



COLLEGE of AMERICAN
PATHOLOGISTS
Laboratory Quality Solutions

CAP electronic Cancer Protocol (eCP) XML Comparator User Guide

November 2024
Version 1.1

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Introduction

The rapid identification of eCP version changes is important for many reasons, such as: deciding whether to implement the latest eCP version, determining how to query eCP data across versions, and estimating the work involved in updating to the latest eCP version.

The eCP XML Comparator is a browser-based tool that allows users to compare any two versions of an eCP XML template. The tool reads eCP XML files from the CAP eCP XML repository or from locally-stored eCP XML files. The tool's various file comparison visualizations and reports will enable users to identify all eCP content and metadata changes over time.

This user manual provides instructions for accessing the eCP XML Comparator from the CAP Website. It also provides an introduction to using the eCP XML Comparator, including instructions for viewing and interpreting File Comparison reports in the browser.

Comments and Contact Information

Please send comments or feedback to the CAP Cancer Protocols & Data Standards Team:

College of American Pathologists

Email: cancerprotocols@cap.org

Phone: 847-832-7700

Trademark and Copyright Notices

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System Compatibility

<div style="border: 1px solid red; padding: 5px; margin-bottom: 5px;"> Windows 7, 8, 8.1 & 10 Compatible; Not Recommended </div> Websites and Applications	Microsoft Internet Explorer (10, 11)	Microsoft Edge	Mozilla Firefox	Google Chrome	Notes
eCP XML Comparator Web Tool					<ul style="list-style-type: none"> ▪ HOW TO ADJUST BROWSER SETTINGS ▪ Enable pop-ups

<div style="border: 1px solid red; padding: 5px; margin-bottom: 5px;"> Mac OSX Compatible; Not Recommended </div> Websites and Applications	Mac Safari (7.1, 8, 9)		Mozilla Firefox	Google Chrome	Notes
eCP XML Comparator Web Tool					<ul style="list-style-type: none"> ▪ HOW TO ADJUST BROWSER SETTINGS ▪ Enable pop-ups

Login Instructions

There are two approaches to access and navigate the “CAP eCP XML Comparator” web tool.

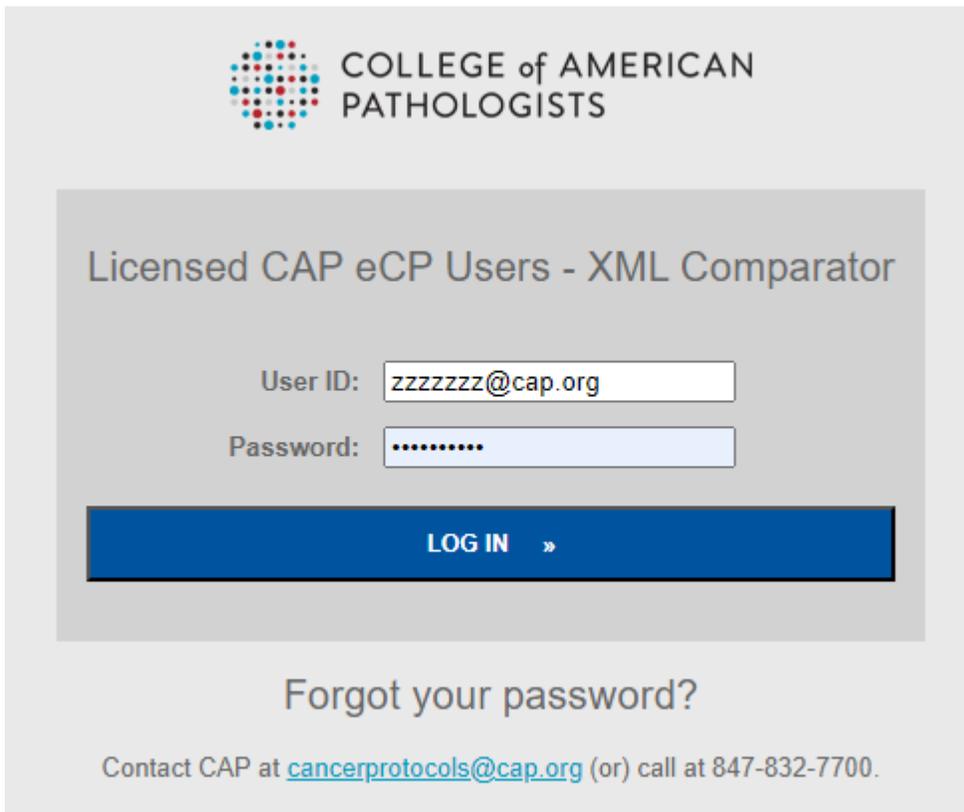
Approach 1 – Via the CAP Website

1. Click the following CAP website link <https://www.cap.org/protocols-and-guidelines/electronic-cancer-protocols>
2. Then click **Access eCP XML COMPARATOR**. This will take you to the **CAP eCP XML Comparator website** login page.
3. Use your login credentials (Same as download credentials)
 - a. **User ID:** Your specified email address (same as download Username)
 - b. **Password:** Your specified password (same as download password)

The screenshot displays the CAP website's navigation and content. At the top, there is a dark header with links for "Access e-LAB Solutions Suite", "Join the CAP", "Shop", and "Login". Below this is the CAP logo and a search bar. A secondary navigation bar includes "Member Resources", "Advocacy", "Laboratory Improvement", "Education", "Protocols and Guidelines", and "Publications". The main content area shows a breadcrumb trail: "Home > Protocols and Guidelines > CAP electronic Cancer Protocols". The title "CAP electronic Cancer Protocols" is prominently displayed. To the right, there are social media icons. A large banner features a video player with the text "Electronic Cancer Protocols: Taking Data Reporting to the Next Level". On the right side, a sidebar titled "Licensed electronic Cancer Protocols Users" contains two buttons: "Download electronic Cancer Protocols releases" and "Access the XML Comparator", with the latter button highlighted by a red rectangle.

Approach 2 – Via Direct Login to the “CAP eCP XML Comparator” Web tool

1. Click the following CAP eCP XML Comparator website link
<https://xmlcomp.cap.org/>
2. Enter your credentials (Same as download credentials)
 - a. **User ID:** Your specified email address (Same as download Username)
 - b. **Password:** Your specified password (Same as download password)
3. Click on “LOG IN” button to login as shown in the below.



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Licensed CAP eCP Users - XML Comparator

User ID:

Password:

LOG IN »

Forgot your password?

Contact CAP at cancerprotocols@cap.org (or) call at 847-832-7700.

CAP eCP XML Comparator Home Page

After clicking the “LOG IN” button, authorized users with an eCP license, will be directed to the home page.



Help | @cap.org | Logout
09/16/2024

eCP XML Comparator

Compare Files on CAP Repository Compare Your Local Files [View Release History](#)

Compare any two versions of eCP template from the CAP repository.

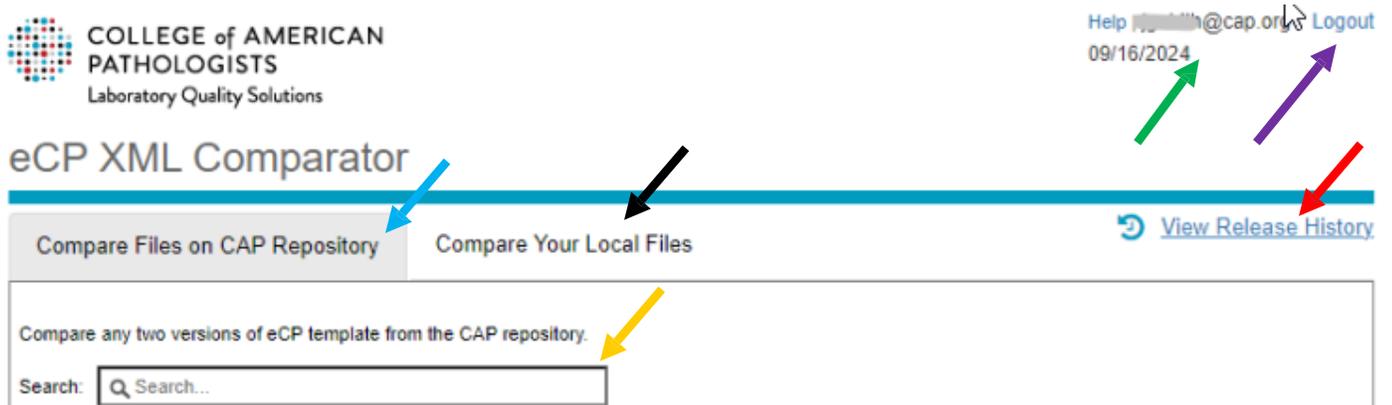
Search:

(TOTAL: 132, ACTIVE: 101, RETIRED: 31)

Template	New Version	Old Version	
ADRENAL GLAND [ACTIVE] Category: Endocrine Short Name: Adrenal.Bx.Res Current Version: 3.007.011.REL Release Date: 3/22/2023 Accreditation Date: 9/1/2023	<input type="text"/>	<input type="text"/>	COMPARE
AMPULLA OF VATER [ACTIVE] Category: Gastrointestinal Short Name: Ampulla.Res Current Version: 3.004.001.REL Release Date: 11/10/2021 Accreditation Date: 3/1/2022	<input type="text"/>	<input type="text"/>	COMPARE
ANUS: Abdominoperineal Resection [ACTIVE] Category: Gastrointestinal Short Name: Anus.AP.Res Current Version: 4.000.001.REL Release Date: 6/22/2022 Accreditation Date: 3/1/2023	<input type="text"/>	<input type="text"/>	COMPARE
ANUS: Local Excision [ACTIVE] Category: Gastrointestinal Short Name: Anus.Bx.TDE Current Version: 4.000.001.REL Release Date: 9/20/2023 Accreditation Date:	<input type="text"/>	<input type="text"/>	COMPARE
APPENDIX NEUROENDOCRINE TUMOR [ACTIVE] Category: Endocrine Short Name: Appendix.NET.Res Current Version: 3.000.001.REL Release Date: 12/13/2023 Accreditation Date: 9/1/2024	<input type="text"/>	<input type="text"/>	COMPARE
APPENDIX: Resection [ACTIVE] Category: Gastrointestinal Short Name: Appendix.Res Current Version: 4.001.001.REL Release Date: 12/14/2022 Accreditation Date: 9/1/2023	<input type="text"/>	<input type="text"/>	COMPARE

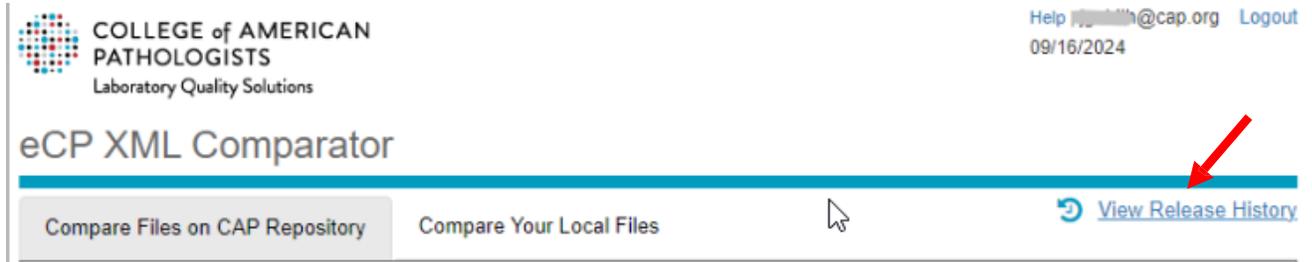
Home Page Features

- The username and current date information will be displayed in the upper right corner (**green arrow**)
- Click “Logout” (upper right, **purple arrow**), to return to the login page.
- Two tabs are presented on this page, which can be used to view “eCP File Comparison” Report
 - Compare Files on CAP Repository (**blue arrow**). This is the default view which shows list of all the eCP templates.
 - Compare Your Local Files (**black arrow**). This option allows users to choose local eCP template files
- This upper right link (**red arrow**) allows users to view the eCP Release history.
- The search box (**yellow arrow**) allows users to filter the eCP templates to provide a shorter list.



View Release History

The View Release History option is available on the upper right of the Home page.



View Release History allows users to download and review all of the eCP Release history in a scrollable list format. This report includes the eCP Release Name, Date, and Notes columns as shown below.

[Home](#) > [View Release History](#)

View Release History

Release Name	Date	Notes	Download
7/1/2003	7/1/2003	First publication of SNOMED CT-Encoded CAP Cancer Protocols (SECCC)	Download
1/1/2004	1/1/2004	Cancer Protocol updates for new checklists	Download
Version 1.2	7/1/2004	Change to version numbering scheme for documentation Minor wording changes Updated the plans for additional checklists	Download

Viewing the List of eCP Templates and Versions

When a user clicks on the **Compare Files on CAP Repository** tab (blue arrow), a list of eCP templates in alphabetical order will be displayed in a scrollable list view. The information is split into three columns: Template, New Version, and Old Version. The contents are described in the table below and shown in the next figure.

Template	This column will contain Name of the eCP Template Additional sub information is presented on new lines, separated by pipe delimiters:	
	Category	This is a grouper
	Short Name	This is the unique short name not present in the eCP XML file
	Current Version	This is the latest eCP Release version
	Latest Release Date	This is a latest eCP Release date
New Version	This is a dropdown list showing all the released versions, so a user can select any specific version.	
Old Version	This is a dropdown that will display available older versions based on the user's New Version selection.	

Note: New Version and Old Version drop down lists show the eCP Release date. The eCP Release date (black arrow) may be different from the protocol web posting date.

A user can also search (yellow arrow) for any specific eCP templates based on various search criteria. The search criteria are Category, Short Name, Current Version, and Release Date. When a user enters a search value (e.g., "adrenal" or "2017"), then the corresponding results will be displayed.

The screenshot shows the 'eCP XML Comparator' interface. At the top, there are two tabs: 'Compare Files on CAP Repository' (highlighted with a blue arrow) and 'Compare Your Local Files'. To the right is a 'View Release History' link. Below the tabs, a message says 'Compare any two versions of eCP template from the CAP repository.' followed by a search input field (highlighted with a yellow arrow). Below the search field, a summary line reads '(TOTAL: 132, ACTIVE: 101, RETIRED: 31)'. The main content area displays a table with columns: 'Template', 'New Version', and 'Old Version'. The first row shows 'ADRENAL GLAND [ACTIVE]' with details: 'Category: Endocrine | Short Name: Adrenal.Bx.Res', 'Current Version: 3.007.011.REL | Release Date: 3/22/2023 | Accreditation Date: 9/1/2023'. There are dropdown menus for 'New Version' and 'Old Version', and a 'COMPARE' button. A black arrow points to the 'Release Date' field in the details.

Comparison of Files on the CAP Repository

We now describe how to compare two eCP versions. A user can select the two specific versions to compare. A New Version and an Old Version are selected from the dropdown boxes. When the New Version template is selected, the Old Version list will only display versions that are older than the new version selected. Once both selections are made, the **COMPARE** button (black arrow) will be enabled.

Template	New Version	Old Version
ADRENAL GLAND [ACTIVE] Category: Endocrine Short Name: Adrenal.Bx.Res Current Version: 3.007.011.REL Release Date: 3/22/2023 Accreditation Date: 9/1/2023	3.007.011.REL 3/22/2023	[Dropdown] COMPARE
AMPULLA OF VATER [ACTIVE] Category: Gastrointestinal Short Name: Ampulla.Res Current Version: 3.004.001.REL Release Date: 11/10/2021 Accreditation Date: 3/1/2022	[Dropdown]	2.000.000 12/29/2009 ECC 2.000.011 2/24/2010 ECC 2.000.012 5/20/2010 ECC 2.002.001 10/31/2011 ECC 2.003.001 11/21/2011 ECC 2.003.011 6/17/2012 ECC 2.004.001 10/1/2013 ECC 3.000.001 6/30/2017 ECC_ENH 3.001.001 8/11/2017 ECC_ENH 3.002.001 1/18/2018 ECC_ENH 3.002.011 2/28/2018 ECC_ENH 3.003.001.REL 2/27/2019 SDC 3.004.001.REL 2/26/2020 SDC 3.005.001.REL 6/30/2021 SDC 3.006.001.REL 11/10/2021 SDC 3.006.011.REL 12/17/2021 SDC 3.007.001.REL 12/14/2022 SDC
ANUS: Abdominoperineal Resection [ACTIVE] Category: Gastrointestinal Short Name: Anus.AP.Res Current Version: 4.000.001.REL Release Date: 6/22/2022 Accreditation Date: 3/1/2023	[Dropdown]	
ANUS: Local Excision [ACTIVE] Category: Gastrointestinal Short Name: Anus.Bx.TDE Current Version: 4.000.001.REL Release Date: 9/20/2023 Accreditation Date:	[Dropdown]	
APPENDIX NEUROENDOCRINE TUMOR [ACTIVE] Category: Endocrine Short Name: Appendix.NET.Res Current Version: 3.000.001.REL Release Date: 12/13/2023 Accreditation Date: 9/1/2024	[Dropdown]	

The user can now click the **COMPARE** button to view an eCP File Comparison Report (shown below). We will describe this report in detail later.

File Comparison Report

METADATA DROPDOWN TOGGLE OPTIONS SAVE OPTIONS DIFFERENCE TABLE

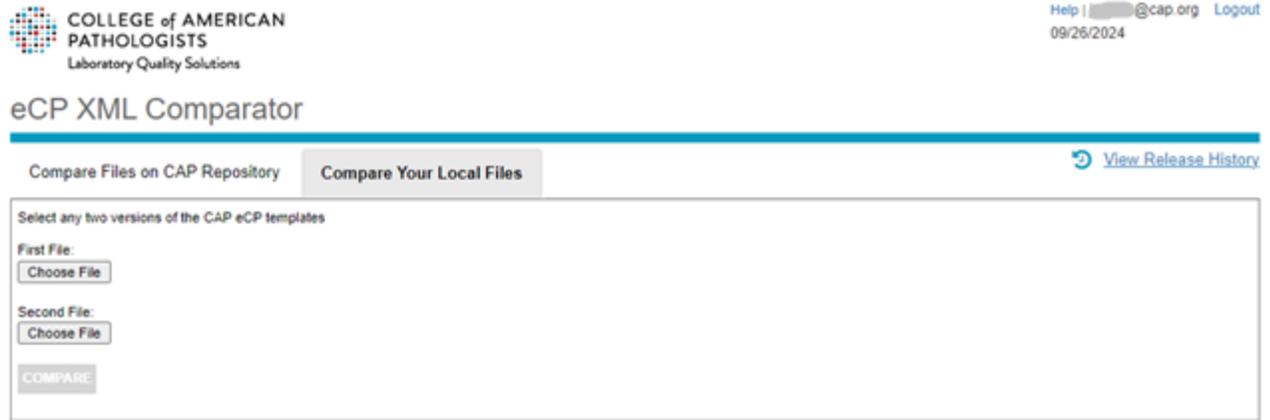
New Version	Old Version
File Name: Adrenal Bx.Res.129_3.007.011.REL_sdcFDF.xml	Adrenal Bx.Res.129_3.007.001.REL_sdcFDF.xml
Template Id: 129.100004300	129.100004300
Template Version: 3.007.011.REL	3.007.001.REL
Template Posting Date: 3/22/2023	12/14/2022

Show: All selected (6) Sync left and right forms | Note: Differences are marked in the later version of XMLs compared.

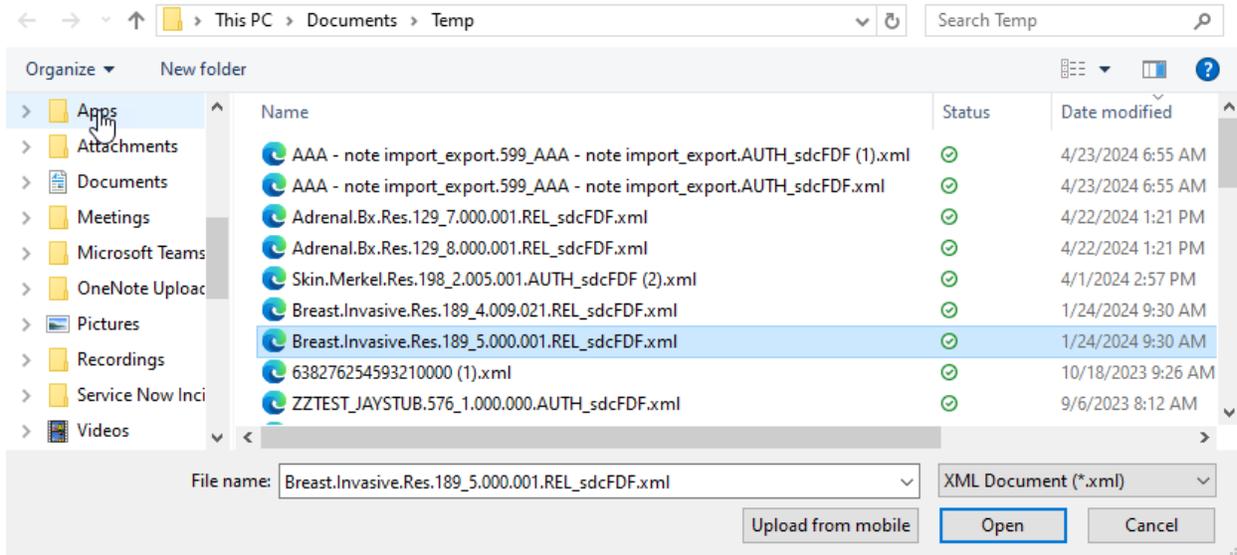
ADRENAL GLAND New	ADRENAL GLAND Old
GenericHeaderText : Surgical Pathology Category : Endocrine OfficialName : ADRENAL GLAND CAP_ProtocolName : Adrenal Gland CAP_ProtocolShortName : Adrenal Bx.Res CAP_ProtocolVersion : 4.3.1.0 CCP Ver TemplateID : 129.100004300 Restrictions : Please refer to the cancer protocol cover page (www.cap.org/cancerprotocols) for information about which tumor types and procedures can be reported using this template. CAP_Required : true AccreditationDate : 9/1/2023 WebPostingDate : 3/22/2023 Changed ReleaseStatus : REL AJCC_Version : 8th Edition	GenericHeaderText : Surgical Pathology Category : Endocrine OfficialName : ADRENAL GLAND CAP_ProtocolName : Adrenal Gland CAP_ProtocolShortName : Adrenal Bx.Res CAP_ProtocolVersion : 4.3.0.0 TemplateID : 129.100004300 Restrictions : Please refer to the cancer protocol cover page (www.cap.org/cancerprotocols) for information about which tumor types and procedures can be reported using this template. CAP_Required : true AccreditationDate : 9/1/2023 WebPostingDate : 12/14/2022 ReleaseStatus : REL AJCC_Version : 8th Edition

Compare Your Local Files

This tab allows the user to choose two versions of an eCP template from their locally stored eCP XML files to view an eCP File Comparison Report. The user can select the files for the new and old versions in any order.



The user clicks the top Choose File button to select a first eCP XML file from the local computer drive. Then the user clicks the next Choose File button to select a second eCP XML file from the local computer drive, as shown below.



When both files have been selected, the **COMPARE** button (**black arrow**) will be enabled as shown below.

The screenshot shows the 'eCP XML Comparator' web application. At the top left is the logo for the College of American Pathologists, Laboratory Quality Solutions. At the top right, there are links for 'Help', 'Logout', and the date '09/26/2024'. Below the header, there are two tabs: 'Compare Files on CAP Repository' and 'Compare Your Local Files'. A 'View Release History' link is also present. The main content area is titled 'Select any two versions of the CAP eCP templates'. It contains two file selection sections: 'First File:' and 'Second File:'. Each section has a 'Choose File' button and a file name: 'Breast.Invasive.Res.189_5.000.001.REL_sdcFDF.xml' and 'Breast.Invasive.Res.189_4.009.021.REL_sdcFDF.xml' respectively. At the bottom of this section, a blue 'COMPARE' button is highlighted with a black arrow pointing to it.

The user can then view an eCP File Comparison Report (next figure) by clicking the **COMPARE** button:

Note- The user can select the New and Old files in any order they wish, however the tool will always display the newer version in the left panel, and the older version in the right panel. Changes will always be displayed inside the left (newer) panel. Deprecated items will always display in the right (older) panel.

File Comparison Report Page

A user can generate a File Comparison Report using either the **Compare Your Local Files** or the **Compare Files on CAP Repository** tab option. This tool can be used to compare any two eCP files in any combination of eCP SDC, Enhanced and legacy eCC formats.

The File Comparison Report contains the basic features listed below. More details are described later. The **toggle buttons** are shown in the top figure on the next page.

- The File Comparison Report header shows the changes in the header section between the two eCP versions being compared.
- The File Comparison report has two panels (left for the new version, right for the old version). Changes are flagged in the left panel, and deprecated items are flagged in the right panel. The display of changes and other metadata (aside from the changed metadata) can be toggled on or off as needed with the **TOGGLE OPTIONS** function.
- There are four menu options available in the upper right corner: **METADATA DROPDOWN**, **TOGGLE OPTIONS**, **SAVE OPTIONS** and **DIFFERENCE TABLE**. These will be described later.
- A change filter option (available in the upper left corner, below the header section) can be selected from a dropdown list (labeled "Show"). The default setting is "All selected"
- Old and new eCP panels can be scrolled together or separately. This is controlled with a checkbox labeled "Sync left and right forms."
- Clicking on an ID in one panel will locate and align the same ID (if it exists) in the other panel.
- A spreadsheet of changes can be generated with the **DIFFERENCE TABLE** option.

File Comparison Report Header

The File Comparison Report *Header* section shows (see next figure):

- The two eCP files that were compared. Note that the file names and versions are different.
- Template Identifiers (these will be identical, except perhaps for trailing zeros)
- Template Versions (new version, older version) from inside the XML files
- Protocol web posting date (new date, old date)
- The “**Show**” dropdown list allows users to filter the types of changes that are displayed in the left panel.
- A Sync left and right forms checkbox that allows users to sync the left and right forms.



[Help](#) | [Logout](#)

eCP XML Comparator

[Home](#) > File Comparison Report

File Comparison Report

METADATA DROPDOWN ▼

TOGGLE OPTIONS ▼

SAVE OPTIONS ▼

DIFFERENCE TABLE

	New Version	Old Version
File Name:	Adrenal.Bx.Res.129_3.007.011.REL_sdcFDF.xml	Adrenal.Bx.Res.129_3.007.001.REL_sdcFDF.xml
Template Id:	129.100004300	129.100004300
Template Version:	3.007.011.REL	3.007.001.REL
Template Posting Date:	3/22/2023	12/14/2022

Show: All selected (6) ▼

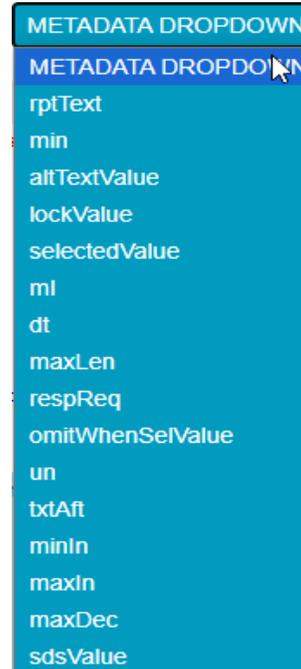
Sync left and right forms

| Note: Differences are marked in the later version of XMLs compared.

Metadata Dropdown Options

The METADATA DROPDOWN can be used to toggle individual metadata items. The METADATA DROPDOWN contains the following toggles:

- rptText (report text)
- min (min card)
- lockValue
- altTextValue
- selectedValue
- ml (must implement)
- maxLen (max length)
- dt (data type)
- respReq (response required)
- omitWhenSelValue
- minIn (min inclusive)
- maxIn (max inclusive)
- maxDec (max decimals)
- un (unit of measure)
- txtAft (text after)
- sdsValue (selection disables siblings)



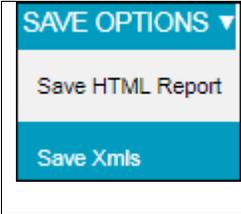
Toggle Options

Under the TOGGLE OPTIONS the first option is Metadata which when selected will toggle all metadata (If Metadata is selected the METADATA DROPDOWN will not be available). Other functions contained include the following:

Option	Description	Default
Metadata	This option allows user to show/hide XML metadata. The metadata are shown as icon overlays, and are described in the interpretation table below	Off
IDs	This option allows user to view the eCP template IDs (aka Ckeys) associated with each displayed item	On
Change	Controls the display of the change flags	On
Deprecated	Controls whether the deprecated flag displays.	On
All	Expand or collapse all sections and questions in the files	Expanded
Sections	Collapses all Sections	Expanded
Questions	Collapses all items under all questions	Expanded
Name	Displays the Name of each item (Combination of the item type and Ckey)	Off
SGUID	Short Globally Unique Identifier	Off
VisibleText	When toggled on it displays a flag when the Visible Text and Report Text do not match	Off

Save Options

This option allows users to download HTML packages using **Save HTML Report** option and download two versions of the specified XML files using **Save Xmls** option.

	Save HTML Report	This option allows users to save the 2-panel HTML Report in the format of a zip package, so they can view the File Comparison Report when offline.
	Save Xmls	This option allows users to save the selected versions of the XML files to their local workspace using the original versioned file names.

Difference Table

The DIFFERENCE TABLE button located in the Top Right of the File Comparison Report page is a link to the Difference Table page. This page allows a user to download and view the changes between the two versions of a protocol that are being compared. The information included contains the difference type, Item Type, Item CKey, Item Text, New Value, Old Value, Parent Item Type, and Parent CKey.

eCP XML Comparator

Home > File Comparison Report > **Difference Table**

Difference Table

New Version		Old Version	
File Name:	Adrenal.Bx.Res.129_3.007.011.REL_sdcPDF.xml	Adrenal.Bx.Res.129_3.007.001.REL_sdcPDF.xml	
Template Id:	129.100004300	129.100004300	
Template Version:	3.007.011.REL	3.007.001.REL	
Template Posting Date:	3/22/2023	12/14/2022	

[Download](#)

Show: All selected (7)

Difference Type	Item Type	Item CKey	Item Text	New Value	Old Value	Parent Item Type	Parent CKey
CAP Protocol Version				4.3.1.0	4.3.0.0		
Data Type	ListItem	378872.100004300	Specify percentage	decimal	int	Question	378869.100004300
MaxDecimals	ListItem	378872.100004300	Specify percentage	2		Question	378869.100004300
MinInclusive	ListItem	1873.100004300	Exact number (specify)	1	0	Question	45098.100004300
Template Version				3.007.011.REL	3.007.001.REL		
Title	Question	820445.100004300	?Biomarkers Confirming Adrenal Cortical Origin (select positive biomarker(s)) (required only if applicable)#	?Biomarkers Confirming Adrenal Cortical Origin (select positive biomarker(s)) (required only if applicable)#	?Biomarkers Confirming Adrenal Cortical Origin# (select positive biomarker(s))	Section	17880.100004300
Web Posting Date				3/22/2023	12/14/2022		

The user can filter the displayed change icons according to various change types using the **Show** dropdown option (**black arrow**):

eCP XML Comparator

Home > File Comparison Report > Difference Table

Difference Table

New Version		Old Version			
File Name:	Adrenal.Bx.Res.129_3.007.011.REL_sdcFDF.xml	Adrenal.Bx.Res.129_3.005.001.REL_sdcFDF.xml			
Template Id:	129.100004300	129.100004300			
Template Version:	3.007.011.REL	3.005.001.REL			
Template Posting Date:	3/22/2023	6/30/2021			

[Download](#)

Show: All selected (18) ▾

Difference Type	Item Text	New Value	Old Value	Item Type	Parent CKey
Accred		9/1/2023	3/1/2022		
Added	04300	Peri-adrenal adipose tissue		Question	820404.100004300
Added	04300	Large blood vessels		Question	820404.100004300
Added	04300	?Mitotic Tumor Grade (required for adult patients only) (Notes C, D)		Section	17876.100004300
Added	04300	Low grade (less than or equal to 20 mitoses per 10 mm2)		Question	820395.100004300
Added	04300	High grade (greater than 20 mitoses per 10 mm2)		Question	820395.100004300
Added	04300	Adrenal Gland Weight (Note G)		Section	17876.100004300
Added	04300	Site(s) Involved by Direct Tumor Extension		Section	17876.100004300
Added	04300	Confined to adrenal cortex without invasion into or through the adrenal capsule (if present)		Question	820404.100004300

Difference Table Report

The user can download this **Difference Table Report** in three formats using the “**Download**” dropdown list as shown below. The formats are XML, Excel and Pipe delimited.

Difference Table

	New Version	Old Version
File Name:	AdrenalGland_3.001.001_enh.xml	AdrenalGland_3.000.001_enh.xml
Template Id:	129.100004300	129.100004300
Template Version:	3.001.001.1000043	3.000.001.1000043
Protocol web posting date:	2017-08-30	2017-08-30

Show:

Difference Type	Item CKey	Item Text	New Value	Old Value
Added Item	43324.100004300	Tumor Extension	Tumor Extension	
Added Item	55555.100004300	Tumor confined to adrenal cortex without invasion through tumor	Tumor confined to adrenal cortex without invasion through tumor	

Download

- XML
- Excel
- Pipe delimited

Viewing File Comparison Report Changes as HTML

File Comparison Reports allows users to view flagged changes with colored icons (described at the end of this document). (Metadata icon flags are shown without an asterisk.) The flagged changes displayed on the form can be filtered with the Show dropdown list (**black arrow**). Change icons are always displayed with an asterisk (*) at the end of the icon text.

eCP XML Comparator

Home > File Comparison Report

File Comparison Report TOGGLE OPTIONS SAVE OPTIONS DIFFERENCE TABLE

New Version	Old Version
File Name: Adrenal.Bx.Res.129_3.007.011.REL_sdcFDF.xml	Adrenal.Bx.Res.129_3.005.001.REL_sdcFDF.xml
Template Id: 129.100004300	129.100004300
Template Version: 3.007.011.REL	3.005.001.REL
Template Posting Date: 3/22/2023	6/30/2021

Show: All selected (17) Sync left and right forms | Note: Differences are marked in the later version of XMLs compared.

17875 - SPECIMEN

820603 - Procedure **new*** (reset)

2122 - Adrenalectomy, total **parent***

2121 - Adrenalectomy, partial **parent***

2123 - Other (specify)

rptText:{no text}

dt:string

maxLength:4000

respReq

maxLength* **parent***

2124 - Not specified **parent***

52756 - Specimen Laterality **prevSibling*** (reset)

2126 - Right

2127 - Left

56812 - Bilateral

20866 - Other (specify)

rptText:{no text}

dt:string

17875 - SPECIMEN

42554 - Procedure **deprecated*** (reset)

50809 - Percutaneous needle biopsy **deprecated***

46633 - Endoscopic directed biopsy (specify radiographic technique)

rptText:Endoscopic directed biopsy

dt:string

respReq

deprecated*

2122 - Adrenalectomy, total

2121 - Adrenalectomy, partial

2123 - Other (specify)

rptText:{no text}

dt:string

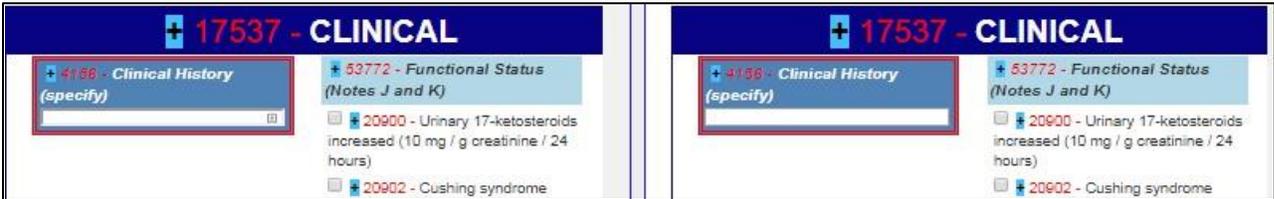
respReq

2124 - Not specified

52756 - Specimen Laterality (reset)

2126 - Right

Users can align the old and new versions of any specific eCP item, side-by-side in the split screen, by clicking on its ID. (In the case of a newly-added item, user will be shown “Item not found” message.)



Note: The ID is the number shown in red to the left of an eCP item.

Interpretation of Change Icons

The change icons provide detailed information about the various types of changes listed in the eCP XML Comparison Report. The various Change Types and corresponding color codes are described in the Interpretation of Symbols table below. Hovering above each icon will display a tooltip with a short definition, and new/old values as appropriate.

Metadata / Change flag Only (*)	Metadata Label	Change Flag Label	Description
"+"	+		Indicates @mustImplement = "false"; the item is optional to display in the form
ID (Ckey)	ID Number		Ckey number
Title Text	Title Text	Title Text*	Changes to section Title Text
Title Text	Title Text	Title*	Changes to all other items Title Text
SGUID	sGUID	sGUID*	Indicates sGUID ID
SGUID Number	e610f1b1-afb8	N/A	
rptText	rptText	rptText*	Changes to reportText
AltText	altText	altText*	Changes to alt-text
minCard	minCard	minCard*	Changes to minCard
ml (mustImplement)	ml	ml*	Changes to Must Implement
maxcard	maxCard	maxCard*	Changes to maxCard
opt (only for LI and LIR for all dataTypes)	opt	opt*	Any item made optional by adding + in front of the item text will be flagged as "opt"
ows (Omit When Selected)	ows	ows*	Changes to omitWhenSelected
sds (Selection Disables Siblings)	sds	sds*	Changes to selectionDeselectsSiblings (SDS)
sdac (selection Disables Children)	sdac	sdac*	Changes to selectionDisablesChildren (SDAC)
dt (dataType) (for all dataTypes)	dt	dt*	Changes to datatype attributes such as String, Integer, Decimal
un	un	un*	Changes to answer-units
txtAft (Text After)	txtAft	txtAft*	Changes to Text After Response
minInclusive	minIn	minIn*	Changes to Minimum Inclusive
maxInclusive	maxIn	maxIn*	Changes to Maximum Inclusive
maxDec	fractionDigits	fractDig*	Changes to Maximum Decimals
maxLength	maxLength	maxLen*	Changes to Maximum Length
respReq	respReq	respReq*	Changes to Response Required
readOnly	Locked	Locked*	Changes to Lock on item
Selected	SEL	SEL*	Changes to Selected
Restriction*	N/A	res*	Changes to <restrictions> content in <template-header> section
AJCC*	N/A	ajcc*	Changes to <version display-name="AJCC"> content in <template-header> section
FIGO*	N/A	figo*	Changes to <version display-name="FIGO"> content in <template-header> section
CAP Protocol Version*	N/A	CCP ver*	Changes to CAP Protocol Version*
CAP Required*	N/A	Accred Req*	Changes to CAP Required*
Accreditation Date*	N/A	Accred Date*	Changes to Accreditation Date*

Form Title*	N/A	formTitle*	Changes to Form Title*
Deprecated Item*	N/A	deprecated*	All items that were newly-deprecated (i.e., between the old to the new eCP versions) are flagged in the right/old panel, and the same newly-deprecated items are also flagged in the "(Deprecated Items)" sections at the bottom of the left/new
New*	N/A	new*	Flags new items in the left (new) panel
Parent Item Changed*	N/A	parent*	This flag indicates that the parent item above the current item has a different ID than in the older XML. This label therefore flags items that have changed parent- child position, or if the parent in the older XML was deprecated/replaced or a new parent was added. For answer list items, this flag always means that the parent question was deprecated and replaced. Note: In cases of a parent question change, child answer items are not flagged with parent* because this would result in too much screen clutter.
Previous Sibling Changed*	N/A	prevSib*	This flag indicates that the previous sibling above the current item has a different ID than in the older XML. This flags items if the previous sibling in the older XML was moved or deprecated, or if a new sibling was added before the current item.
Required Status*	N/A	req*	Changes to Required Status*

Note: The change icons are displayed in the left/new panel only. However, deprecated icons are displayed in the right panel also. The "(Deprecated Items)" section may be optionally displayed at the bottom of each panel.