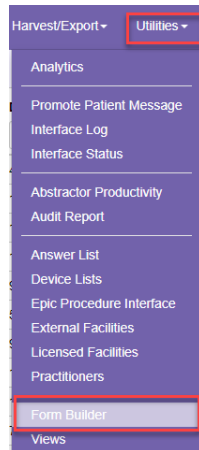


## How to add Custom Questions in Cento Reports

CardiacCare allows you to add custom questions you create in the CardiacCare application into your Cento reports if desired. You must create the custom questions, answer them within a data form at least once, then they will populate under report fields in Cento.

To start, hover over **Utilities**, and select **Form Builder**.



Select **add New Data Form** on the top right. You will need to name your Data Form, then select save.

A screenshot of the 'Edit Data Forms' page. At the top right, a button labeled '+ New Data Form' is highlighted with a red box. Below the header is a table with columns for Data Form Name, Data Level, and Type. The table lists three forms: '\_\_\_Form', '\_Cath5 QuestionBank', and 'A Simple Form'. A blue arrow points down from the table to a modal dialog box. The modal has a title 'Data Form Name' and a text input field containing 'Medical City Hospital Test Questions'. At the bottom of the modal are 'Cancel' and 'Save' buttons.

Data Form Name	Data Level	Type		
___Form	Procedure	Custom		
_Cath5 QuestionBank	Procedure	Custom		
A Simple Form	Procedure	Custom		

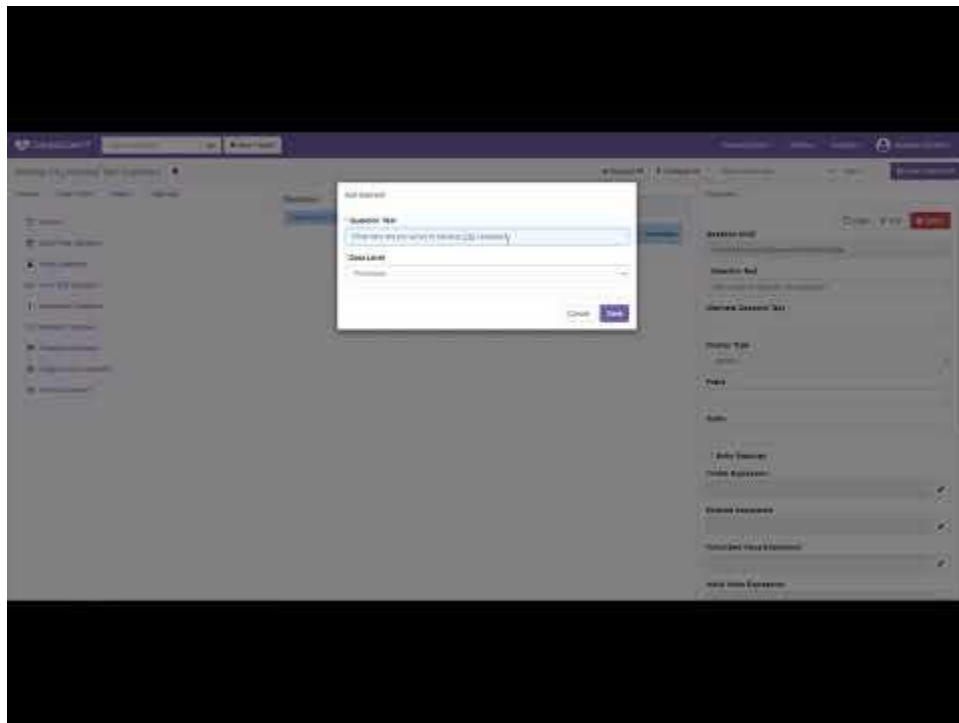
**Data Form Name**

Cancel Save

The blank form will open with one section available for you to add questions to.

The screenshot shows the CedarON interface for creating a data form. At the top, there's a header with the CedarON logo and the tagline "calm the storm.". Below the header, there's a navigation bar with tabs for "Medical City Hospital Test Questions", "Data Forms", "Search", and "Clipboard". The "Data Forms" tab is active. On the left, there's a "Toolbox" with various question types: Section, Date/Time Question, Entity Question, Free Text Question, Instruction Question, Numeric Question, Repeated Question, Single Choice Question, and Yes/No Question. The main area is divided into "Sections" and "Properties". Under "Sections", there's a "Section 1" button. Under "Properties", there's a "Section UUID" field with a value "fb4e1414-0414-4f73-b902-1c7296d97645", a "Section Label" field with a value "Section 1", an "Initial Appearance On Page Load" dropdown set to "Expanded", a "Grid Columns (optional)" dropdown, and a "Display Type" dropdown set to "Normal". There are also "Cut" and "Delete" buttons.

Name Your section under Section Label. You also have different options you can choose from such as the Initial appearance, Grid Columns, and Display Type. You can add questions to the section by dragging items from the Toolbox on the left. The Toolbox allows you to select different question types based on the information you are trying to obtain. You will add the Question and choose the Data Level type before selecting save. Please see the snippet video below for more information on this.



Once you have your desired questions and options selected, you can now add your questions to a data form by selecting from the [Open Data Form](#) option and selecting [Open](#).

▼ Expand All    ▶ Collapse All

Open Data Form... ▼    Open

▼ Medical City Custom Questions

<input checked="" type="checkbox"/> Did you go to Medical City Hospital?	Procedure
<input type="checkbox"/> What date did you arrive to Medical City Hospital?	Procedure

Properties

---

☐ **Entry Required**

**Visible Expression**

The example below shows that the ACC CathPCI 4.0 Salem form was chosen. Select Data Forms at the top left to add your questions.

ACC CathPCI 4.0 Salem ⚙

▼ Expand All    ▶ Collapse All

**Toolbox**

Data Forms

Search    Clipboard

- ☐ Section
- ☐ Date/Time Question
- ☐ Entity Question
- ☐ Free Text Question
- ☐ Instruction Question
- ☐ Numeric Question
- ☐ Repeated Question
- ☐ Single Choice Question
- ☐ Yes/No Question

**Sections**

E. Diagnostic Cath

▼ E. Diagnostic Cath

<input checked="" type="checkbox"/> IVUS/OCT	Procedure
<input checked="" type="checkbox"/> FFR	Procedure
<input checked="" type="checkbox"/> Non-Obstructive CAD (all vessels<50%)	Procedure
<input checked="" type="checkbox"/> 2 or more anti-anginal medications	Procedure
<input checked="" type="checkbox"/> Positive stress test or imaging study	Procedure
<input checked="" type="checkbox"/> Radial artery access	Procedure
<input checked="" type="checkbox"/> Radial cath lab	Procedure
<input checked="" type="checkbox"/> Diagnostic Exclusion	Procedure

Once you locate the form you created, you can choose to add individual questions or the whole section by using the + drop down next to each line item.

**Toolbox**

Data Forms    Search    Clipboard

- ☐ Feb2023Testing
- ☐ Fellow
- ☐ GWTG
- ☐ Hadassah Adult Cardiac Surgery
- ☐ Hadassah Custom Question Bank
- ☐ HAR #
- ☐ JFK Medical Custom Questions
- ☐ Kettering STS 2.81 Adult Cardiac Surgery
- ☐ L Land M learn
- ☐ laura test modify data form
- ☐ Laura Testing Data Form
- ☐ march2023FormTest
- ☐ Marin 2.9 STS Adult Cardiac
- ☐ Marin Carolinas 2.61 Adult Cardiac Surgery
- ☐ Marin CathPCI 4.0
- ☐ Marin CCORP 2.61 Adult Cardiac
- ☐ Marin EAMC 2.61 Adult Cardiac Surgery
- ☐ Marin Kettering 2.61, 2.73
- ☐ Marin MoBap 2.61
- ☐ Marin NCDR CathPCI v5
- ☐ Marin Northern MI 2.61 Adult
- ☐ Marin NY CSRS STS 2.61
- ☐ Marin Resurrection 2.61 Adult
- ☐ Marin STS 2.61 Adult Cardiac
- ☐ Marin STS 2.73 Adult Cardiac
- ☐ Marin STS 2.9 Adult Cardiac
- ☐ Marlette Cento Test Question Form
- ☐ MDH Test Form/Questions
- ☐ Medical City Hospital Test Questions
  - ☐ Medical City Custom Questions
  - ☐ Did you go to Medical City Hospital? ⚙
  - ☐ What date did you arrive to Medical City Hospital? ⚙
- ☐ Medicare Criteria for EP Device Implant v2.3
- ☐ Memorial Hermann Custom Question Bank

In this example, the section **Medical City Custom Questions** has been added.

ACC CathPCI 4.0 Salem

Expand All Collapse All

Toolbox Data Forms Search Clipboard

Sections

E. Diagnostic Cath

- IVUS/OCT Procedure
- FFR Procedure
- Non-Obstructive CAD (all vessels<50%) Procedure
- 2 or more anti-anginal medications Procedure
- Positive stress test or imaging study Procedure
- Radial artery access Procedure
- Radial cath lab Procedure
- Diagnostic Exclusion Procedure
- Medical City Custom Questions**

Medical City Custom Questions

Did you go to Medical City Hospital?

What date did you arrive to Medical City Hospital?

You can also choose to create a new section by dragging the Section option under Toolbox and start adding custom questions.

ACC CathPCI 4.0 Salem

Expand All Collapse All

Toolbox Data Forms Search Clipboard

Sections

E. Diagnostic Cath

- Section 2 for Custom Questions

Section

Date/Time Question

Entity Question

Free Text Question

Instruction Question

Numeric Question

Repeated Question

Single Choice Question

Yes/No Question

Once you reach your desired results, you can select Save Data Form. (You can delete questions or forms at any time by selecting the section and pressing delete on the top right).

ACC CathPCI 4.0 Salem

Expand All Collapse All Open Data Form... Open Save Data Form

Toolbox Data Forms Search Clipboard

Sections

E. Diagnostic Cath

- IVUS/OCT Procedure
- FFR Procedure
- Non-Obstructive CAD (all vessels<50%) Procedure
- 2 or more anti-anginal medications Procedure
- Positive stress test or imaging study Procedure
- Radial artery access Procedure
- Radial cath lab Procedure
- Diagnostic Exclusion Procedure
- Medical City Custom Questions**

Properties

Data Form

Medical City Hospital Test Questions

Section UUID

fb4e1414-0414-4f73-b902-4c7296d97645

Section Label

Medical City Custom Questions

Initial Appearance On Page Load

Expanded

Grid Columns (optional)

Display Type

Delete

Once your form is saved, open the form to fill out the new questions. The example above shows custom questions were added to the ACC CathPCI 4.0 Salem form, so that is the data that is opened in the image below. Answer the new questions so CardiacCare can save the data and allow it to populate in Cento.

ACC CathPCI 4.0 Salem

**Patient**

**Name:** King, Joe (1234567B)

**DOB:** 4/16/1988

**Visit Date:** 8/1/2023

**Sections**

E. Diagnostic Cath

E. Diagnostic Cath

IVUS/OCT
IVUS

FFR
Yes

Non-Obstructive CAD (all vessels<50%)
No

2 or more anti-anginal medications
No

Positive stress test or imaging study
No

Radial artery access
Yes

Radial cath lab
Yes

Diagnostic Exclusion
No

Medical City Custom Questions

Did you go to Medical City Hospital?

☐ (unspecified)
 ☐ No
 ☒ Yes

What date did you arrive to Medical City Hospital?
08/01/2023

Once in Cento Analytics, navigate to the Report Fields section and locate your questions under **Standard Fields**. You can use CTRL F to search as well.

1 Report Type
2 Report Fields
3 Filters
4 Time Frame
5 Finish

- CathPCI - IRR
- CCORP 7.0
- CCORP 8.3
- Custom
- custom questions
- Custom Questions
- DateChecker
- Demo
- Demographics
- Disney World Custom Questions
- El Camino NCDR CathPCI v4.4 Question Bank
- Enloe Cardiac
- Eray Test
- Example - New Questions for notes
- Laura Testing Data Form
- Marin CathPCI 4.0
- Marlette Cento Test Question Form
- Medical City Hospital Test Questions
  - Medical City Custom Questions
  - Did you go to Medical City Hospital?
  - What date did you arrive to Medical City Hospital?
- Medicare Criteria for EP Device Implant v2.3
- Memorial Hermann Custom Question Bank

## Selected Report Fields

There are currently no fields in this report. To  
under "Standard Fields" or choose an option t

Select **Add** next to the questions you would like to add to your report.

- CCORP 7.0
- CCORP 8.3
- Custom
- custom questions
- Custom Questions
- DateChecker
- Demo
- Demographics
- Disney World Custom Questions
- El Camino NCDR CathPCI v4.4 Question Bank
- Enloe Cardiac
- Eray Test
- Example - New Questions for notes
- Laura Testing Data Form
- Marin CathPCI 4.0
- Marlette Cento Test Question Form
- **Medical City** Hospital Test Questions
  - Medical City Custom Questions
- Did you go to Medical City Hospital?
- **+ Add** What date did you arrive to Medical City Hospital?
- Medicare Criteria for EP Device Implant v2.3
- Memorial Hermann Custom Question Bank

### Selected Report Fields

Did you go to Medical City Hospital?

What date did you arrive to Medical City Hospital?

You can also search for your custom questions by selecting the **Filter** button with the name of your question, selecting the **Data Level**, then selecting **Add** next to the questions you would like to add.

Home / All Report Templates / New

## New Report

1 Report Type 2 Report Fields

### Add Report Field

Standard Fields

**Filter**

### Filter attributes

Attribute Type

(any)

**Attribute name contains**

Medical City

Cancel **Apply**



## Add Report Field

### Standard Fields

☰ ▼ Medical City ✕ Clear

- Patient
- Practitioner
- Episode
- Hospitalization
- Visit
- Procedure
  - Standard Fields
  - Medical City Hospital Test Questions
    - Medical City Custom Questions

+ Add

Did you go to Medical City Hospital?  
 What date did you arrive to Medical City Hospital?

## Selected Report Fields

Did you go to Medical City Hospital?

What date did you arrive to Medical City Hospital?

Continue creating your report with the desired filters, time frame, graph, etc. When you run the report, you will see the custom questions you created with the data you entered.

## Ad Hoc: Report (24)

Executed 8/1/2023 8:14 PM

[Edit Report](#) [Save Template](#) [Download](#)

### Report Filters

- ACC CathPCI 4.0 Salem is Yes

Total Results: 1

Drag a column header here to group by that column							
de from Patient ▼	Name from Episode ▼	Facility from Episode ▼	Specialty from Episode ▼	Date from Hospitalization ▼	Name from Hospitalization ▼	Did you go to Medical City Hospital? ▼	What date did you arrive to Medical City Hospital? ▼
	Q	Q	Q	Q	Q	Q	Q
				8/1/2023 11:12 AM		Yes	8/1/2023 12:00 AM

✦ For more information on how to build custom forms, please view the Training Document titled [CardiacCare – Custom Questions User Manual](#) and training video titled [CardiacCare Training – Custom Questions & Forms](#) located on the Cedaron University training portal. ✦