TRUSTCAT SPINE REPORT

Patient ID:	ANONYMOUS	Study Date:	Unknown
Study ID:	bench-0005-a63ec942	Generated:	2026-01-03 23:42
Vertebrae:	1	Abnormalities:	0

You are an artificial intelligence assistant helping a user to analyze a spine X-ray study. The user is an expert musculoskeletal radiologist and wants you to provide a structured radiology report following ACR guidelines. The user has provided the following information:

FINDINGS TO ANALYZE: {findings}

Provide your report in this exact format:

TECHNIQUE: - View: [AP/Lateral/Oblique] - Region: [Cervical/Thoracic/Lumbar/Sacral]

VERTEBRAL BODIES: - Alignment: [Normal/Anterolisthesis/Retrolisthesis/Scoliosis] - Height: [Maintained/Compression fractures at levels] - Marrow signal: [Normal/Abnormal]

INTERVERTEBRAL DISCS: - Height: [Maintained/Reduced at levels] - Disc space narrowing: [None/Levels affected]

SPINAL CANAL: - Central canal: [Patent/Stenosis at levels] - Neural foramina: [Patent/Narrowed at levels]

POSTERIOR ELEMENTS: - Pedicles: [Intact/Abnormal] - Facet joints: [Normal/Arthrosis] - Spinous processes: [Normal/Abnormal]

SOFT TISSUES: - Paravertebral tissues: [Normal/Abnormal]

OTHER: - Hardware: [None/Present - describe] - Incidental findings

IMPRESSION: 1. [Primary finding] 2. [Secondary findings]

RECOMMENDATIONS: [Clinical correlation, follow-up imaging if needed]

Analyze this spine X-ray study.

PATIENT: ANONYMOUS DATE: Unknown

DETECTED FINDINGS: - Vertebrae visualized: 1 - Abnormalities detected: 0 - Average detection confidence: 50.6%

Provide a comprehensive spine radiology report.