

Disclaimer

Please allocate 30-60 minutes for this installation process and note that it is crucial that **ALL lab results are added** to optimize functionality.

As part of the Evidence2Practice Ontario (E2P) program, [Amplify Care](#) (formerly the eHealth Centre of Excellence) is providing change management at no cost to support clinicians with the implementation and optimal use of E2P tools.



If you have any questions, please reach out to EMRtools@amplifycare.com and we will be happy to help!

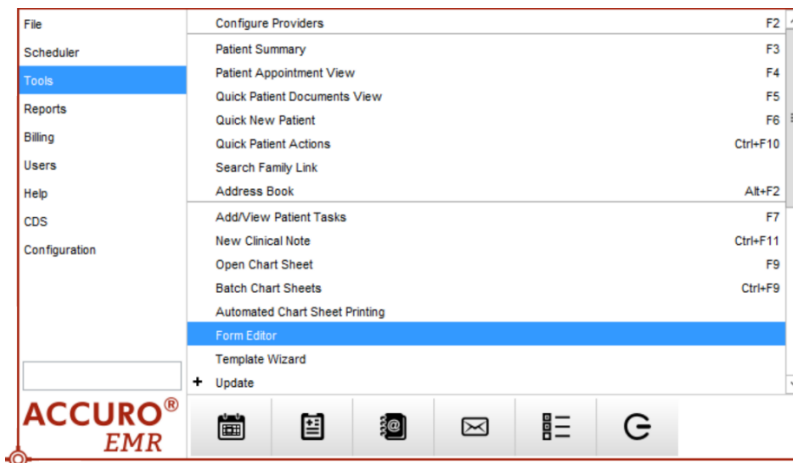
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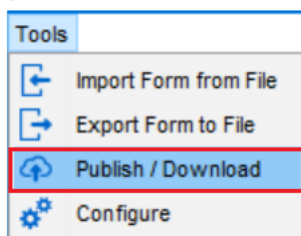
Downloading the E2P COPD Management Tool

From the Accuro EMR click on the Accuro target menu icon.

Select **Tools** followed by **Form Editor** to launch the form editor window.

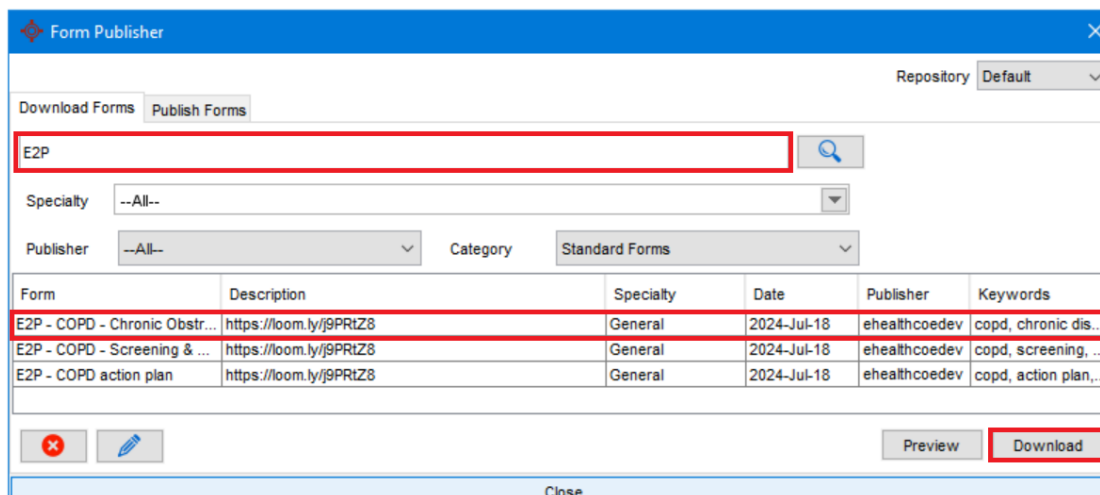


Within the Form Editor, click the top left **Tools** button and select the **Publish/Download** option.



The Form Publisher window will open. To find the tools:

- 1) In **Red**, you enter “**E2P**” into the search bar.
- 2) Select “**E2P – COPD – Screening & Diagnosis**” and click **download**.
- 3) Select “**E2P – COPD – Chronic Obstructive Pulmonary Disease Tool**” and click **download**.
- 4) Select “**E2P – COPD – Action Plan**” and click **download**.



Configuring Form Elements

1.1 Creating the Generate Letter

1.1.1 E2P COPD Visit

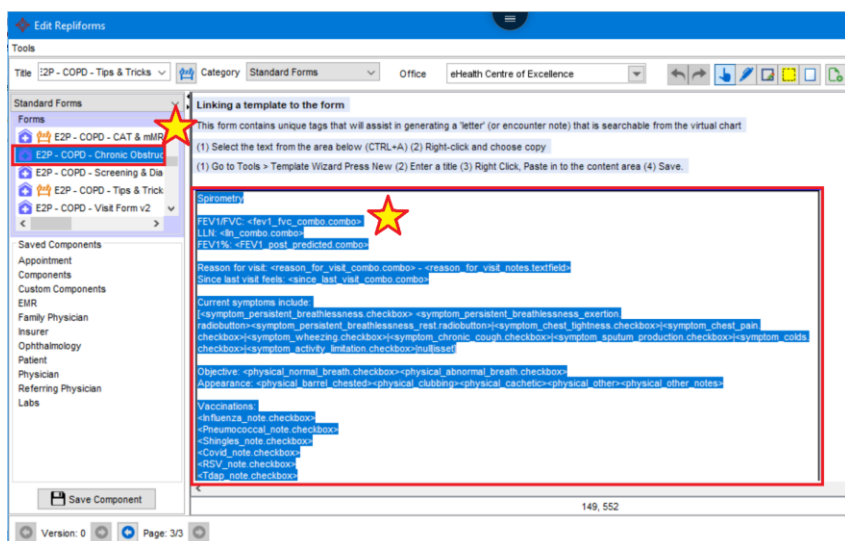
While in the form editor, Open the “**E2P – COPD – Chronic Obstructive Pulmonary Disease Tool**”.

Navigate to **page 3**.

Scroll to the text box and using your keyboard, type “**CTRL + A**” to select all of the text.

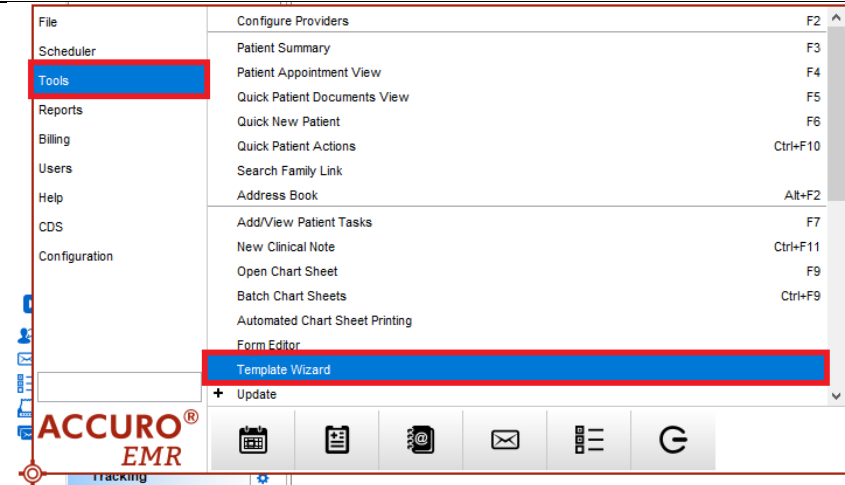
Then type “**CTRL + C**” to copy the text.

Close the form editor.



From the Accuro EMR click on the **Accuro target** menu icon.

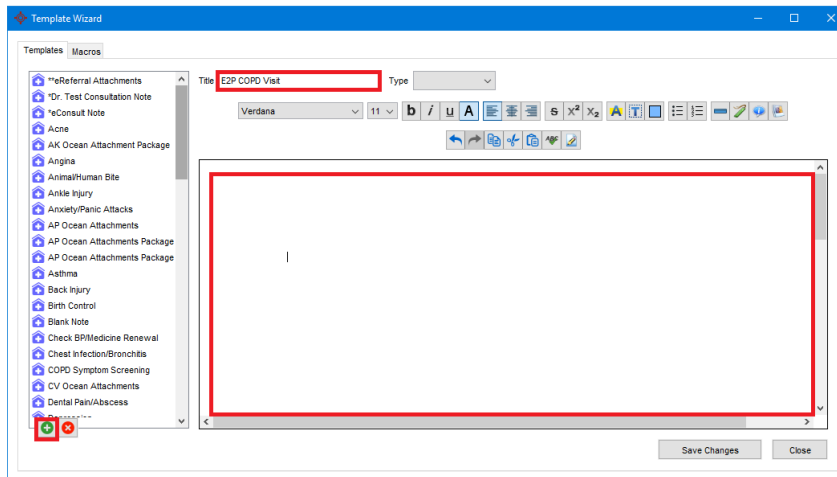
Select **Tools** followed by **Template Wizard** to launch the form editor window.



Click on the **green plus button** to add a new template.

Title it: **"E2P COPD Visit"**.
Place your cursor in the letter area.

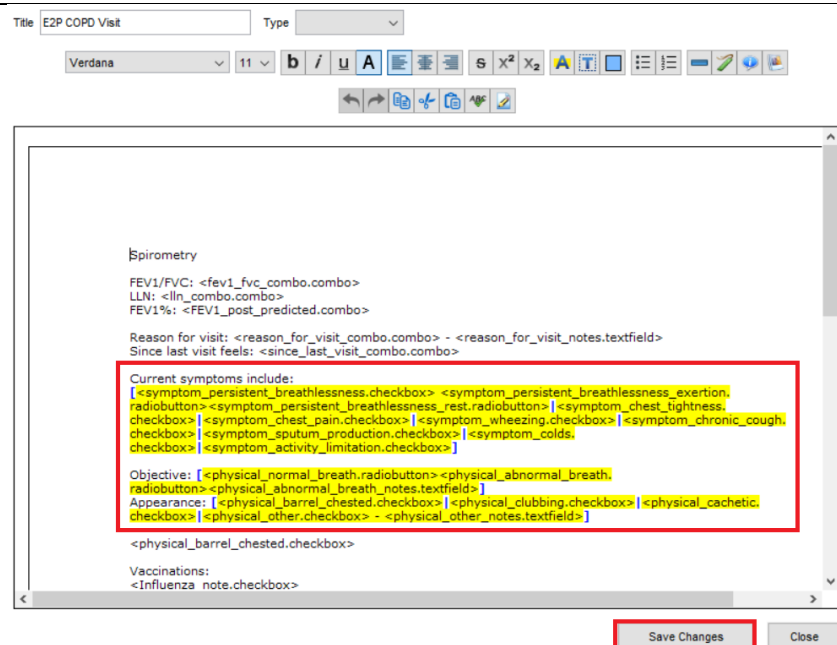
Using your keyboard,
click **"CTRL + V"** to paste
the copied text.



Searching for all the text
within the blue lines "[]",
then **click** on each text
option to **highlight** them.

Ensure to scroll to the
bottom of the page to
highlight the remaining
text.

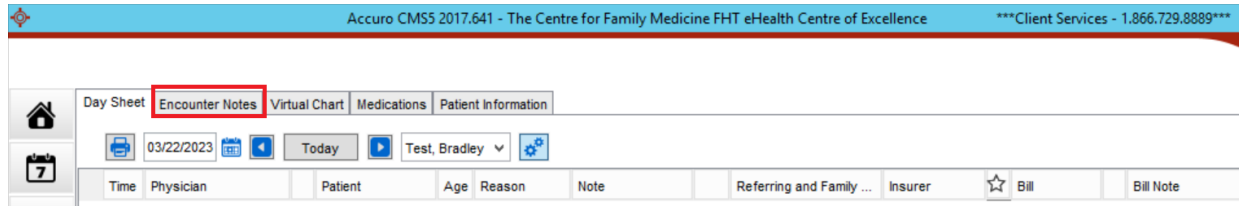
Then click **"Save
Changes"**.



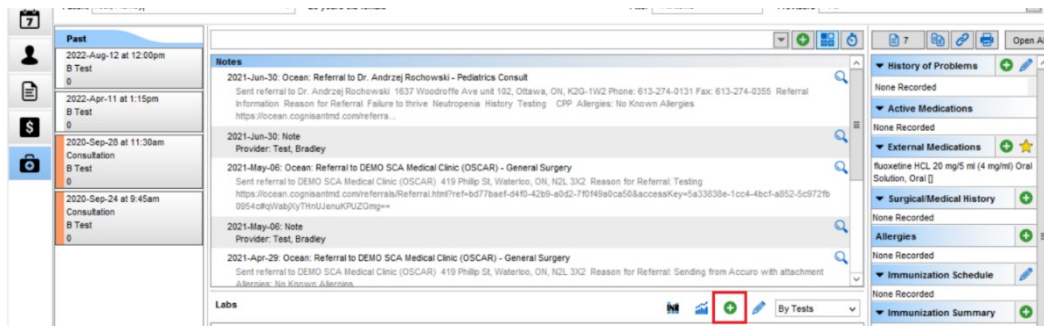
1.2 Creating the Lab Test: E2P_MGMT

***Please note that if you already have another E2P tool you will not need to create another Lab Test for E2P_MGMT and you can skip to page 6 (to the top of the next page).**

- i. Navigate to the EMR menu option then select **Encounter notes**.



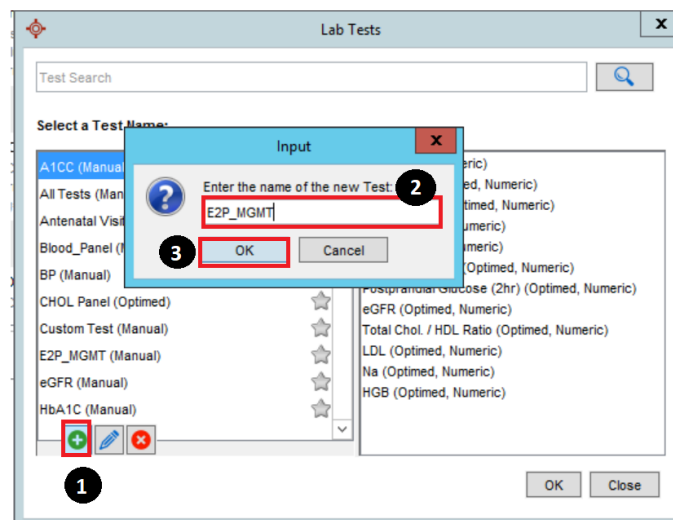
- ii. Select a test patient, which will reveal the notes, standard forms, and the lab section where the normal labs are listed.
- iii. To manage Lab Tests, click on the green plus button (*Lab Test in Accuro represents a Group of Test Results).



To create the first lab test, Click the **green plus button**.

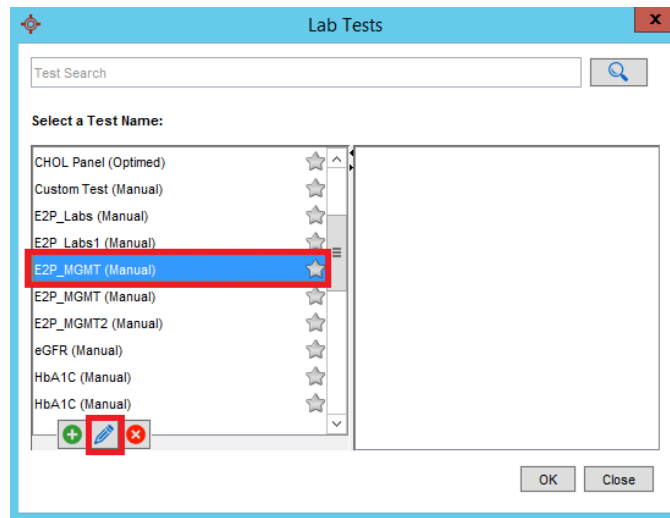
Then Enter the name for the new Lab Test: **"E2P_MGMT"**.

Then click **OK**.



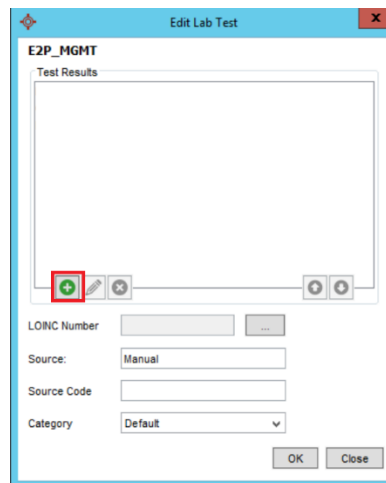
If you have an existing E2P tool, please pick back up here:

Navigate to the **E2P_MGMT** lab test, then click on the **pencil icon** to edit.



This should open the Edit Lab Test Window.

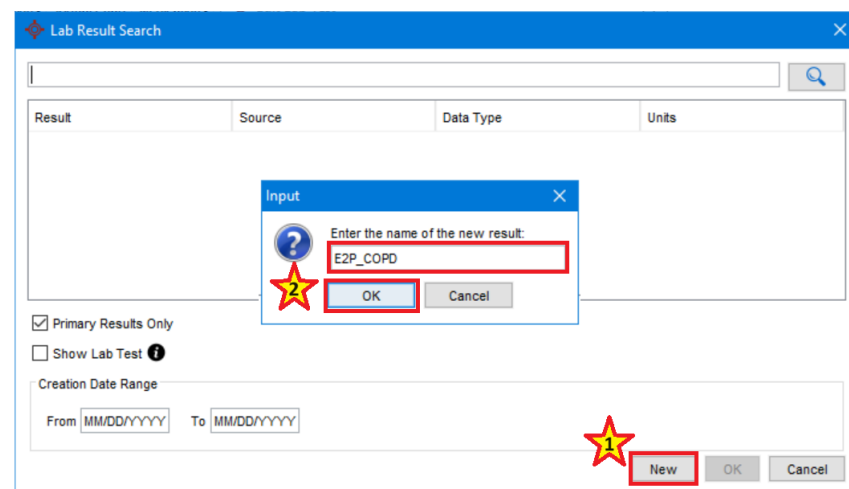
Click the **green plus sign** to add the Lab Value.



1.2.1 E2P_COPD

From here click **New**.

Title it: "**E2P_COPD**".



Edit the Result window will open.

Enter the following:

- Data Type: **Text**

Then click **"OK"**.

Edit Result

E2P_COPD

Source:

Source Code:

Data Type: ☐ Numeric ☒ **Text**

Numeric Settings

Units:

Reference Ranges:

Laboratory	Gender	Age	Reference Range

There are a couple rules to keep in mind about the relationship between a result and observations of it.

1. You cannot change the data type of a result once an observation of it has been recorded.
2. Changing the Reference Ranges and Units of a result doesn't affect already recorded observations and is only used for entering new manual lab observations.

Linking... **OK** Cancel

Important Click on the E2P_COPD result line.

Click **OK** to add it to the Lab Test.

Lab Result Search

Result	Source	Data Type	Units
E2P_COPD	Manual	Text	

☒ Primary Results Only

☐ Show Lab Test

Creation Date Range

From To

New **OK** Cancel

Then click the **green plus sign** to add the next Lab Value.

Edit Lab Test

E2P_MGMT

Test Results

E2P_COPD (Manual, Text)

LOINC Number

Source:

Source Code

Category

OK Close

1.2.2 E2P_COPD_SCREENING

From here click **New**.

Title it:

"E2P_COPD_SCREENING"

The screenshot shows the 'Lab Result Search' window. An 'Input' dialog box is open, asking to 'Enter the name of the new result:'. The text 'E2P_COPD_SCREENING' is entered in the text field. A red star with the number '2' is next to the 'OK' button. In the background, the 'Lab Result Search' window has a red star with the number '1' next to the 'New' button at the bottom right.

Edit the Result window will open.

Enter the following:

- Data Type: **Text**

Then click **"OK"**.

The screenshot shows the 'Edit Result' window for 'E2P_COPD_SCREENING'. The 'Source' is set to 'Manual'. The 'Data Type' is set to 'Numeric' (indicated by a red box). There are instructions on the right: 'There are a couple rules to keep in mind about the relationship between a result and observations of it. 1. You cannot change the data type of a result once an observation of it has been recorded. 2. Changing the Reference Ranges and Units of a result doesn't affect already recorded observations and is only used for entering new manual lab observations.' At the bottom, the 'OK' button is highlighted with a red box.

Click on the E2P_COPD_SCREENING result line.

Then click **OK** to add it to the Lab Test.

The screenshot shows the 'Lab Result Search' window. The 'E2P_COPD_SCREENING' result line is highlighted in blue. The 'Source' is 'Manual' and the 'Data Type' is 'Text'. At the bottom right, the 'OK' button is highlighted with a red box.

Then click the **green plus sign** to add the next Lab Value.

1.2.3 dxStatusCOPD

From here click **New**.
Title it: "**dxStatusCOPD**"

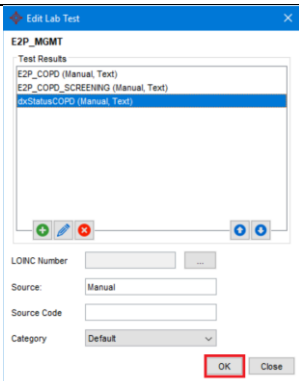
Edit the Result window
will open.
Enter the following:

- Data Type: **Text**

Then click "**OK**".

Click on the
dxStatusCOPD result line.

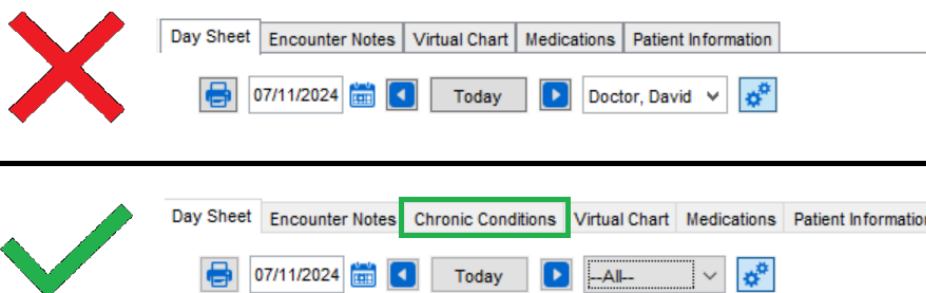
Then click **OK** to add it to
the Lab Test.

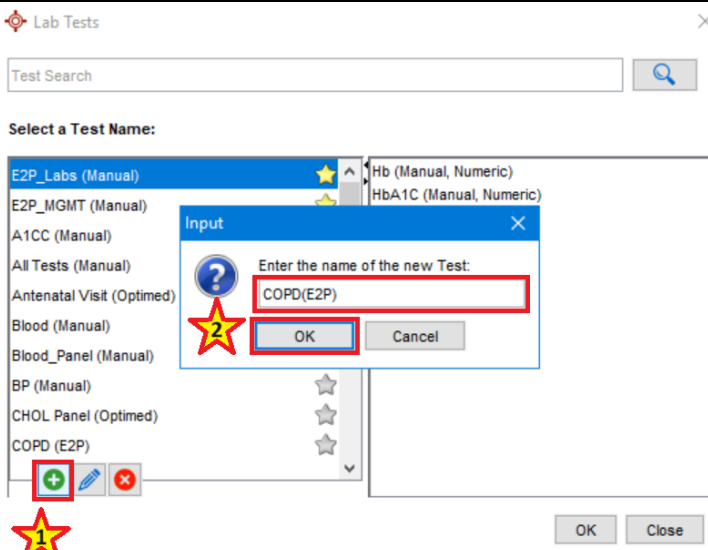
Then click OK to save your work.	
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1.3 Creating the Lab Test: COPD (E2P)

We recognize that some users may be using CDM worksheets, so we designed our tools to be able to work with the CDM worksheets and without them.

To identify if your site has them enabled, open your EMR and refer to this image:



To create the second lab test, click the green plus button. Enter the name for the new Lab Test: "COPD (E2P)". Then click OK. The Edit Lab Test Window should open. Click the green plus sign to add the Lab Value.	
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1.3.1 FEV1% predicted (post)

From here click **New**.

Title it: **"FEV1% predicted (post)"**.

The screenshot shows the 'Lab Result Search' window. An 'Input' dialog box is open, asking to 'Enter the name of the new result:'. The text 'FEV1% predicted (post)' is entered and highlighted with a red box. A yellow star with the number '2' is next to the 'OK' button. In the main window, a yellow star with the number '1' is next to the 'New' button at the bottom right.

Edit the Result window will open.

Enter the following:

- Data Type: **Numeric**
- Units: **%**

Important

If CDM worksheets **are not enabled**, click **"OK"** here **and** then skip to **Step B**).

If CDM Worksheets **are enabled**, click **"Linking"**, then pause here and proceed to **Step A**).

The screenshot shows the 'Edit Result' window for 'FEV1% predicted (post)'. The 'Source' is set to 'Manual'. The 'Data Type' is set to 'Numeric' (highlighted with a red box). The 'Units' are set to '%' (highlighted with a red box). There are 'Yes CDM' and 'No CDM' buttons. Below them are 'Linking...', 'OK', and 'Cancel' buttons. A yellow star is next to the 'Linking...' button. On the right, there is a note: 'There are a couple rules to keep in mind about the relationship between a result and observations of it. 1. You cannot change the data type of a result once an observation of it has been recorded. 2. Changing the Reference Ranges and Units of a result doesn't affect already recorded observations and is only used for entering new manual lab observations.'

Step A)

The lab result linking window will open.

1. **Click the green plus sign.**

The screenshot shows the 'Lab Result Linking' window. It contains a table with columns: Primary, Result, Source, Data Type, and Units. The first row has 'P' in the Primary column, 'FEV1% predicted...' in the Result column, 'Manual' in the Source column, 'Numeric' in the Data Type column, and an empty Units column. A green plus sign button is highlighted with a red box. At the bottom, there are 'Set Primary Result', 'OK', and 'Cancel' buttons.

2. Enter **"FEV1"** into the search bar and **click** the magnifying glass to search.
3. Select **"FEV1% of predicted (after puff)"**.
Ensure the source is **"Optimed"**
4. Click **"OK"**.

Lab Result Search

FEV

Result	Source	Data Type	Units
FEV1 %	Optimed	Numeric	%
FEV1 (after puff) - (personal be...	Optimed	Numeric	Liters
FEV1 (before puff) - (personal b...	Optimed	Numeric	Liters
FEV1 / FVC ratio (before puff)	Optimed	Numeric	%
FEV1 predicted	Optimed	Numeric	Liters
FEV1% (after puff)	Optimed	Numeric	%
FEV1% (before puff)	Optimed	Numeric	%
FEV1% of predicted (before puff)	Optimed	Numeric	%
FEV1% predicted	Optimed	Numeric	%
fev1/fvc	Manual	Numeric	%
FEV1/FVC (post)	Manual	Numeric	%

☒ Primary Results Only
☐ Show Lab Test ⓘ

Creation Date Range
From MM/DD/YYYY To MM/DD/YYYY

OK Cancel

5. Ensure the FEV1% predicted (post) result line (Manual) is set as the **Primary Result**.
6. Click **"OK"**.

Lab Result Linking

Add all the results that should be graphed together:

Primary	Result	Source	Data Type	Units
	FEV1% of predict...	Optimed	Numeric	
P	FEV1% predicted...	Manual	Numeric	

+ -

☐ Show Lab Test ⓘ

Set Primary Result OK Cancel

Step B)

Click on the FEV1% predicted (post) result line

Then click **OK** to add it to the Lab Test.

Lab Result Search

Result	Source	Data Type	Units
FEV1% predicted (post)	Manual	Numeric	%

☒ Primary Results Only
☐ Show Lab Test ⓘ

Creation Date Range
From MM/DD/YYYY To MM/DD/YYYY

New OK Cancel

Then click the **green plus sign** to add the next Lab Value.

1.3.2 FEV1/FVC (post)

From here click **New**.
Title it: **"FEV1/FVC (post)"**.

The 'Lab Result Search' dialog box is shown. An 'Input' window is open, prompting 'Enter the name of the new result:'. The text 'FEV1/FVC (post)' is entered in the input field. A yellow star with the number '2' is next to the 'OK' button. In the main dialog box, a yellow star with the number '1' is next to the 'New' button at the bottom right.

Edit the Result window will open.

Enter the following:

- Data Type: **Numeric**
- Units: **%**

Important

If CDM worksheets **are not enabled**, click **"OK"** here **and** then skip to **Step D**).

If CDM Worksheets **are enabled**, click **"Linking"**, then pause here and proceed to **Step C**).

The 'Edit Result' dialog box is shown for 'FEV1/FVC (post)'. The 'Source' is set to 'Manual'. The 'Data Type' is set to 'Numeric' (indicated by a red box and a yellow star). The 'Units' are set to '%'. There are two buttons: 'Yes CDM' (green) and 'No CDM' (orange). The 'Linking...' button is highlighted with a green box. A yellow star is next to the 'Linking...' button. The 'OK' button is highlighted with an orange box. A text box on the right contains rules: '1. You cannot change the data type of a result once an observation of it has been recorded.' and '2. Changing the Reference Ranges and Units of a result doesn't affect already recorded observations and is only used for entering new manual lab observations.'

Step C)

If CDM Worksheets are enabled follow these steps:

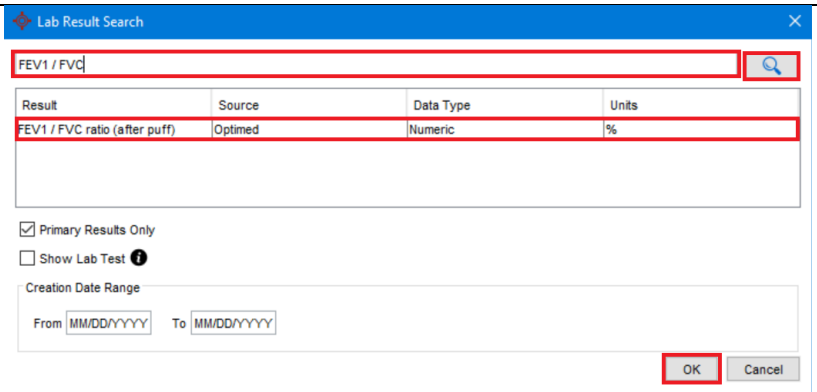
7. **Click the green plus sign.**

The 'Lab Result Linking' dialog box is shown. It contains a table with the following data:

Primary	Result	Source	Data Type	Units
P	FEV1/FVC (post)	Manual	Numeric	

A green plus sign button is highlighted with a red box. Below the table, there is a 'Show Lab Test' checkbox and a 'Set Primary Result' button. 'OK' and 'Cancel' buttons are at the bottom right.

8. Enter **"FEV1 / FVC"** into the search bar and **click** the magnifying glass to search.
9. Select **"FEV1/FVC ratio (after puff)"**.
Ensure the source is **"Optimed"**.
10. Click **"OK"**.



Lab Result Search

FEV1 / FVC

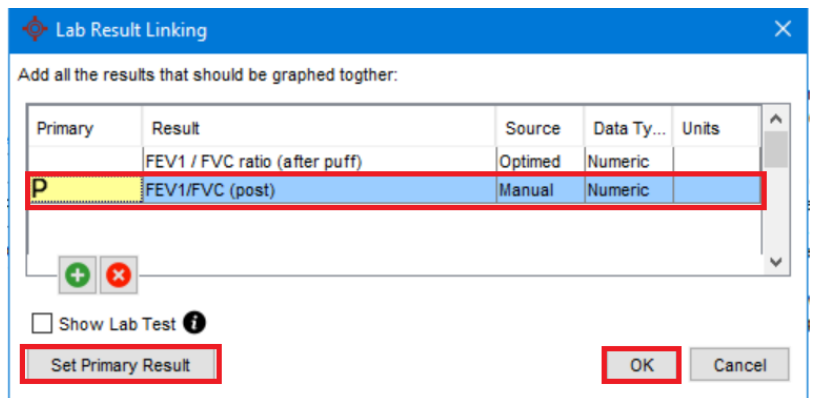
Result	Source	Data Type	Units
FEV1 / FVC ratio (after puff)	Optimed	Numeric	%

☒ Primary Results Only
☐ Show Lab Test ⓘ

Creation Date Range
 From MM/DD/YYYY To MM/DD/YYYY

OK Cancel

11. Ensure the FEV1/FVC (post) result line (Manual) is set as the **Primary Result**.
12. Click **"OK"**.



Lab Result Linking

Add all the results that should be graphed together:

Primary	Result	Source	Data Ty...	Units
	FEV1 / FVC ratio (after puff)	Optimed	Numeric	
P	FEV1/FVC (post)	Manual	Numeric	

+ -

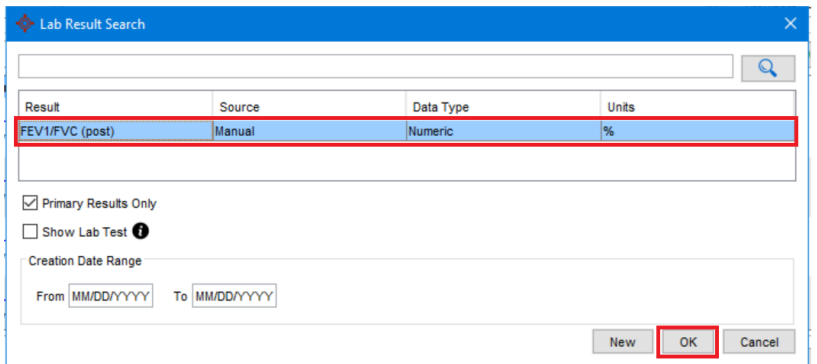
☐ Show Lab Test ⓘ

Set Primary Result OK Cancel

Step D)

Click on the **FEV1/FVC (post)** result line.

Then click **OK** to add it to the Lab Test.



Lab Result Search

Result	Source	Data Type	Units
FEV1/FVC (post)	Manual	Numeric	%

☒ Primary Results Only
☐ Show Lab Test ⓘ

Creation Date Range
 From MM/DD/YYYY To MM/DD/YYYY

New OK Cancel

Then click the **green plus sign** to add the next Lab Value.

1.3.3 LLN (FEV1/FVC)

From here click **New**.
Title it: "**LLN (FEV1/FVC)**".

Edit the Result window will open.
Enter the following:

- Data Type: **Text**

Then click "**OK**".

LLN (FEV1/FVC)

Source: Manual

Source Code:

Data Type: ☐ Numeric ☒ **Text**

Numeric Settings

Units:

Reference Ranges:

Laboratory	Gender	Age	Reference Range

There are a couple rules to keep in mind about the relationship between a result and observations of it.

1. You cannot change the data type of a result once an observation of it has been recorded.
2. Changing the Reference Ranges and Units of a result doesn't affect already recorded observations and is only used for entering new manual lab observations.

Linking... **OK** Cancel

Click on the **LLN(FEV1/FVC)** result line.

Then click **OK** to add it to the Lab Test.

Result	Source	Data Type	Units
LLN (FEV1/FVC)	Manual	Text	

☒ Primary Results Only

☐ Show Lab Test ⓘ

Creation Date Range

From MM/DD/YYYY To MM/DD/YYYY

New **OK** Cancel

Then click the **green plus sign** to add the next Lab Value.

1.3.4 CAT

From here click **New**.
Title it: "**CAT**".

The screenshot shows the 'Lab Result Search' window. An 'Input' dialog box is open, prompting the user to 'Enter the name of the new result:'. The text 'CAT' is entered in the input field. A red box highlights the 'OK' button in the dialog. A yellow star with the number '2' is placed next to the dialog box. In the main window, a yellow star with the number '1' is placed next to the 'New' button at the bottom right.

Edit the Result window will open.
Enter the following:

- Data Type: **Numeric**
- Units: **/40**

Then click "**OK**".

The screenshot shows the 'Edit Result' window for the 'CAT' result. The 'Source' is set to 'Manual'. The 'Data Type' is set to 'Numeric' (indicated by a red box). The 'Units' are set to '/40' (indicated by a red box). The 'Reference Ranges' section is empty. A red box highlights the 'OK' button at the bottom. A text box on the right contains the following rules: 'There are a couple rules to keep in mind about the relationship between a result and observations of it. 1. You cannot change the data type of a result once an observation of it has been recorded. 2. Changing the Reference Ranges and Units of a result doesn't affect already recorded observations and is only used for entering new manual lab observations.'

Click on the **CAT** result line.
Then click **OK** to add it to the Lab Test.

The screenshot shows the 'Lab Result Search' window. The 'CAT' result line is highlighted with a red box. The 'Source' is 'Manual', the 'Data Type' is 'Numeric', and the 'Units' are '/40'. A red box highlights the 'OK' button at the bottom right.

Then click the **green plus sign** to add the next Lab Value.

1.3.5 mmrc

From here click **New**.
Title it: "**mmrc**".

The screenshot shows the 'Lab Result Search' window. An 'Input' dialog box is open, prompting the user to 'Enter the name of the new result:'. The text 'mmrc' is entered in the input field. The 'OK' button is highlighted with a red box and a yellow star. In the background, the 'New' button in the 'Lab Result Search' window is also highlighted with a red box and a yellow star.

Edit the Result window will open.

Enter the following:

- Data Type: **Numeric**
- Units: .

Then click "**OK**".

The screenshot shows the 'Edit Result' window for the result 'mmrc'. The 'Source' is set to 'Manual'. The 'Data Type' is set to 'Numeric' (indicated by a red box). The 'Units' field is empty (indicated by a red box). The 'Reference Ranges' table is empty. On the right, there is a note: 'There are a couple rules to keep in mind about the relationship between a result and observations of it. 1. You cannot change the data type of a result once an observation of it has been recorded. 2. Changing the Reference Ranges and Units of a result doesn't affect already recorded observations and is only used for entering new manual lab observations.' The 'OK' button is highlighted with a red box.

Click on the **mmrc** result line.
Then click **OK** to add it to the Lab Test.

The screenshot shows the 'Lab Result Search' window. The 'mmrc' result line is highlighted with a red box. The 'OK' button is highlighted with a red box.

Then click the **green plus sign** to add the next Lab Value.

1.3.6 AECOPD (mild, moderate, severe)

From here click **New**.
Title it: "**AECOPD (mild, moderate, severe)**".

The screenshot shows the 'Lab Result Search' window. An 'Input' dialog box is open, asking for the name of the new result. The text 'AECOPD (mild, moderate, severe)' is entered in the text field. The 'OK' button is highlighted with a red box. A yellow star with the number '2' is next to the dialog box. In the bottom right corner of the 'Lab Result Search' window, the 'New' button is highlighted with a red box and a yellow star with the number '1'.

Edit the Result window will open.
Enter the following:

- Data Type: **Text**

Then click "**OK**".

The screenshot shows the 'Edit Result' window for 'AECOPD (mild, moderate, severe)'. The 'Source' is set to 'Manual'. The 'Data Type' is set to 'Text' (highlighted with a red box). The 'Units' field is empty. There are 'Numeric Settings' and 'Reference Ranges' sections. On the right, there is a note: 'There are a couple rules to keep in mind about the relationship between a result and observations of it. 1. You cannot change the data type of a result once an observation of it has been recorded. 2. Changing the Reference Ranges and Units of a result doesn't affect already recorded observations and is only used for entering new manual lab observations.' The 'OK' button is highlighted with a red box.

Click on the **AECOPD (mild, moderate, severe)** result line.
Then click **OK** to add it to the Lab Test.

The screenshot shows the 'Lab Result Search' window. The table below is highlighted with a red box:

Result	Source	Data Type	Units
AECOPD (mild, moderate or seve..	Manual	Text	

The 'OK' button at the bottom right is highlighted with a red box.

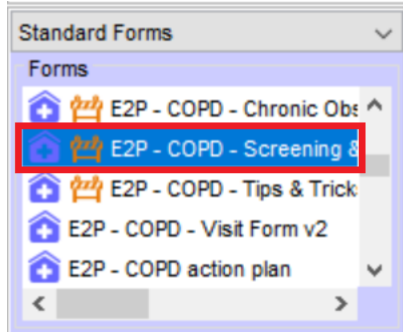
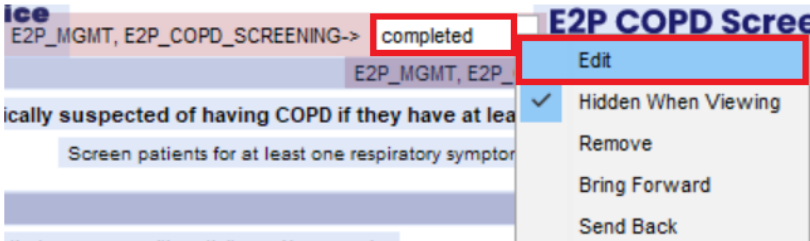
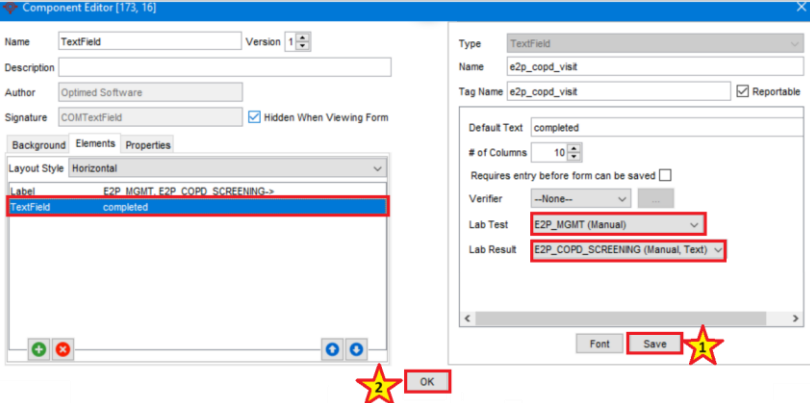
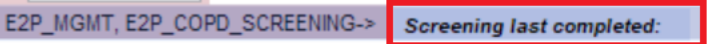
Then click **OK** to save your work.

Then click the top **right X** button **OR Close** to close the next window.

Mapping Form Elements

1.4 E2P – COPD – Screening & Diagnosis

Choose **Tools** then **Form Editor**.

Look for the E2P COPD Tool in the Standard Forms list. Click on the tool name line to select the tool.	
Once the tool appears, following the red highlighted area, click: "completed" Right-click and select Edit.	
On the left panel, select: TextField - completed On the right panel, Click Lab Test and select "E2P_MGMT". Click Lab Result and select "E2P_COPD_SCREENING (Manual, Text)". Important* Click Save and then click OK.	
Returning to the tool, Click: "Screening last completed". Right-click and select Edit.	

On the left panel, select:
Query – Lab Result Date

On the right panel,
Click Lab Test and select
"E2P_MGMT".

Click Lab Result and select
"E2P_COPD_SCREENING
(Manual, Text)".

Important* Click **Save** and
then click **OK**.

Scroll to the bottom of the page.

Click the area to the left of the red highlighted box titled: "dxStatusCOPD".

Right-click on the blue area/textbox and select **Edit**.

dxStatusCOPD Step 1/3:

On the left panel, select:
Query – Lab Result

On the right panel,
Click Lab Test and select
"E2P_MGMT".

Click Lab Result and select
"dxStatusCOPD (Manual,
Text)".

Important* Click **Save** and then proceed to **dxStatusCOPD Step 2/3**. **Do not click OK yet.**

dxStatusCOPD Step 2/3:

On the left panel, select:
Query – Lab Result Date

On the right panel,
Click Lab Test and select
“E2P_MGMT”.

Click Lab Result and select
“dxStatusCOPD (Manual,
Text)”.

Important* Click **Save** and then proceed to **dxStatusCOPD Step 3/3**. Do not click OK yet.

dxStatusCOPD Step 3/3:

On the left panel, select:
Query – Lab Result Date

On the right panel,
Click Lab Test and select
“E2P_MGMT”.

Click Lab Result and select
“dxStatusCOPD (Manual,
Text)”.

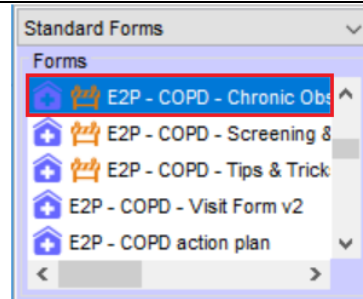
Important* Click **Save** and
then click **OK**.

1. In the top left corner, click the **orange construction sign** to make it available; it will then turn blue.
2. Click on the top right **file button** to save.
3. The Safe Form window will open, click “**OK**” to save.

1.5 E2P – COPD – Visit Form

Look for the **E2P – COPD Chronic Obstructive Pulmonary Disease Tool** in the **Standard Forms** list.

Click on the tool name line to open the tool.



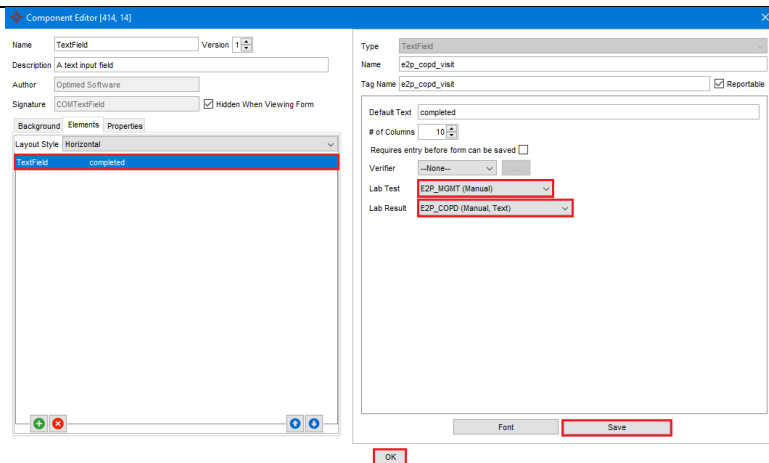
Once the tool appears, following the red highlighted area, click: **“completed”**
Right-click and select **Edit**.

E2P_COPD -> completed

On the left panel, select:
TextField – completed

On the right panel,
Click Lab Test and select
“E2P_MGMT”.
Click Lab Result and select
“E2P_COPD (Manual, Text)”.

Important* Click **Save** and then click **OK**.



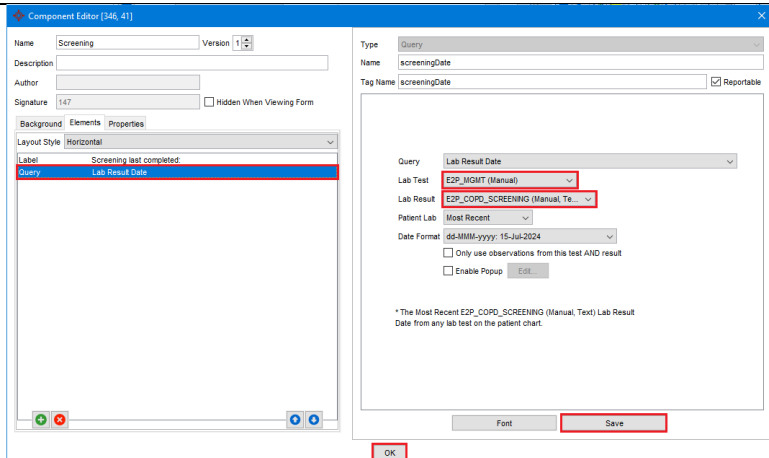
Following the red highlighted area, click: **“Screening last completed:”**
Right-click and select **Edit**.

E2P_COPD_SCREENING -> Screening last completed:

On the left panel, select:
Query – Lab Result Date

On the right panel,
Click Lab Test and select
“E2P_MGMT”.
Click Lab Result and select
“E2P_COPD_SCREENING (Manual, Text)”.

Important* Click **Save** and then click **OK**.



Following the red highlighted area, click: **“Visit form last completed:”**
Right-click and select **Edit**.

E2P_COPD -> **Visit form last completed:**

On the left panel, select:
Query - Lab Result Date

On the right panel,
Click Lab Test and select
“E2P_MGMT”.
Click Lab Result and select
“E2P_COPD (Manual, Text)”.

Important* Click **Save** and
then click **OK**.

Click the area to the left of the red highlighted box titled: **“dxStatusCOPD”**.

Right-click on the blue area/textbox and select **Edit**.

Update status: **dxStatusCOPD**

dxStatusCOPD Step 1/3:
On the left panel, select:
Query - Lab Result

On the right panel,
Click Lab Test and select
“E2P_MGMT”.

Click Lab Result and select
“dxStatusCOPD (Manual, Text)”.

Important* Click **Save** and then proceed to **dxStatusCOPD Step 2/3**. **Do not click OK yet.**

dxStatusCOPD Step 2/3:

On the left panel, select:
Query – Lab Result Date

On the right panel,
Click Lab Test and select
"E2P_MGMT".

Click Lab Result and select
"dxStatusCOPD (Manual, Text)".

Important* Click **Save** and then proceed to **dxStatusCOPD Step 3/3**. Do not click OK yet.

dxStatusCOPD Step 3/3:

On the left panel, select:
TextField

On the right panel,
Click Lab Test and select
"E2P_MGMT".

Click Lab Result and select
"dxStatusCOPD (Manual, Text)".

Important* Click **Save** and
then click **OK**.

On the right side of the tool:

Click the area to the left of
the red highlighted box titled:
"<- FEV1/FVC (post)".

Right-click on the blue area
and select **Edit**.

On the left panel, select:
LabComboBox - Lab test:
COPD Lab Result: FEV1FVC
(post)

On the right panel,
Click Lab Test and select
"**COPD (E2P)**".
Click Lab Result and select
"**FEV1/FVC (Manual,**
Numeric)".

Important* Click **Save** and
then click **OK**.

Click the area to the left of
the red highlighted box titled:
"**<- LLN FEV1/FVC**".

Right-click on the blue area
and select **Edit**.

On the left panel, select:
LabComboBox - Lab Test:
COPD Lab Result: LLN
(FEV1/FVC)

On the right panel,
Click Lab Test and select
"**COPD (E2P)**".
Click Lab Result and select
"**LLN FEV1/FVC (Manual,**
Text)".

Important* Click **Save** and
then click **OK**.

Click the area to the left of the red highlighted box titled: "**<-FEV1%pred(post)**".

Right-click on the blue area and select **Edit**.

On the left panel, select:
LabComboBox – Lab Test:
COPD Lab Result: FEV1% predicted (post)

On the right panel,
Click Lab Test and select
"**COPD (E2P)**".
Click Lab Result and select
"**FEV1% predicted (Manual, Numeric)**".

Important* Click **Save** and then click **OK**.

Scroll down to the bottom of the page.

Click the area to the left of the red highlighted box titled: "**-> FEV1%predicted(post) (3)**"
Right-click on the blue area and select **Edit**.

FEV1 Step 1/3:

On the left panel, select:
Query – Lab Result

On the right panel,
Click Lab Test and select
“**COPD (E2P)**”.

Click Lab Result and select
“**FEV1% predicted (post)**
(Manual, Numeric)”.

Important* Click **Save** and then proceed to **FEV1 Step 2/3**. Do not click OK yet.

FEV1 Step 2/3:

On the left panel, select:
Query – Lab Result Date

On the right panel,
Click Lab Test and select
“**COPD (E2P)**”.

Click Lab Result and select
“**FEV1% predicted (post)**
(Manual, Numeric)”.

Important* Click **Save** and then proceed to **FEV1 Step 3/3**. Do not click OK yet.

FEV1 Step 3/3:

On the left panel, select:
LabComboBox – Lab Test:
COPD Lab Result: FEV1%
predicted (post)

On the right panel,
Click Lab Test and select
“**COPD (E2P)**”.

Click Lab Result and select
“**FEV1% predicted (post)**
(Manual, Numeric)”.

Important* Click **Save** and
then click **OK**.

Click the area to the left of the red highlighted box titled: “-> CAT (3)”

Right-click on the blue area and select **Edit**.

CAT Step 1/3:

On the left panel, select:
Query – Lab Result

On the right panel,
Click Lab Test and select
“COPD (E2P)”.

Click Lab Result and select
“CAT (Manual, Numeric)”.

Important* Click **Save** and then proceed to **CAT Step 2/3**. Do not click OK yet.

CAT Step 2/3:

On the left panel, select:
Query – Lab Result Date

On the right panel,
Click Lab Test and select
“COPD (E2P)”.

Click Lab Result and select
“CAT (Manual, Numeric)”.

Important* Click **Save** and then proceed to **CAT Step 3/3**. Do not click OK yet.

CAT Step 3/3:

On the left panel, select:
LastComboBox Lab Test:
COPD Lab Result: CAT

On the right panel,
Click Lab Test and select
“**COPD (E2P)**”.

Click Lab Result and select
“**CAT (Manual, Numeric)**”

Important* Click **Save** and
then click **OK**.

Click the area to the left of the red highlighted box titled: “**-> MMRC (3)**”

Right-click on the blue area and select **Edit**.

MMRC Step 1/3:

On the left panel, select:
Query – Lab Result

On the right panel,
Click Lab Test and select
“**COPD (E2P)**”.

Click Lab Result and select
“**MMRC (Manual, Numeric)**”.

Important* Click **Save** and then proceed to **MMRC Step 2/3**. **Do not click OK yet.**

MMRC Step 2/3:

On the left panel, select:
Query – Lab Result Date

On the right panel,
Click Lab Test and select
“**COPD (E2P)**”.

Click Lab Result and select
“**MMRC (Manual, Numeric)**”.

Important* Click **Save** and then proceed to **MMRC Step 3/3**. Do not click OK yet.

MMRC Step 3/3:

On the left panel, select:
Query – Lab Result Date

On the right panel,
Click Lab Test and select
“**COPD (E2P)**”.

Click Lab Result and select
“**MMRC (Manual, Numeric)**”.

Important* Click **Save** and
then click **OK**.

Click the area to the left of the red highlighted box titled: “**-> AECOPD (mild, moderate, or severe)**”

Right-click on the blue area and select **Edit**.

AECOPD Step 1/5:

On the left panel, select:
Query – Lab Result

On the right panel,
Click Lab Test and select
"COPD (E2P)".

Click Lab Result and select
"AECOPD (mild, moderate or severe) (Manual, Text)".

Component Editor [20, 857]

Name: Medication Version: 1.5

Description: Acute exacerbations of COPD

Author: Optimized Software

Signature: COMLabel

Background Elements Properties

Layout Style: Custom

Label	Row	# of Columns
Query latest recorded AECOPD	1	4
Query Lab Result	2	1
Image 100px whitespace.png	3	3
Image 100px whitespace.png	4	1
Image 100px whitespace.png	5	3
Image 100px whitespace.png	6	1
Image 100px whitespace.png	7	2

Column spacing: 0

Type: Query

Name: latest_aecopd_most_recent_date

Tag Name: latest_aecopd_most_recent_date

Query: Lab Result

Lab Test: COPD (E2P)

Lab Result: AECOPD (mild, moderate or severe) (Manual, Text)

Patient Lab: Most Recent

Only use observations from this test AND result: ☐

Enable Popup: ☐

Font Save

Important* Click **Save** and then proceed to **AECOPD Step 2/5**. Do not click OK yet.

AECOPD Step 2/5:

On the left panel, select:
Query – Lab Result Date

On the right panel,
Click Lab Test and select
"COPD (E2P)".

Click Lab Result and select
"AECOPD (mild, moderate or severe) (Manual, Text)".

Component Editor [20, 857]

Name: Medication Version: 1.5

Description: Acute exacerbations of COPD

Author: Optimized Software

Signature: COMLabel

Background Elements Properties

Layout Style: Custom

Label	Row	# of Columns
Query latest recorded AECOPD	1	4
Query Lab Result	2	1
Image 100px whitespace.png	3	3
Image 100px whitespace.png	4	1
Image 100px whitespace.png	5	3
Image 100px whitespace.png	6	1
Image 100px whitespace.png	7	2

Column spacing: 0

Type: Query

Name: latest_aecopd_most_recent_date

Tag Name: latest_aecopd_most_recent_date

Query: Lab Result Date

Lab Test: COPD (E2P)

Lab Result: AECOPD (mild, moderate or severe) (Manual, Text)

Patient Lab: Most Recent

Date Format: dd-MMM-yyyy: 16-Jul-2024

Only use observations from this test AND result: ☐

Enable Popup: ☐

Font Save

Important* Click **Save** and then proceed to **AECOPD Step 3/5**. Do not click OK yet.

AECOPD Step 3/5:

On the left panel, select:
Query – Lab Result Date

On the right panel,
Click Lab Test and select
"COPD (E2P)".

Click Lab Result and select
"AECOPD (mild, moderate or severe) (Manual, Text)".

Component Editor [20, 857]

Name: Medication Version: 1.5

Description: Acute exacerbations of COPD

Author: Optimized Software

Signature: COMLabel

Background Elements Properties

Layout Style: Custom

Label	Row	# of Columns
Query latest recorded AECOPD	1	4
Query Lab Result	2	1
Image 100px whitespace.png	3	3
Image 100px whitespace.png	4	1
Image 100px whitespace.png	5	3
Image 100px whitespace.png	6	1
Image 100px whitespace.png	7	2

Column spacing: 0

Type: Query

Name: latest_aecopd_most_recent_date2

Tag Name: latest_aecopd_most_recent_date2

Query: Lab Result Date

Lab Test: COPD (E2P)

Lab Result: AECOPD (mild, moderate or severe) (Manual, Text)

Patient Lab: Most Recent

Date Format: dd-MMM-yyyy: 16-Jul-2024

Only use observations from this test AND result: ☐

Enable Popup: ☐

Font Save

Important* Click **Save** and then proceed to **AECOPD Step 4/5**. Do not click OK yet.

AECOPD Step 4/5:

On the left panel, select:
TextField

On the right panel,
Click Lab Test and select
"COPD (E2P)".

Click Lab Result and select
"AECOPD (mild, moderate or
severe) (Manual, Text)".

Row	# of Columns
1	4
2	1
3	3
4	1
5	3
6	1
7	2

Important* Click **Save** and then proceed to **AECOPD Step 5/5**. Do not click OK yet.

AECOPD Step 5/5:

On the left panel, select:
LabComboBox – Lab Test:
COPD Lab Result

On the right panel,
Click Lab Test and select
"COPD (E2P)".
Click Lab Result and select
"AECOPD (mild, moderate or
severe) (Manual, Text)".

Important* Click **Save** and
then click **OK**.

Row	# of Columns
1	4
2	1
3	3
4	1
5	3
6	1
7	2

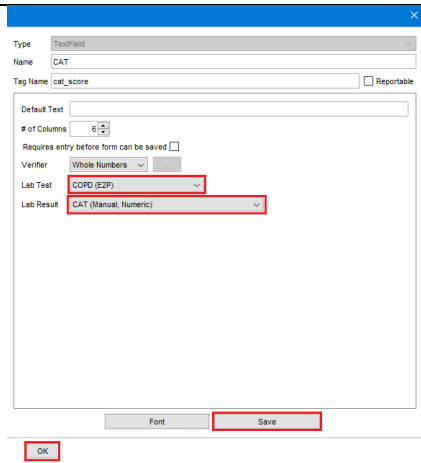
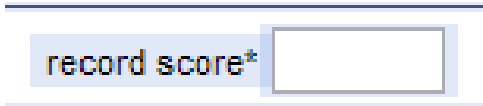
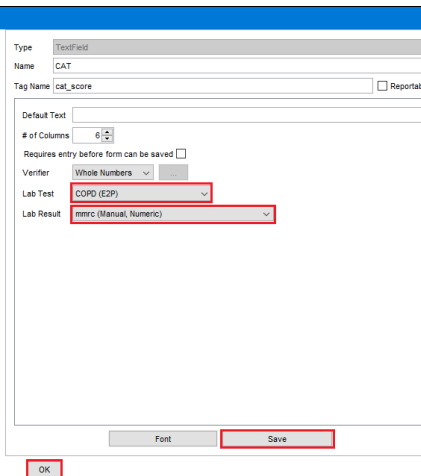
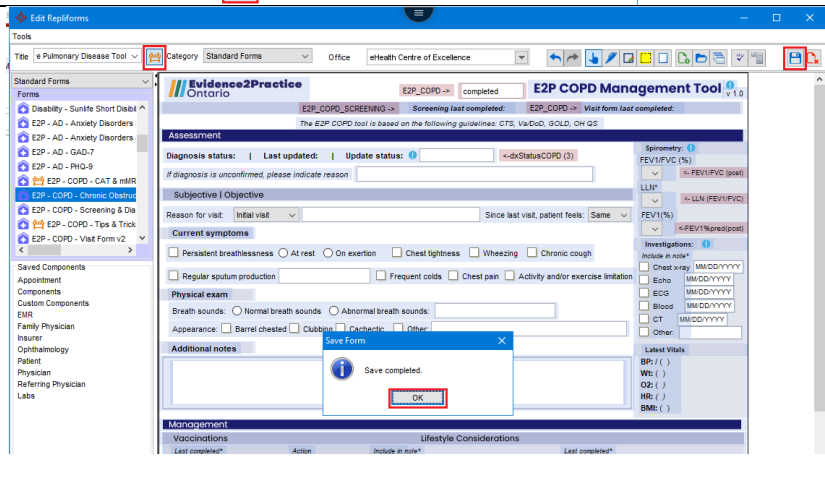
Click the save icon in the top
right corner.



Move to Page 2: Assessments

Navigate to the score box
under CAT Assessments.

Right-click on the textbox
and select **Edit**.

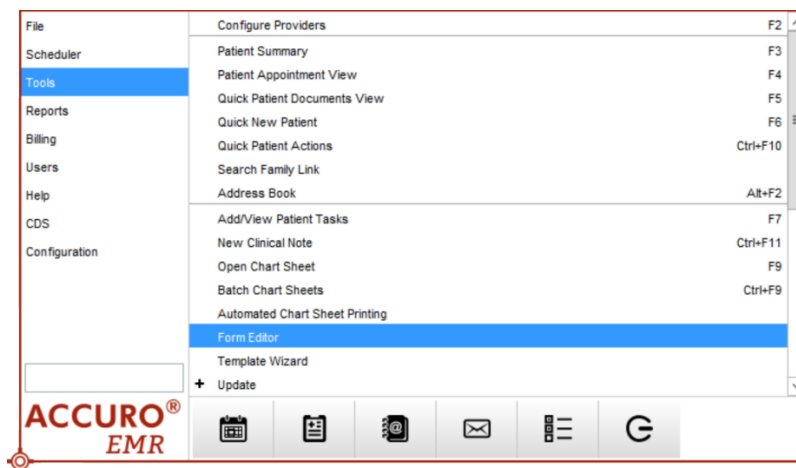
On the right panel, Click Lab Test and select "COPD (E2P)". Click Lab Result and select "CAT (Manual, Numeric)". Click Save and then click OK.	
Navigate to the score box under mMRC Assessments. Right-click on the textbox and select Edit.	
On the right panel, Click Lab Test and select "COPD (E2P)". Click Lab Result and select "mmrc (Manual, Numeric)". Click Save and then click OK.	
1. In the top left corner, click the orange construction sign to make it available; it will then turn blue. 2. Click on the top right file button to save. 3. The Safe Form window will open, click "OK" to save.	

New Tool Version Process

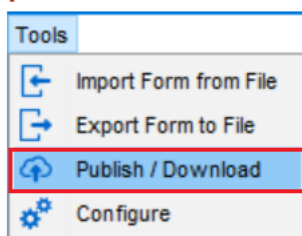
Once a new tool version has been released, please follow these steps to update the tool in your EMR. You might have been notified that a new version of the E2P COPD tool is available via email.

From the Accuro EMR click on the Accuro target menu icon (insert icon).

Select **Tools** followed by **Form Editor** to launch the form editor window.



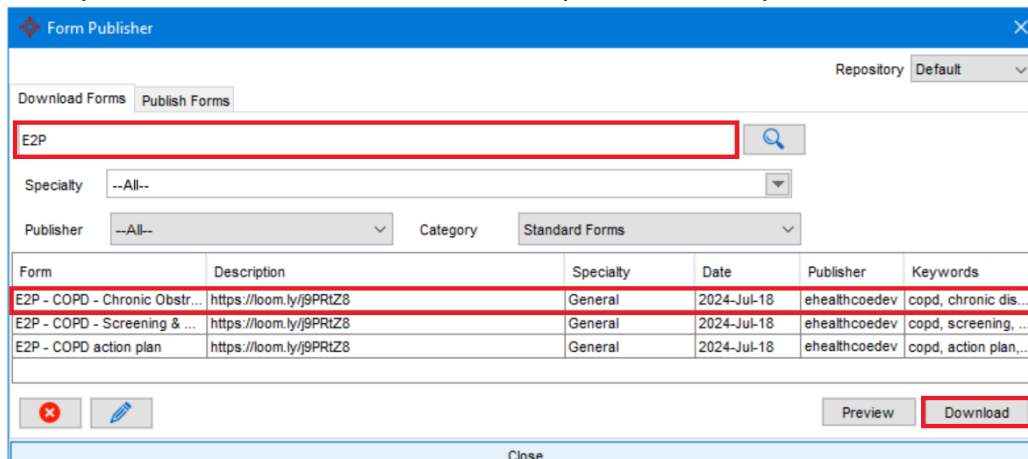
Within the Form Editor, click the top left **Tools** button and select the **Publish/Download** option.



The Form Publisher window will open.

To find the tool:

1. In **Red**, you enter "E2P" into the search bar.
2. Select the tools beginning with "E2P - COPD" in the list.
3. Finally, click **Download** for each one to import them into your Accuro EMR.



*Note that downloading this will replace the current version that is already in your EMR so you will not need to **recreate** the lab test or lab results you created initially but you will need to **map** the labs to the new version of the tool. To map the lab results, go to this section: [Mapping Form Elements](#).

Feedback

Included in the tool is a link to provide feedback which allows users to submit their thoughts and communicate any issues they've encountered or any areas they wish to see added to the tool. This section allows you to submit feedback anonymously or allows you to add your email address and name if you wish to be contacted.

* The link can be found in the COPD Management Tool at the bottom of page 1:

please [click here](#) to provide feedback for this tool

Contact

If you have any questions or need support, please reach out to EMRtools@amplifycare.com – thank you!

E2P brings together multi-disciplinary, cross-sector expertise under the joint leadership of the [Centre for Effective Practice](#), [Amplify Care](#), and [North York General Hospital](#). Funding and strategic guidance for E2P is provided by Ontario Health in support of Ontario's Digital First for Health Strategy.