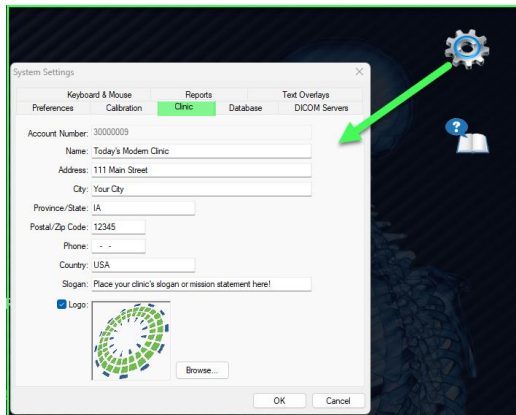


Creating an AOMSI Radiology Report

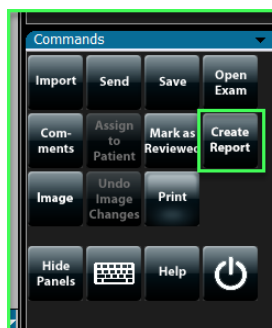
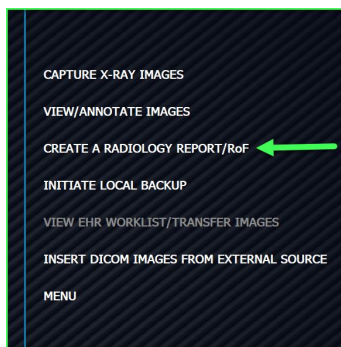
Before you start your first radiology report on that computer, populate your **Clinic** tab under **System Settings**. The Clinic tab is local to that install.

The username located on the bottom left corner of the Control Center will become the author of the report. To change the username, select the power button on the bottom right corner and select **Logout**. Once you select an option on the Control Center you will be prompted to log in.

Prior to creating your AOMSI report, use the **Advanced Line Analysis** tool on the **View/Annotate** screen and draw measures on your Cervical views.



To create a report, you can select **Create a Radiology Report/ROF** on the Control Center, or you can use the **Create Report** button on the **View/Annotate** screen.



When you use the **Create a Radiology Report/ROF** you will search for the patient and select the exam date to get to the **Create a Report** screen.

The **Create Report** button on the View/Annotate screen will take you directly to the **Create a Report** screen for that patient, that exam.

Create a Report - Polly PI

Report Type

- Evaluation Report
- Comparative Report
- AOMSI Report
-
-

Report Title:
Radiology Report for Cervical Spine AOMSI Evaluation and Ligament Injury Analysis

Author: Mary Smith

Injury Date: Aug 13 2020

Report Date: Apr 07 2025

< Back Exit Clear Data Next >

Report Type: Select AOMSI (*Alteration of Motion Segment Integrity*) Report.

Report Title: *Radiology Report for Cervical Spine AOMSI Evaluation and Ligament Injury Analysis* is the default; you can edit.

Author: Defaults to the user that is logged in when the report was started.

Injury Date: Defaults to the exam date, you can edit.

Report Date: Defaults to the current date.

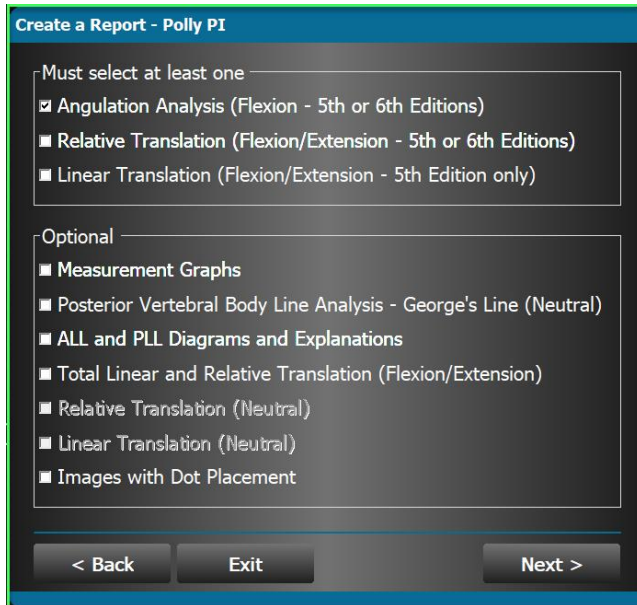
Click **Next** to continue.

On the **Create a Report** screen is where you select the contents for your AOMSI report.

The first section will depend upon whether you are reporting the 5th and/or 6th Edition.

The **Optional** section lets you select additional information to appear in the report.

If the image does not have Advanced Line Analysis measures drawn on them or the appropriate measure, the correlating selections on the **Create a Report** screen will not be active and you will be unable to add them to the report.

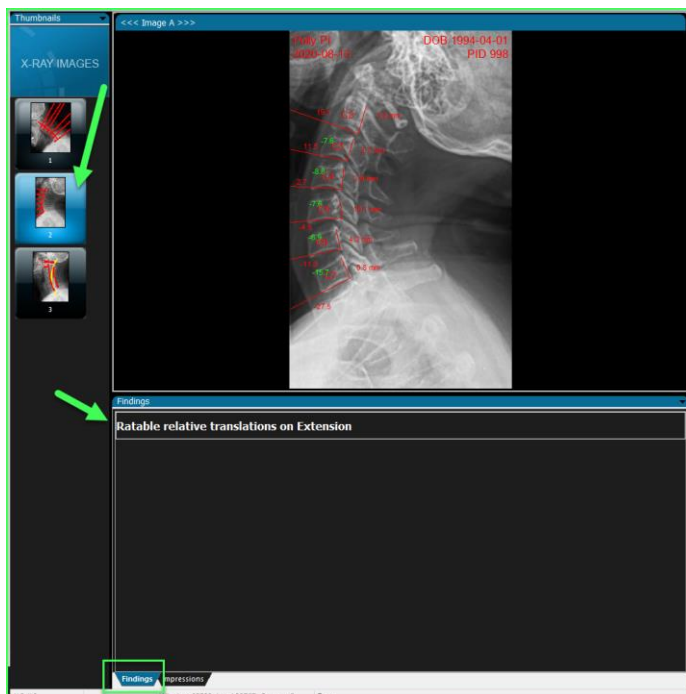


The software automatically starts the AOMSI report based upon the items selected on the above **Create a Report** screen.

The image(s) pertaining to the selected options will automatically be added to the AOMSI report with your drawn measurements once you click the **Next** button.

The AOMSI report will list the images in the thumbnail in the order those views are used in the report.

Select the information you want to appear on the AOMSI report and select the **Next** button.



On the **Radiology Report/RoF** screen you will have the option to add the findings and impressions to the report using the **Findings** tab and **Impressions** tab at the bottom of the screen.

For either of these to appear, the image needs to be included in the report (options selected on the prior screen, Create a Report), then select an image in the thumbnail.

The **Findings** tab will then populate with the outcomes from the Advanced Line Analysis drawn on that image. If multiple findings are present, they will be listed in alphabetical order.

Select the white text to add the findings to the report.

They will be added to the report in the order you select them. Once they are added, the text turns blue.

To remove findings from the report, click on the blue text.

Report Preview

Today's Modern Clinic
111 Main Street,
Your City, IA 12345

Radiology Report for Cervical Spine AOMSI Evaluation and Ligament Injury Analysis

Patient: Polly PI Sex: Female DOB: Apr 1, 1994 (31y) Views: Cervical Flexion, Cervical Extension, Cervical Neutral	Referring Physician: Unprovided Injury Date: Aug 13, 2020 Report Date: Apr 21, 2025	Study Date: Aug 13, 2020 SID: 100 cm DPI: 117 dpi
---	--	--

The patient's appropriate radiographs of the cervical spine were analyzed using quantitative analysis of the lateral views including flexion and extension. This biomechanical evidence-based practice evaluation was focused on determining if Alteration of Motion Segment Integrity (AOMSI) is present using the most scientific methods as described by the American Medical Association's Guides to the Evaluation of Permanent Impairment.¹⁻⁸ Additional biomechanical analysis and measurements of the cervical spine radiographs were also evaluated for evidence of ligament injury and spinal structural integrity using scientific methodologies from the published literature.⁹⁻²⁰ The findings described in this report require clinical correlation with the patient's functional history, mechanism of injury, symptoms, physical examination findings, and applicable clinical studies. The radiographs in this study are adequate for the image quality requirements and technical factors expected.¹⁻⁸ Any permanent impairment declarations require that the images utilized in this study are at or after maximum medical improvement (MMI) for the patient.^{5,10} The AMA Guides® describe translation and angulation methods to determine if AOMSI is present by measuring the cervical spine vertebral alignment biomechanics including vertebral motion segment displacement that can demonstrate evidence of ligamentous injury. Further explanation of impairment determination and the measurements and corresponding calculations are described below, in the tables, and in the figures, on subsequent pages of this report.

Discussion of Findings:

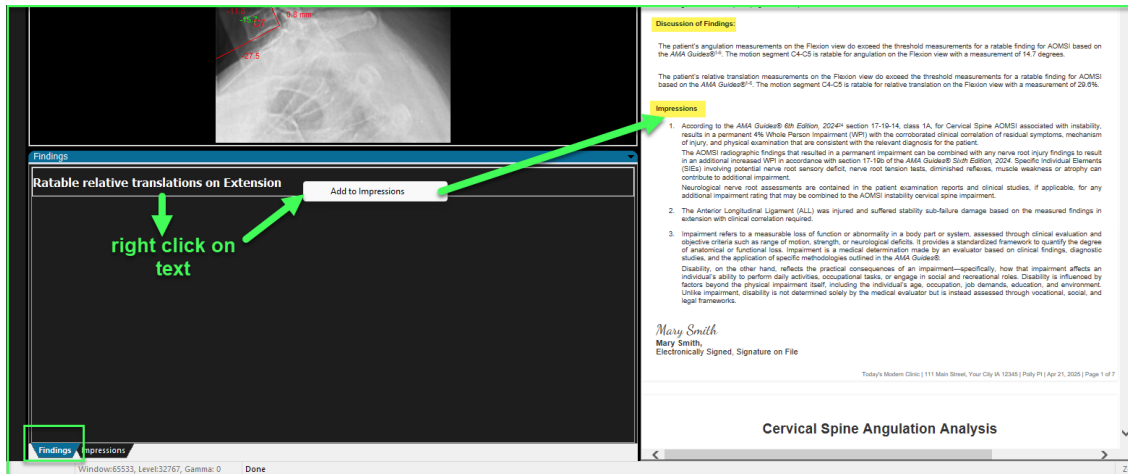
The patient's relative translation measurements on the Extension view do exceed the threshold measurements for a ratable finding for AOMSI based on the AMA Guides®¹⁻⁶. The motion segment C5-C6 is ratable for relative translation on the Extension view with a measurement of 29.1%.

Impressions

Mary Smith
Mary Smith,
Electronically Signed, Signature on File

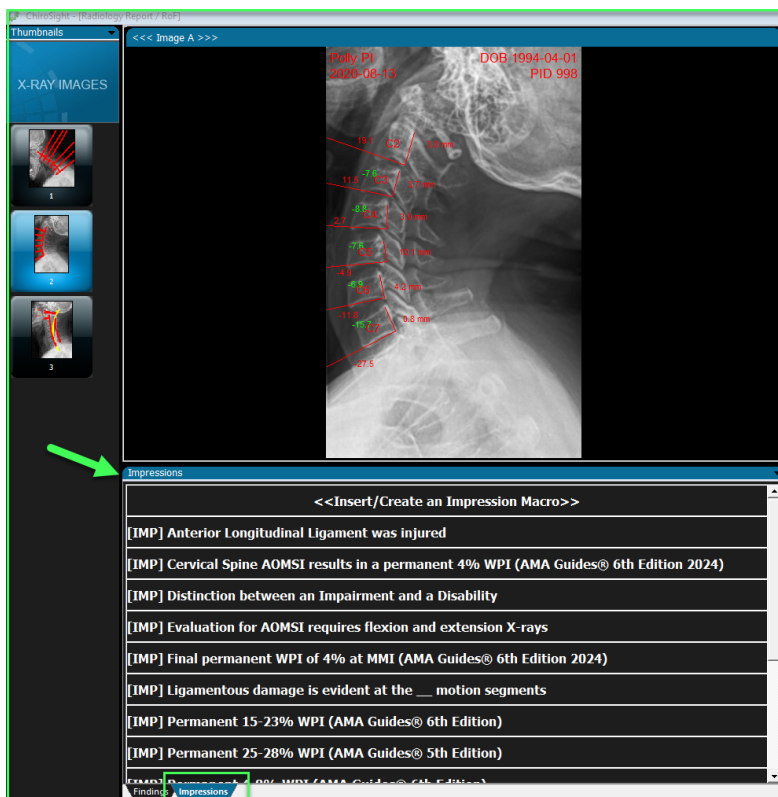
If you want the findings added to the report's Impression section instead of the Discussion of Findings section, right click on a finding allows you to do this for the report you are creating.

The text will turn blue as it is on the report. To remove from the report, click on the blue text.



On the **Impressions** tab, the software has prebuilt impression macros. For these to appear, the image needs to be included in the report (options selected on the prior screen, Create a Report). Select an image in the thumbnail if you have not already selected it for the Findings tab.

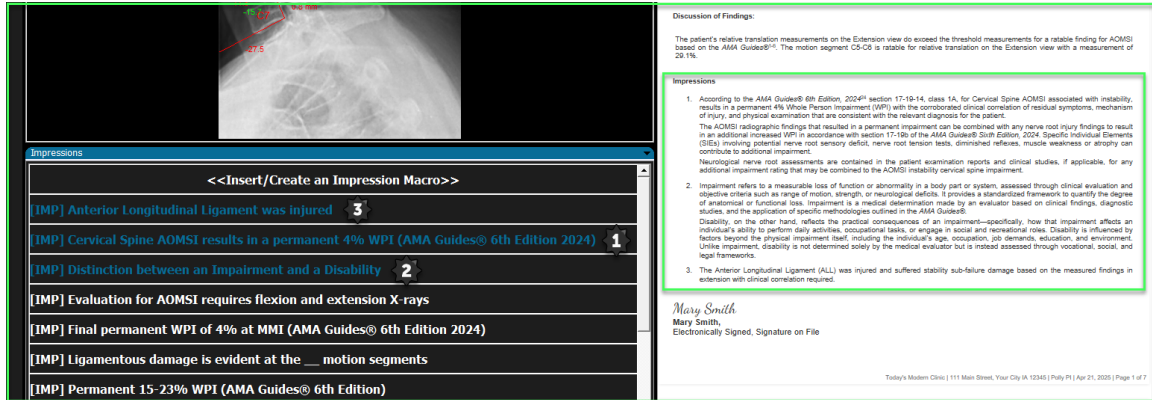
The Impressions tab will populate in alphabetic order with the prebuilt impressions *if the criteria on the drawn Advanced Line Analysis outcomes are met for that specific impression.*



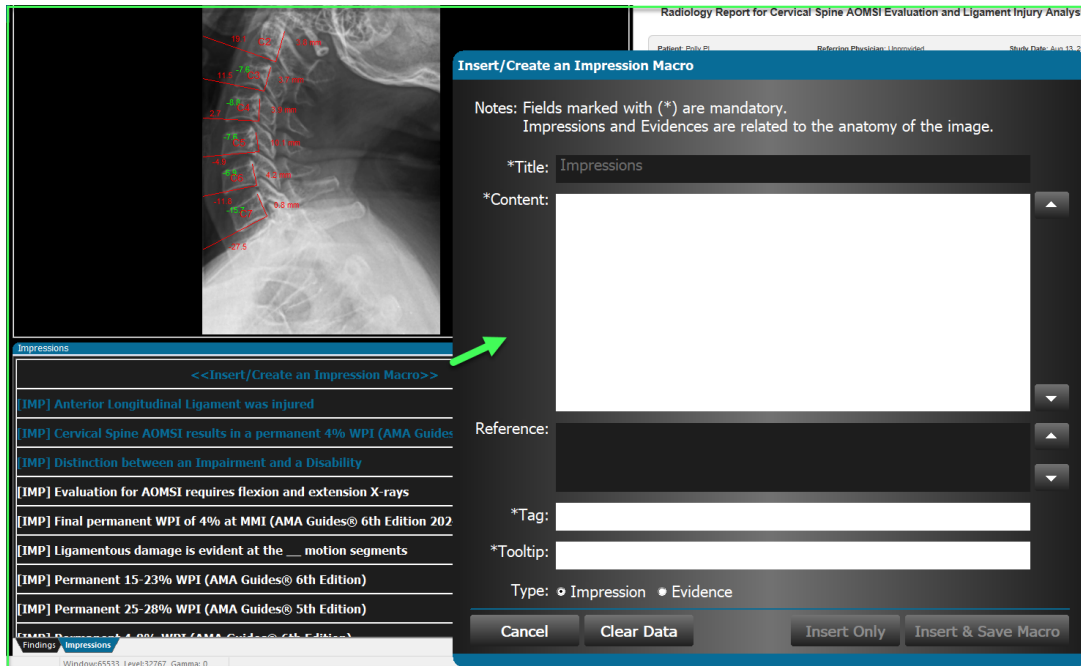
Select the white text to add the impression to the report.

They will be added to the report in the order you select them. Once they are added, the text turns blue.

To remove an impression from the report, click on the blue text.



To create your own impression, select <<Insert/Create an Impression Macro>> at the top of the Impressions tab.



Title – This is the title of the section on the report. When the Insert/Create an Impression macro screen opens, the Title defaults to Impressions. It is not editable unless you change the Type to Evidence. Max characters allowed are 200.

Content – This is the body of the impression or evidence you are creating, and it appears on the report below the title. Max characters allowed are 4000.

Reference – Used to list the source (i.e., book, journal, or author) the evidence came from. References are listed on the report at the bottom of the Evidence in a smaller font size. It is only active when you are creating an Evidence type macro. Max characters allowed are 500.

Tag – The Tag is what you will see to select a previously created macro. It appears on the Impressions tab when saved. It automatically populates with what you enter in the Content box, with ability to be edited. Max characters allowed are 50.

Tooltip – Appears when you hover on the Tag. Used to provide additional information for the Impression or Evidence. It automatically populates with what you enter in the Content box, with ability to be edited. Max characters allowed are 50.

Type – This defaults to Impression with ability to change the type. When you create an Evidence macro, the Title and Reference fields become editable.

The Impression type can be used to report your interpretation of the image.

The Evidence type can be used to add supporting information from a research article or journal.

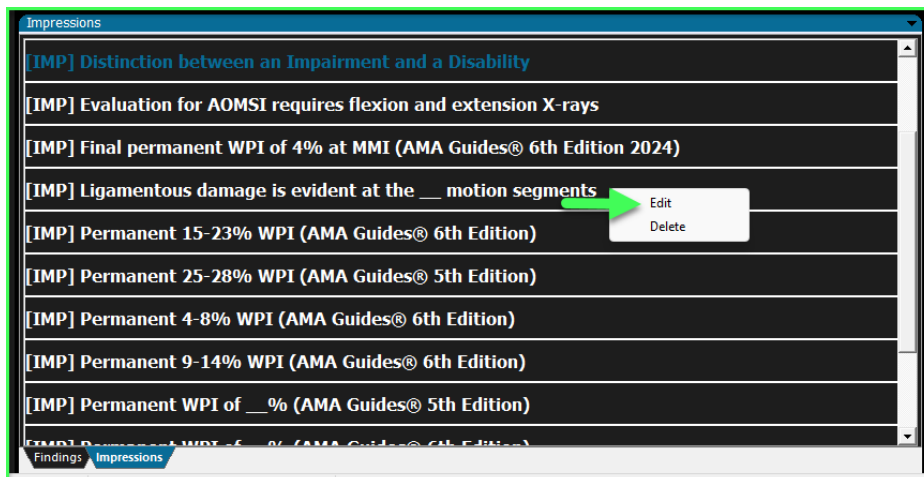
Cancel – Will close the Insert/Create Impression Macro screen without saving.

Clear Data – Clears the data from all boxes on the macro to start over.

Insert – Uses the macro you created for just this report. It does not save it for future reports. This does not allow you to edit the macro once it is added to the report.

Insert & Save – Uses the macro you just created for the current report and saves it on Impressions tab to use in future reports for that view.

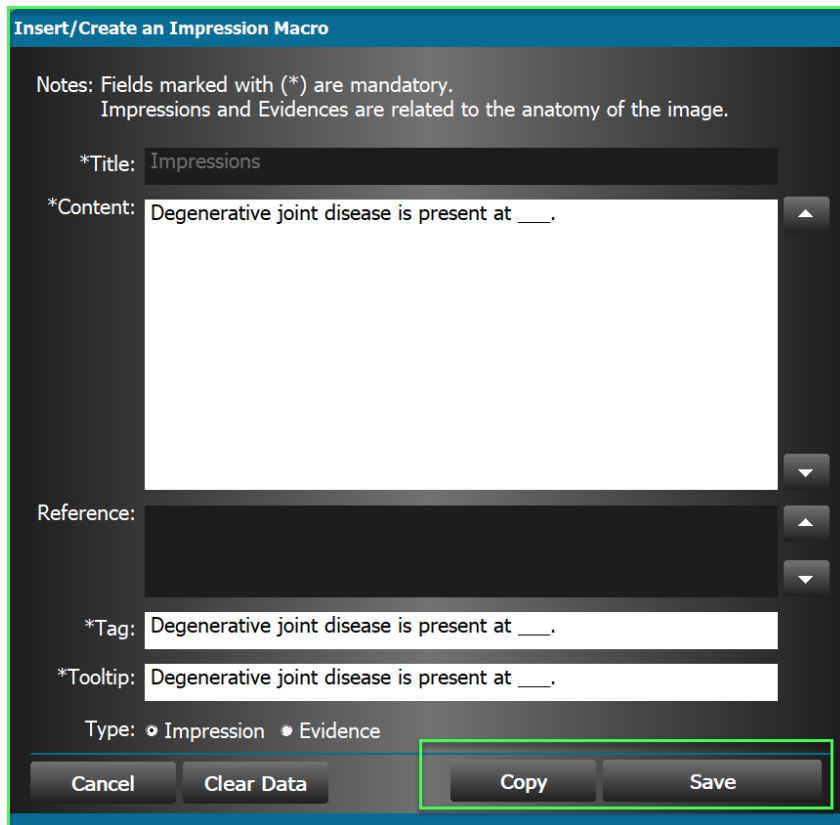
To Edit or Delete an existing impression macro, simply right click on it, and select the desired action.



The macro cannot be in the current report. If it is, click on the blue text to remove it from the report, then right click on the white text.

Delete – Will delete the macro from the Impressions tab.

When you **Edit** a macro, you have the option to Copy or Save.



Insert/Create an Impression Macro

Notes: Fields marked with (*) are mandatory.
Impressions and Evidences are related to the anatomy of the image.

*Title: Impressions

*Content: Degenerative joint disease is present at ____.

Reference:

*Tag: Degenerative joint disease is present at ____.

*Tooltip: Degenerative joint disease is present at ____.

Type: Impression Evidence

Cancel Clear Data Copy Save

Copy – Allows you to customize the macro for that report instance and creates a temporary macro. The tag will have (Temp1) at the end of it as the first template. When you exit that report, the temporary macro does not get saved on the Impressions tab. The original macro will remain.

You can only copy an original macro, not a temporary one.

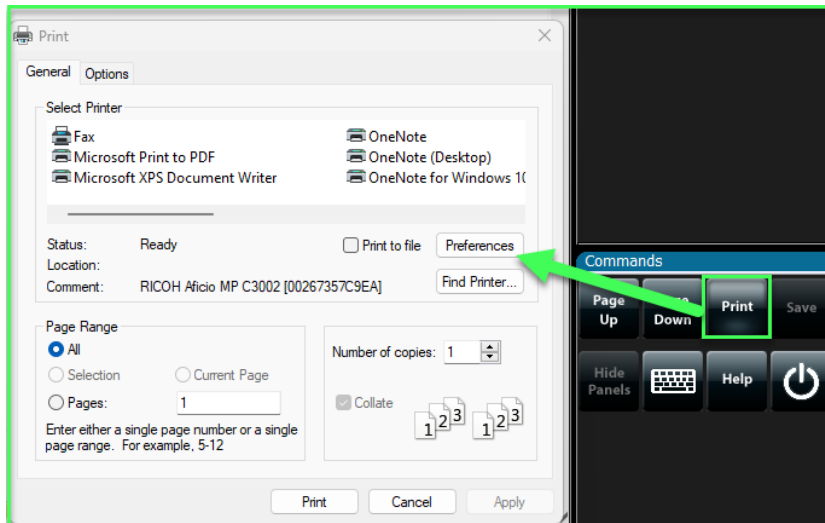
Save – Allows you to edit the contents of that macro and save it, replacing the original contents.

All AOMSI impression macros are centralized. You will have access to them when you create an AOMSI report on any PC that has our software installed.

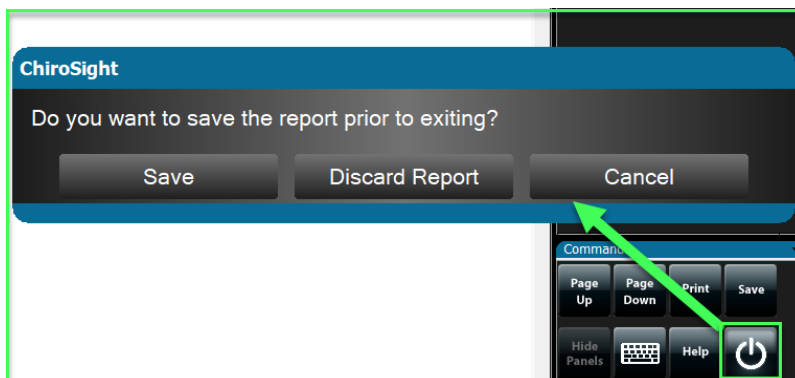
When you are done adding the Findings or Impressions for that image, select another image in the thumbnail and repeat the process for that view.

On the Impressions tab for the next image, you may notice some macros already added to the report from the first image that pertain to this image as well.

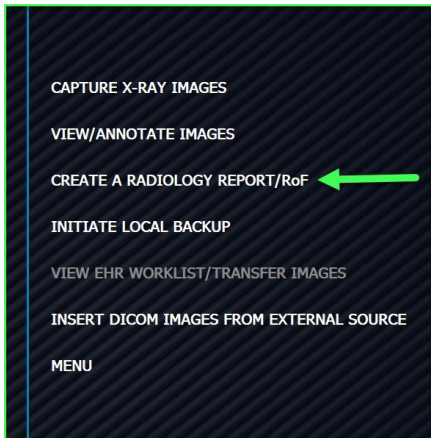
When you are done creating the report you can use the **Print** button to print the report on paper or create a PDF document of the report if you have a Print to PDF option.



Use the **Exit** button to exit the report. You will then be prompted to **Save, Discard** or **Cancel** out of the exit request.

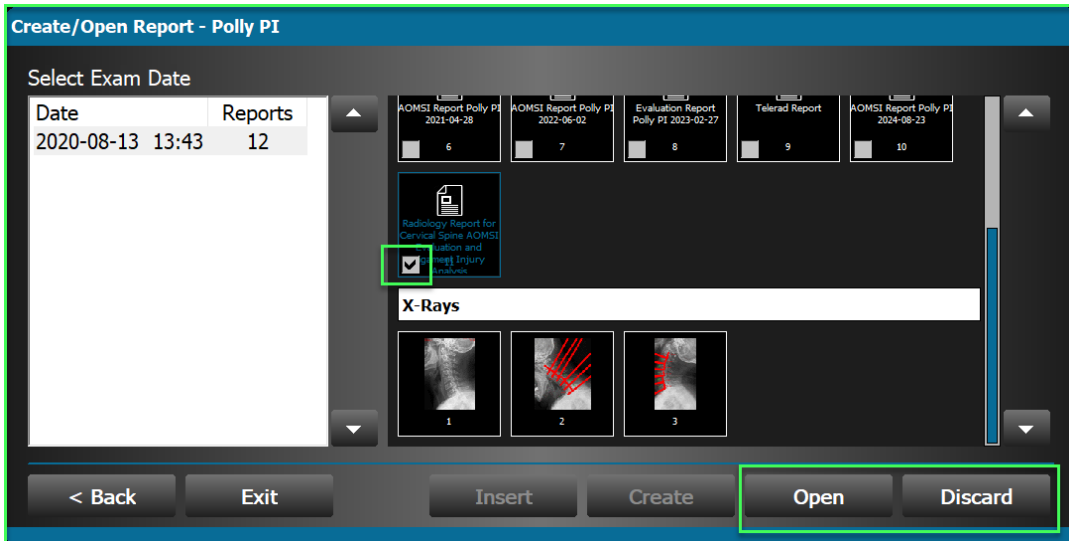


To view, print or resume the report later, select **Create a Radiology Report/Rof** on the Control Center of the software.



Search for the patient, select the exam if multiple, and check the report you wish to **Open** or **Discard**.

To **Create** a new report, do not select an existing report.



1