Dack	164278304	09-22-2022	09-24-2022		SLB	COMPLETE	HCCA	TW85	06-30-2023	06-30-2023
Labronn	Jameness	965489352	10-02-2022	10-06-2022	10-02-2022	HRPS-DSC	COMPLETE	Neuro Diag	TW85	11-01-2022	11-15-2022
Labronn	Jameness	965489352	10-10-2022	10-22-2022		SLB	COMPLETE	Neuro Diag	TW85	11-02-2022	
Labronn	Jameness	965489352	10-10-2022	10-17-2022	10-12-2022	HRPS-EVT	COMPLETE	Neuro Diag	TW85	11-02-2022	
Labronn	Jameness	965489352	10-06-2022	10-08-2022	10-06-2022	HRPS-EVT	COMPLETE	Neuro Diag	TW85	11-14-2022	
Labronn	Jameness	965489352	10-11-2022	10-15-2022	10-11-2022	HRPS-EVT	COMPLETE	Neuro Diag	TW85	12-21-2022	06-30-2023
Labronn	Jameness	965489352	10-11-2022	10-15-2022	10-11-2022	HRPS-EVT	COMPLETE	Neuro Diag	TW85	12-21-2022	06-30-2023
Pink	Floyd	385601294	10-09-2022	10-06-2022		SMD	COMPLETE	Wellstar Health ...	TW85	11-22-2022	
Pink	Floyd	385601294	11-05-2022	11-10-2022		IBM	PENDING	Wellstar Health ...	TW85	11-22-2022	
Pink	Floyd	385601294	11-05-2022	11-10-2022		YCB	PENDING	Wellstar Health ...	TW85	11-22-2022	
Pink	Floyd	385601294	11-05-2022	11-10-2022		TR	COMPLETE	Wellstar Health ...	TW85	11-22-2022	
Ruedy	Huestable	883828403	10-02-2022	10-05-2022		SMD	PENDING	Adventist Health ...	TW85	02-22-2023	
Ruedy	Huestable	883828403	11-01-2022	11-04-2022		SMD	COMPLETE	Adventist Health ...	TW85	11-22-2022	

# Export XML Files from CART

Export multiple cases as individual XML files.

Edit Abstraction Information

Edit Abstraction

Duplicate Case

Export

The screenshot shows the 'Export' dialog box with the following settings:

- File Type\***:  Xml,  Zip,  Excel,  CSV
- Measure Type\***: CMS Measures
- Export Type\***:  CMS,  The Joint Commission (COMPLETE Cases Only)
- Action Type\***:  Add,  Delete
- Location\***: C:\QMS30\workspace\IPFQR\export

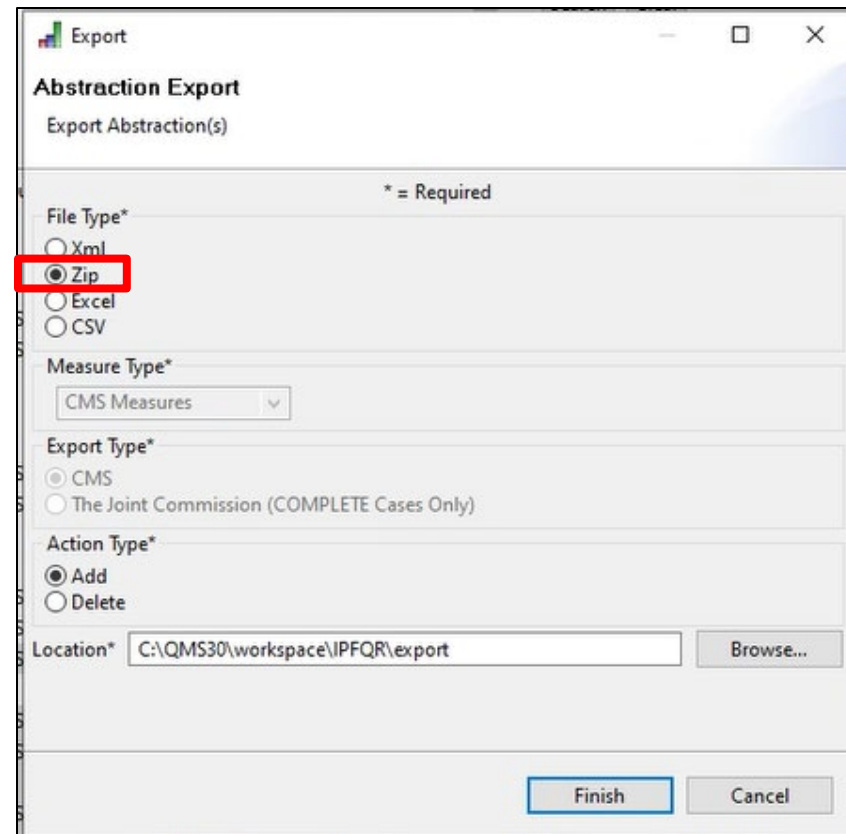
Buttons: Finish, Cancel

The screenshot shows the 'Progress Information' dialog box with the following content:

- Icon: Information (i)
- Text: Exporting Abstraction(s)
- Text: Exporting abstraction (10) 330101\_8304\_20220522SUB\_38065.xml

# Export XML Files from CART

If you prefer to save the XML files into a ZIP folder, make sure to select Zip under File Type before you click the Finish button. Then, you will find a ZIP folder in the selected location.



03082023\_012538

Navigating the IPF Module in the  
CMS Abstraction & Reporting Tool (CART)

## **Running Reports in CART**

# Running Reports in CART

## Abstraction Detail

The Abstraction Detail Report lists the questions, answers, comments, and abstractor name for an abstraction. It is based on abstractions with a status of Complete, Pending, or Edit\_Errors and only includes questions that were answered in the abstraction.

Report Run Date: 10-04-2022 Page: 1 of 1

**Abstraction Detail – IPFQR**  
Provider: Test Hospital - 123456  
Discharge Date Range: 01-01-2022 - 02-01-2022  
Measure Set: IMM  
Patient Identifier: 123abc5

First Name	Last Name	Admission Date	Discharge Date	Event Date	Status	Sex	Race	Birthdate	Hispanic Ethnicity
Taylor	Swift	01-10-2022	01-21-2022		COMPLETE	Female	White	12-13-1989	No

Abstractor: Colleen Toby

**Abstraction**

Would you like the questions to be enabled or disabled appropriately per the measure	Enable/disable questions appropriately
ICD-10-CM Principal Diagnosis Code	F0630
Payment Source	Source of payment is Medicare
Postal Code	50310
Sample	The data represents part of a sample.
Psychiatric Care Setting	The patient received care in an inpatient psychiatric setting.
Discharge Disposition	Home
Influenza Vaccination Status	Influenza vaccine was given during this hospitalization.

Comment:

# Running Reports in CART

## Case Listing by Unique ID

The Case Listing by Unique ID Report lists patient cases abstracted during the requested timeframe and includes all abstraction status (If no data are available for the selected parameters, the report displays header information with the retrieval criteria entered by the user and no hospital data for the displayed columns.)

Report Run Date: 03-22-2023

Page: 1 of 1

### Case Listing by Unique ID – Hospital IPFQR

Provider: Test - 123456

Discharge Date Range: 01-01-2023 - 03-01-2023

Measure Set: HBIPS-DSC

Patient Identifier	Admission Date	Discharge Date	Event Date	Physician 1	Physician 2	Abstractor ID
jsmith1	01-01-2023	02-01-2023	null	joe		ctobtest1
jsmith2	01-02-2023	02-02-2023	null	joe		ctobtest1



# Running Reports in CART

## Measure Summary

The Measure Summary Report provides an aggregate count of category assignments (e.g., excluded, passed, failed, unable to calculate) for each measure by provider.

Report Run Date: 03-22-2023 Page: 1 of 1

**Measure Summary – IPFQR**  
Provider: Test - 123456  
Physician: ALL  
Discharge/Event Date Range: 01-01-2023 - 03-01-2023  
Measure Set: HBIPS-DSC

Measure	Excluded	Passed	Failed	Unable to Calculate
HBIPS-DSC				
HBIPS-5 Patients discharged on multiple antipsychotic medications with appropriate justification	0/2	0.0%	1/2	50.0%

**Legend:**

Measure Outcome calculation  
Excluded = B  
Passed = E  
Failed = D  
Unable to Calculate = Y

# Running Reports in CART

## Additional Reports Available in CART

- Measure Failure
- Measure Detail by Physician
- Measures

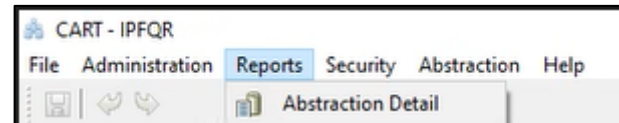
Refer to pages 59–71 of the [CMS Abstraction and Reporting Tool \(CART\) IPFQR Online Help Guide](#) for more details about these reports.

# Running Reports in CART

For an Abstraction Detail report, click Reports in the top menu, then select Abstraction Detail.

A window will appear with the Provider, Measure Set, Patient Identifier, Discharge Date range fields.

The Provider field will default to your IPF's CMS Certification Number (CCN), if you abstract for one IPF. If you abstract for more than one IPF, then you will need to select which IPF for the report.

A screenshot of the 'Abstraction Detail' dialog box. The dialog has a title bar with a close button (X). Below the title bar, there is a legend: '\* = Required Field'. The form contains several fields: 'Provider\*' (a dropdown menu), 'Measure Set\*' (a dropdown menu), 'Patient Identifier\*' (a text input field), and 'Discharge Date' (a section containing 'From\*' and 'To\*' date pickers). The 'From\*' and 'To\*' fields are currently empty, showing only dashes.A screenshot of the 'Abstraction Detail' dialog box with data entered. The 'Provider\*' dropdown is set to 'HCCA - 330101', 'Measure Set\*' is set to 'HBIPS-EVT', and 'Patient Identifier\*' contains the text '498756912'. The 'Discharge Date' section shows 'From\*' as '11-10-2022' and 'To\*' as '11-15-2022'. At the bottom of the dialog, there are 'OK' and 'Cancel' buttons.

# Running Reports in CART

Next, a Report Viewer window will appear.

The screenshot shows a 'Report Viewer' window with a toolbar at the top containing icons for save, print, back, forward, and search, along with a page indicator '1 of 1' and a zoom level of '100%'. The main content area displays the following report details:

Report Run Date: 03-16-2023 Page: 1 of 1

**Abstraction Detail – IPFQR**  
Provider: HCCA - 330101  
Discharge Date Range: 11-10-2022 - 11-15-2022  
Measure Set: HBIPS-EVT  
Patient Identifier: 498756912

First Name	Last Name	Admission Date	Discharge Date	Event Date	Status	Sex	Race	Birthdate	Hispanic Ethnicity
Boy	Once	11-10-2022	11-15-2022	11-10-2022	COMPLETE	Female	American Indian or Alaska Native	08-09-1955	No

Abstractor: Teenie Weenie

**Abstraction**

Enable/disable questions	Enable/disable questions appropriately
What was the ICD-10-CM code selected as the principal diagnosis for this record?	A400
Payment Source	Source of payment is Medicare
Postal Code	10005
Sample	The data represents part of a sample.
Psychiatric Care Setting	The patient received care in an inpatient psychiatric setting.
Event Type	Seclusion
Minutes of Seclusion	1
Comment:	

1 of 1

Abstraction Detail

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## **Uploading XML Files into the *HQR Secure Portal***

# Access and Log in to the HQR System

- The HQR system is the **only** CMS-approved method for submitting IPFQR Program data and the Data Accuracy and Completeness Acknowledgement (DACA).
- CMS **highly** recommends that all IPFs have **at least two people** with knowledge of the data to verify the accuracy of the data in the HQR system, even if a vendor enters the data.
- Refer to slides 14–18 in the [\*IPFQR Program: Keys to Successful FY 2023 Reporting\*](#) webinar for instructions to log in to the *HQR Secure Portal* during the July 1 – August 15 submission period.

# Test vs. Production Environment in the *HQR Secure Portal*

## Test Environment

- Ensure all data are accurate before uploading into the production environment.
- Validate vendor authorizations.
- Verify whether the XML file layout is correct.
- Review reasons for rejection (i.e., edit messages).
- Review measure set counts.

## Production Environment

- Upload clean, actual XML data files for submission to CMS.
- Data from these files will be used to calculate measure numerator, denominator, and rate values.
- **Only** data submitted into this environment will be submitted to CMS.


Refer to slides 19–34 of the [IPFQR Program: Patient Level Reporting](#) webinar for information about how to upload XML files and run reports in the *HQR Secure Portal*.

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## **Steps to Resolve Issues in CART**



# Troubleshooting

If the system becomes unresponsive, you may notice that you can't select options with your mouse or that you can't type text. You may also see the rolling blue circle. 

Contact the Center for Clinical Standards and Quality (CCSQ) Service Center by phone (866-288-8912) or email ([QNetSupport@cms.hhs.gov](mailto:QNetSupport@cms.hhs.gov)) for assistance.

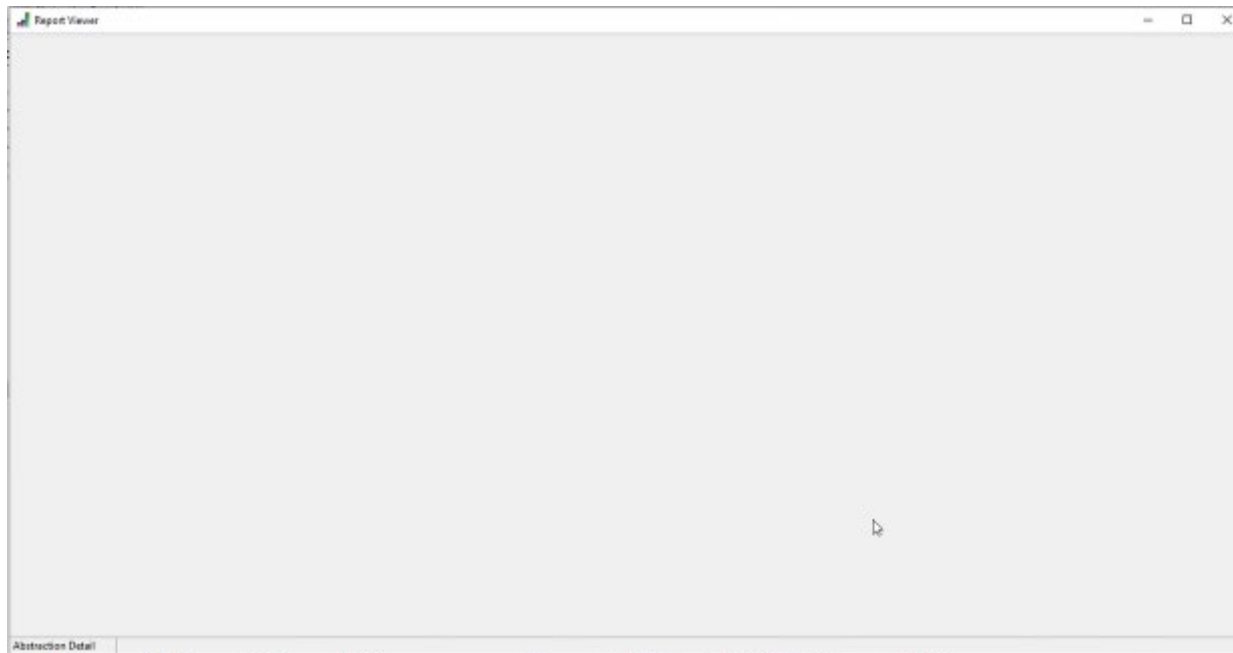
1. Would you like the questions to be enabled or disabled appropriately per the measure algorithms, or do you want all questions enabled? (SKIPPATTERN)

Enable/disable questions appropriately

Enable  questions

# Troubleshooting

If you run a report and the Report Viewer window appears blank, contact the CCSQ Service Center by phone (866-288-8912) or email ([QNetSupport@cms.hhs.gov](mailto:QNetSupport@cms.hhs.gov)) for assistance.



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## **Helpful Resources**

# Acronyms

<b>CART</b>	CMS Abstraction & Reporting Tool	<b>ICD-10-CM</b>	International Classification of Diseases, Tenth Revision, Clinical Modification
<b>CCN</b>	CMS Certification Number	<b>IMM-2</b>	Influenza Immunization
<b>CCSQ</b>	Center for Clinical Standards and Quality	<b>IPF</b>	inpatient psychiatric facility
<b>CMS</b>	Centers for Medicare & Medicaid Services	<b>IPFQR</b>	Inpatient Psychiatric Facility Quality Reporting
<b>CY</b>	calendar year	<b>Q</b>	quarter
<b>DACA</b>	Data Accuracy and Completeness Acknowledgement	<b>SUB</b>	Substance Use Measures
<b>FY</b>	fiscal year	<b>TOB</b>	Tobacco Use
<b>HQR</b>	Hospital Quality Reporting	<b>VIQR</b>	Value, Incentives, and Quality Reporting

# Helpful Resources

IPFQR Program Web Pages  
*(Click the icons.)*



# Helpful Resources

Stay up to date...



...and get answers to your questions.



Navigating the IPF Module in the  
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**Thank you!**

# Continuing Education Approval

This program has been approved for [credit](#) for the following boards:

- **National credit**
  - Board of Registered Nursing (Provider #16578)
- **Florida-only credit**
  - Board of Clinical Social Work, Marriage & Family Therapy and Mental Health Counseling
  - Board of Registered Nursing
  - Board of Nursing Home Administrators
  - Board of Dietetics and Nutrition Practice Council
  - Board of Pharmacy

**Note:** To verify approval for any other state, license, or certification, please check with your licensing or certification board.



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