

X-RAY Report Of Findings

This comprehensive biomechanical analysis evaluates spinal alignment, segmental relationships, and postural deviations. Measurements are compared against established normative data to identify structural and functional abnormalities that may correlate with clinical symptoms.

PATIENT DETAILS:

Patient Name: CERVICAL LATERAL

Age: 41 years

Referring Physician: Unknown

Patient ID: LC2562025

Gender: Male

Modality: DX

Date of Birth: Jun 25, 1984

Study Date: Feb 4, 2026

Previous Study Date: Dec 3, 2025

REASON FOR EXAMINATION:

Not Mentioned

KEY CLINICAL INDICATORS:

POSTURAL ANALYSIS

- Forward head posture assessment
- Spinal curve measurements
- Segmental alignment evaluation

BIOMECHANICAL STRESS

- Load distribution analysis
- Compensatory patterns
- Joint dysfunction markers

CLINICAL CORRELATION

- Symptom correlation data
- Treatment planning metrics
- Progress monitoring baseline

MEASUREMENT METHODOLOGY:

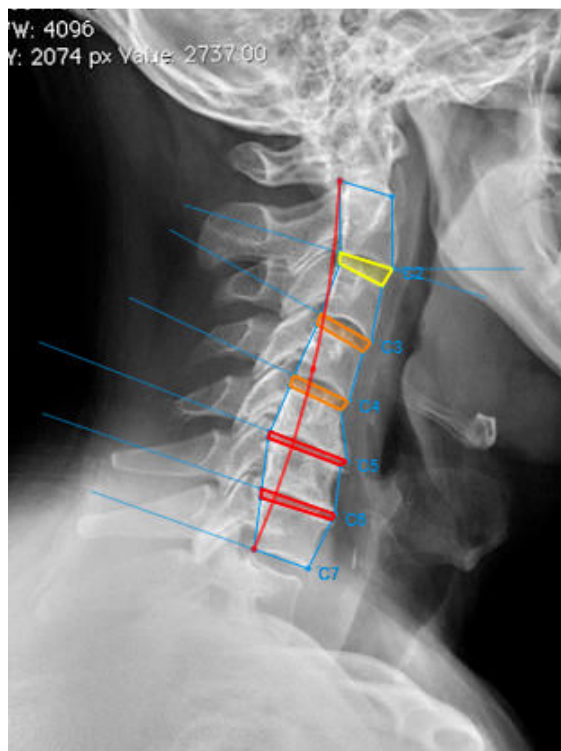
Analysis Protocol:

- Digital measurement tools with sub-millimeter precision
- Standardized anatomical landmarks for consistency
- Evidence-based normative values from published literature
- Multiple measurement verification for accuracy

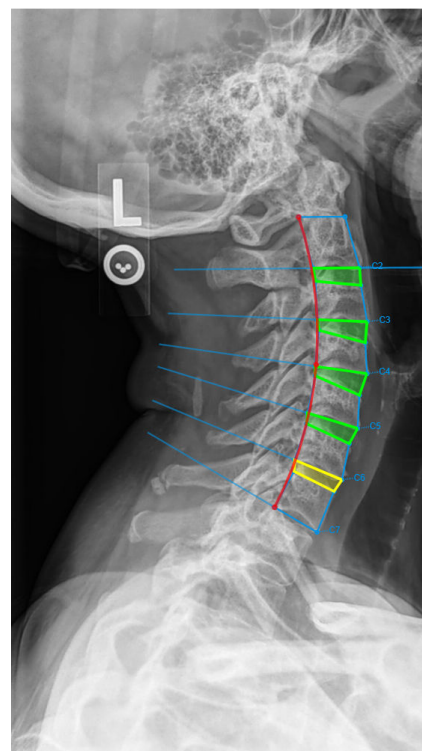
SEVERITY CLASSIFICATION BY COLOR CODE:

- Ideal - Optimal condition, no concerns.
- Normal - Within acceptable clinical limits.
- Mild - Slight deviation, typically not clinically significant.
- Moderate - Abnormality present; may need attention.
- Severe - Significant issue; likely requires immediate clinical attention.

Previous Study View (Dec 3, 2025)



Current Study View (Feb 4, 2026)



Progress Notes:

Measurement	Normal	Prev	Curr	Notes
CL1 (C2 - C7)		7.78	44.19	Change: increased from 7.78 to 44.19.
C2 Slope	-10°	-17.07°	0.53°	Worsened (farther from normal).
Posterior Curve Angle	20.17°	undefined°	undefined°	Change: changed from 20.17° to undefined°.
C2 - C3	7°	12.08°	2.93°	Improved (closer to normal).
C2 - C3	0mm	Posterior 0.3 mm	Posterior 0.6 mm	Worsened (farther from normal).
C3 - C4	7°	Flexion 3.79°	5.69°	Improved (closer to normal).
C3 - C4	0mm	Posterior 0.1 mm	Posterior 1.1 mm	Worsened (farther from normal).
C4 - C5	7°	Flexion 4.17°	9.13°	Improved (closer to normal).
C4 - C5	0mm	Posterior 0.1 mm	Posterior 0.9 mm	Worsened (farther from normal).

Measurement	Normal	Prev	Curr	Notes
C5 - C6	7°	Flexion 2.18°	5.53°	Improved (closer to normal).
C5 - C6	0mm	Anterior 0.1 mm	Posterior 1.1 mm	Worsened (farther from normal).
C6 - C7	7°	0.67°	7.8°	Improved (closer to normal).
C6 - C7	0mm	Posterior 0 mm	Posterior 2 mm	Worsened (farther from normal).
C2-C3	40.0%	27.7 %	40.8 %	Improved (closer to normal).
C3-C4	40.0%	22.2 %	47.2 %	Improved (closer to normal).
C4-C5	40.0%	22.8 %	45.8 %	Improved (closer to normal).
C5-C6	40.0%	14.4 %	37.8 %	Improved (closer to normal).
C6-C7	40.0%	14.2 %	29.8 %	Improved (closer to normal).

C6 - C7 on the previous study was 0.67° (7° is the ideal/normal reference), and on the current study it measured 7.8°, which accounts for a total change of 1064.2%. On your current study, your C6 - C7 is 11.4% increased from normal.

C3 - C4 on the previous study was 0.1 mm (0mm is the ideal/normal reference), and on the current study it measured 1.1 mm, which accounts for a total change of 1000.0%.

C5 - C6 on the previous study was 0.1 mm (0mm is the ideal/normal reference), and on the current study it measured 1.1 mm, which accounts for a total change of 1000.0%.

C4 - C5 on the previous study was 0.1 mm (0mm is the ideal/normal reference), and on the current study it measured 0.9 mm, which accounts for a total change of 800.0%.

CL1 (C2 - C7) on the previous study was 7.78, and on the current study it measured 44.19, which accounts for a total change of 468.0%.

Please note: positive and negative signs in spinal measurements indicate the direction of movement of the vertebrae.