



Fracture Detection & Analysis Report

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Your AI-assisted orthopedic diagnostic report

Zone	Uncertainty (%)	Shift (px)	Shift (mm)	Shape Diff
Fracture Zone 1	40.39	52.61	13.92	7.479

AI Doctor's Analysis

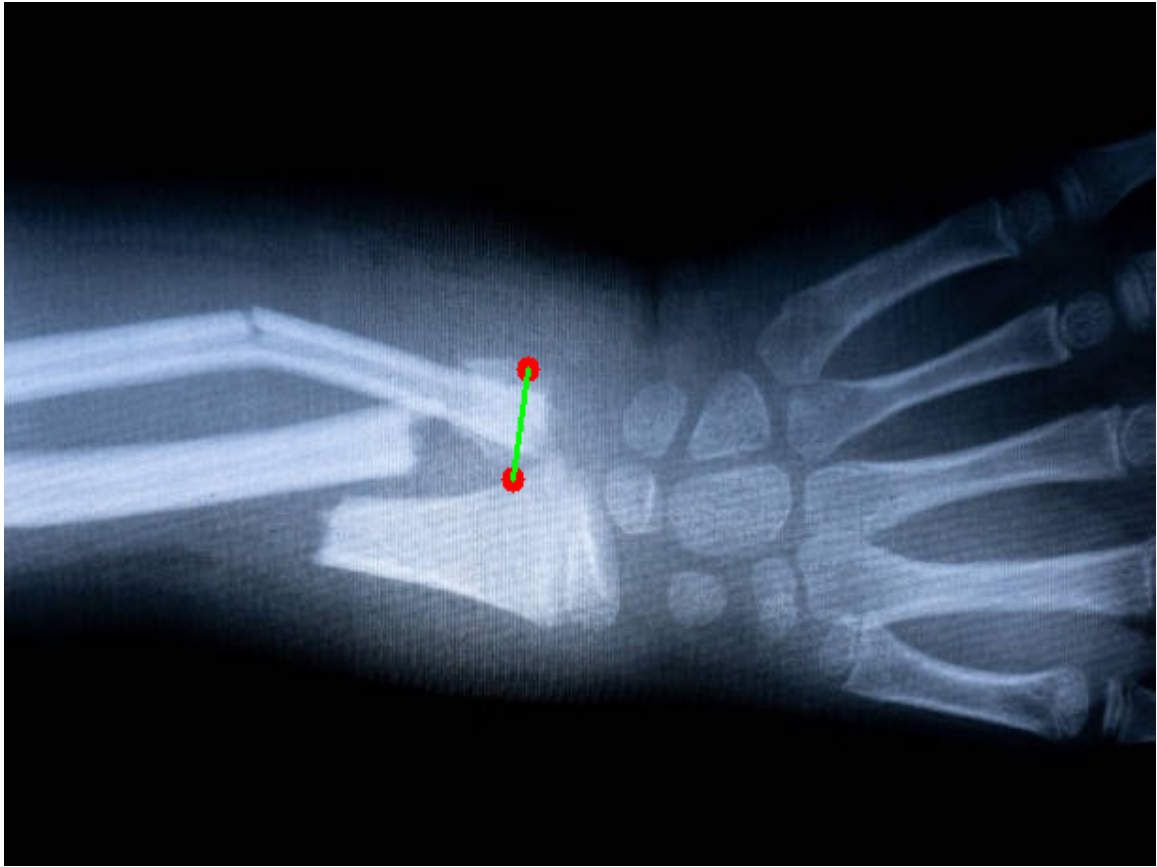
Fracture Zone 1: AI Orthopedic Report: Fracture Zone 1 \triangle AI Confidence: Moderate (59.61% Certainty) \odot \Rightarrow Displacement: 13.92 mm \triangleleft Morphology Deviation: 7.48
Clinical Impression: Significant displacement observed in Zone 1. High suspicion for an unstable fracture requiring urgent clinical evaluation and further diagnostic imaging.

Fracture Image Analysis

Original X-ray Image



Fracture Zone Analysis (with contours and centroids)



Summary

This report was generated automatically using a YOLO-based AI detection model and the Gemini AI Doctor system. It combines computer vision analysis with AI-based interpretation for orthopedic use cases.

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