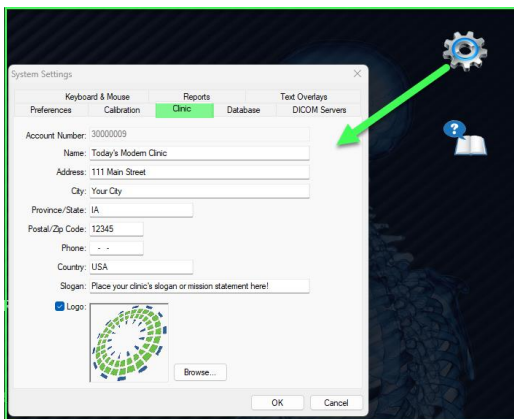
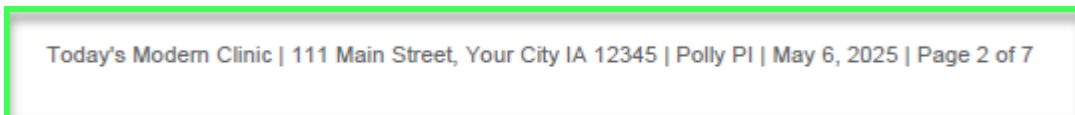
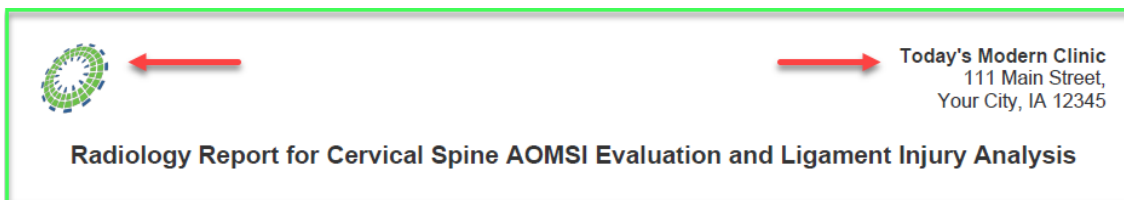


AOMSI Radiology Report Layout

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



The Clinic tab information will appear on the report letterhead and at the bottom of the pages.



Report Author: 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 a prompt will appear for you to log in.



Author:

Mary Smith
Mary Smith,
Electronically Signed, Signature on File

Roberta Jones DC
Roberta Jones DC,
Electronically Signed, Signature on File

Report Title: Contains default text which you can edit on the Create a Report screen.

Create a Report - Polly PI

Report Type

- Evaluation Report
- Comparative Report
- AOMSI Report
-
-

Report Title:

Author:

Injury Date:

Report Date:



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

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

Report Header:



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: May 6, 2025

Study Date: Aug 13, 2020
SID: 100 cm
DPI: 117 dpi

Introduction:



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

Radiology Report for Cervical Spine AOMSI Evaluation and Ligament Injury Analysis

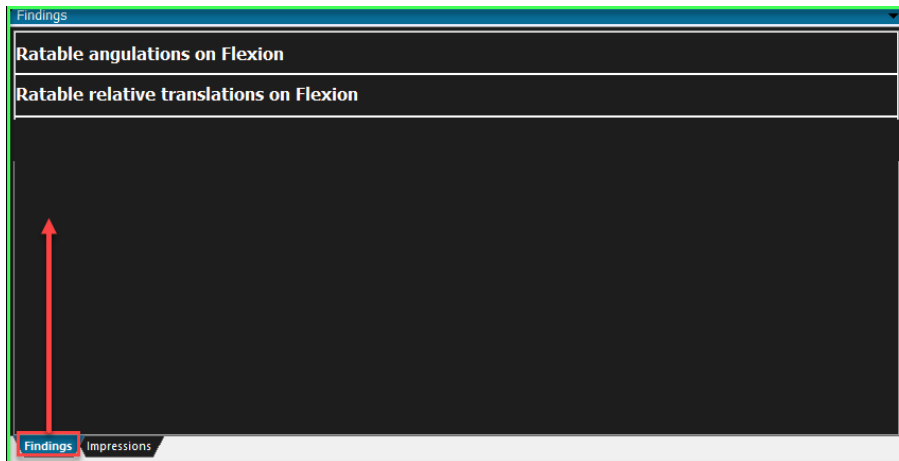
Patient: Polly PI
Sex: Female
DOB: Apr 1, 1994 (31y)
Views: Cervical Flexion, Cervical Extension, Cervical Neutral

Referring Physician: Unprovided
Injury Date: Aug 13, 2020
Report Date: May 6, 2025

Study Date: Aug 13, 2020
SID: 100 cm
DPI: 117 dpi

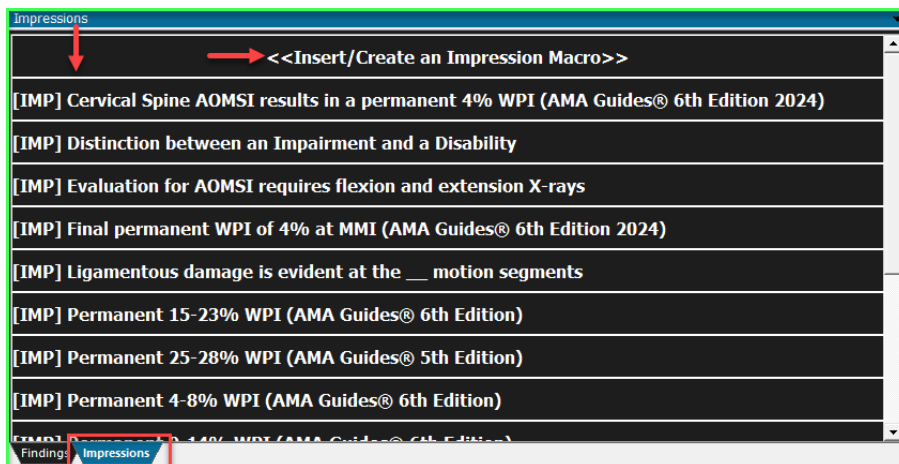
The patient's appropriate radiographs of the cervical spine were analyzed using quantitative analysis of the lateral views including flexion and extension. This biomechanical evidence-based practice evaluation was focused on determining if Alteration of Motion Segment Integrity (AOMSI) is present using 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.^{5,6} 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: Once you select an image from the Thumbnail, the Findings tab populates with the outcomes from the Advanced Line Analysis measures.

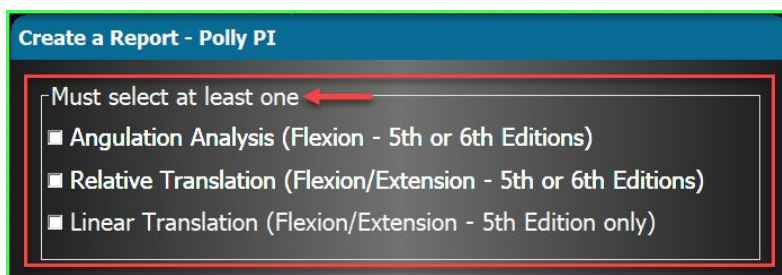


Impressions: The AOMSI report comes with prebuilt impression macros that you can utilize or edit. You also have the option to create your own.

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



Angulation Analysis and/or Translations: The items selected at the top of the second **Create a Report** screen comprises this section of the AOMSI report.

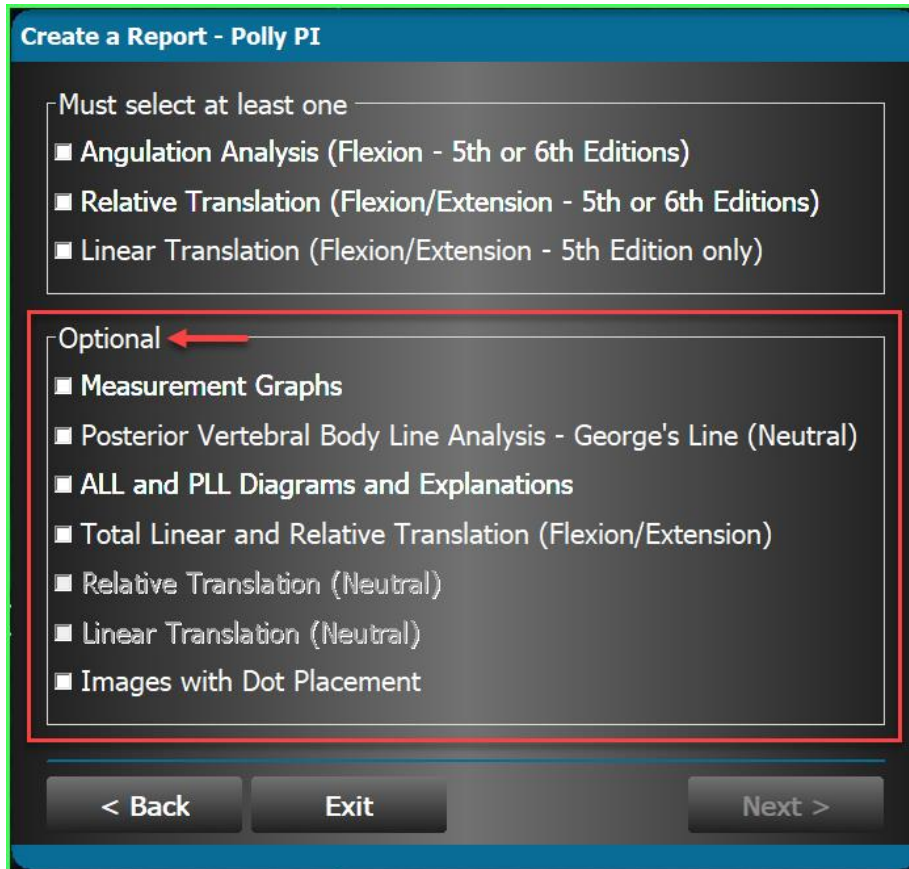


References:

References

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3. American Medical Association. Cocchiarella L, Andersson GBJ. *AMA Guides® to the Evaluation of Permanent Impairment, Fifth Edition, 2001th*. (Errata) Figure 15-3c page 379, Errata; Figure 15-3a, 378, 383, 392-395, Table 15-5 DRE Cervical Category I-V Criteria for Rating Impairment Due to Cervical Disorders; 1-20, 373-404.
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Optional Information: If any optional items are selected on the **Create a Report** screen, they will appear on the report below the References.



The screenshot shows a software interface titled "Create a Report - Polly PI". It features two sections of checkboxes. The first section, titled "Must select at least one", contains three items: "Angulation Analysis (Flexion - 5th or 6th Editions)", "Relative Translation (Flexion/Extension - 5th or 6th Editions)", and "Linear Translation (Flexion/Extension - 5th Edition only)". The second section, titled "Optional", is highlighted with a red border and contains seven items: "Measurement Graphs", "Posterior Vertebral Body Line Analysis - George's Line (Neutral)", "ALL and PLL Diagrams and Explanations", "Total Linear and Relative Translation (Flexion/Extension)", "Relative Translation (Neutral)", "Linear Translation (Neutral)", and "Images with Dot Placement". A red arrow points to the "Optional" header. At the bottom, there are three buttons: "< Back", "Exit", and "Next >".

Create a Report - Polly PI

Must select at least one

- Angulation Analysis (Flexion - 5th or 6th Editions)
- Relative Translation (Flexion/Extension - 5th or 6th Editions)
- Linear Translation (Flexion/Extension - 5th Edition only)

Optional ←

- Measurement Graphs
- Posterior Vertebral Body Line Analysis - George's Line (Neutral)
- ALL and PLL Diagrams and Explanations
- Total Linear and Relative Translation (Flexion/Extension)
- Relative Translation (Neutral)
- Linear Translation (Neutral)
- Images with Dot Placement

< Back Exit Next >

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