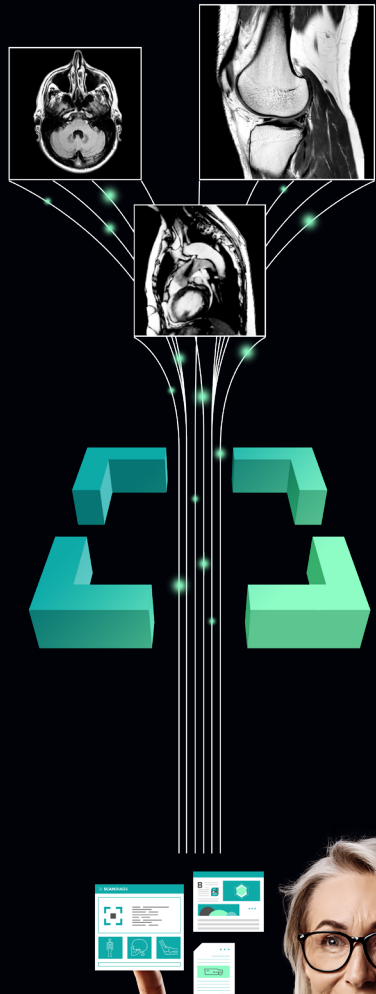# EMERALGO
AI INTERPRETING MRI

SWISS ARTIFICIAL INTELLIGENCE FOR AUTOMATED INTERPRETATION OF MUSCULOSKELETAL MRI

ORTHO Suite For MSK of 4 Body Parts
- Available modules 2025: lumbar spine, knee.
- Upcoming modules 2026: shoulder, hip.

CARDIO and NEURO Suite
- Under development for RTM 2026 and 2027.

Proven by Peer-Reviewed Studies
- Meniscus tear detection and surgery comparison (Skeletal Radiology).
- ACL detection (Investigative Radiology).
- Vertebral body measurements and fracture detection (European Radiology).
- Lumbar spinal stenosis measurements (Investigative Radiology).

Works With All Major Manufacturers
- Fully automated, AI-based evaluation of MRI studies from all relevant radiology manufacturers.

Works With All Common Scan Protocols
- Integrates into existing radiological procedures, no protocol adjustments needed.

### Integrates Into Existing Workflows
- No training required.
- Use within 30 minutes.

Uses Existing Infrastructure
- No extensive IT project required.
- Up and running within 30 minutes.

2025 Launch of Lumbar Spine Module
- Vertebral Body Measurements and Ratios for Fracture Assessment.
- Foraminal Stenosis Assessment (Lee Grading).
- Disc Degeneration Quantitative Assessment.
- Modic Change Detection.
- Disk Herniation and Spinal Canal Stenosis Assessment.
- 64+ comprehensive measurements, visualized.
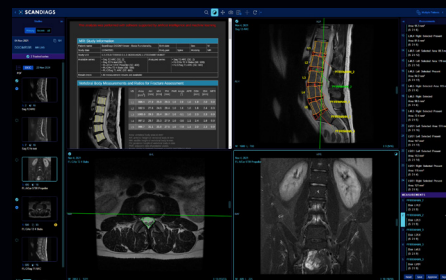
Preview of Lumbar Spine 2.0 Report (Q1 2025)
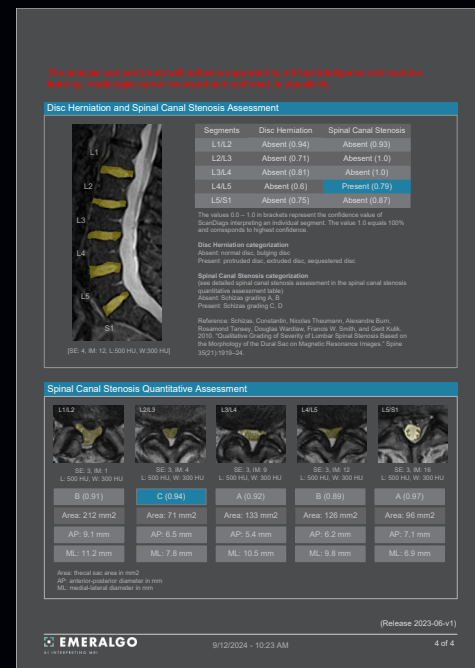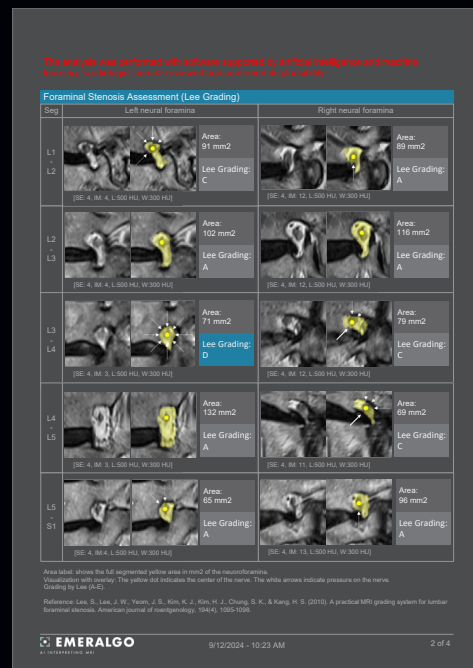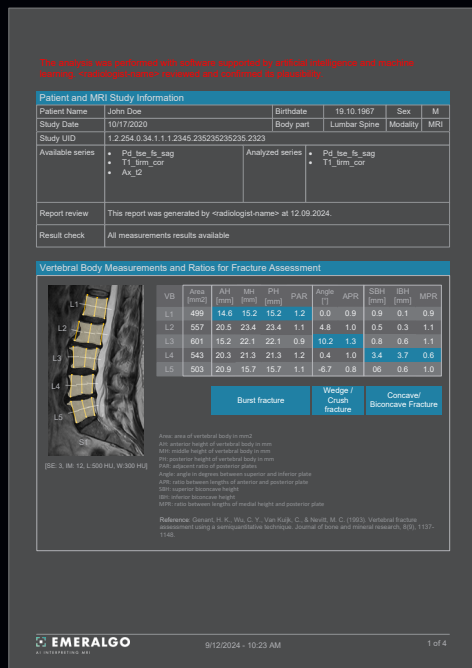
Comprehensive Report

- Visual and text information, editable.
- Directly in your work environment, no extra software.
- Optional interactive overlay viewer.
- Automatically delivered via DICOM, no extra server installation.
- Runs locally or in the cloud.

Free Online Demo

- https://demo.emeralgo.com

Swiss Radiology Expertise

- Built and nurtured since 2016 in partnership with leading Swiss public and private hospitals and globally leading radiologists.

Built by Computer Vision Ltd.

- Incorporated 2022 in Zurich, Switzerland (CHE-405.095.116).
- Supported by 200+ Swiss shareholders.
- Swiss team of 15 seasoned data scientists and AI engineers working on medical imaging since 20+ years.

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