

# AI Doctor Fracture Analysis Report

 Date: November 04, 2025

Welcome! This report summarizes detected fracture zones and AI-guided recommendations. Scroll through the pages for detailed analysis and images.



**AI assisted Bone shift and  
Fracture Detector**

# 📊 Fracture Detection Summary

Zone	✖️ Uncertainty (%)	⚡ Shift (mm)	Shape Diff
Fracture Zone 1	19.81	11.05	9.127
Fracture Zone 2	21.2	15.15	1.615
Fracture Zone 3	22.34	2.44	18.769

## AI Doctor Observations

Fracture Zone 1

✖️ **Uncertainty:** 19.81% ⚡ **Shift:** 11.05 mm **Shape Diff:** 9.127

Fracture Zone 1

- ⚠️ Severity: 🚫 Moderate to severe, displaced fracture detected.
  - 🔍 Findings: 📊 Significant shift (11.05mm) with notable shape difference observed.
  - 📝 Advice: 🩺 Consult an orthopedic specialist promptly for further imaging & treatment planning.
- Nutrition Tip: 🥗 Focus on Calcium & Vitamin D-rich foods to support bone healing.
- 👉 General Tip: 🛑 Prioritize rest, manage pain, & diligently follow all medical recommendations for optimal recovery.

Fracture Zone 2

✖️ **Uncertainty:** 21.2% ⚡ **Shift:** 15.15 mm **Shape Diff:** 1.615

Fracture Zone 2

- ⚠️ Severity: 🚫 Significant displacement & complexity observed. 🧠
  - 🔍 Findings: ⚡ 15.15mm displacement with notable shape difference. 📊 21.2% uncertainty.
  - 📝 Advice: 🩺 Immediate orthopedic consultation advised for potential reduction & stabilization. 📸 Further imaging may be needed.
- Nutrition Tip: 🥗 Boost bone healing with Calcium, Vitamin D, & protein-rich foods. 🍊 Don't forget Vitamin C!
- 👉 General Tip: 🛑 Prioritize rest & pain management. 🤝 Adhere strictly to rehab protocols for optimal recovery. ✨

### Fracture Zone 3

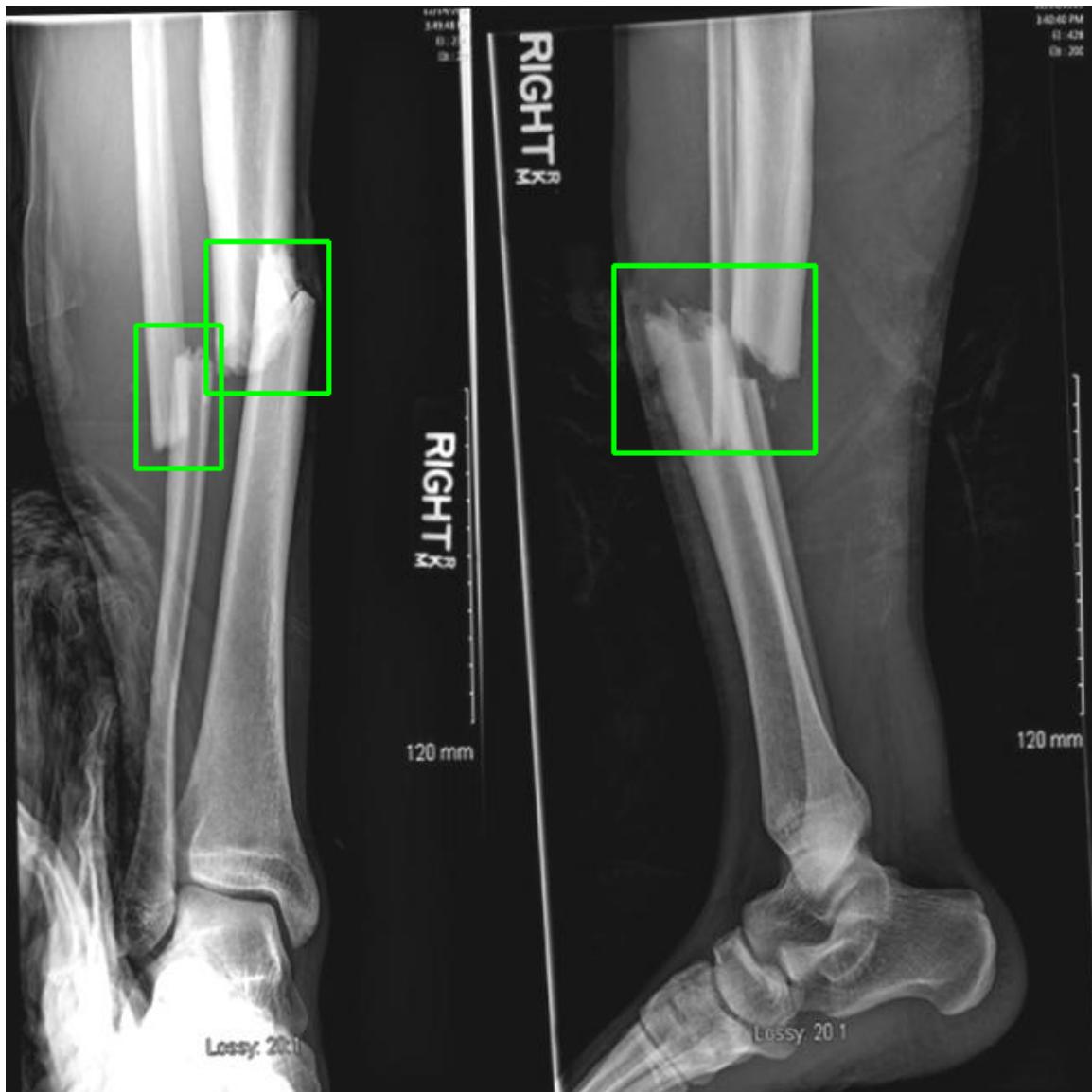
▀ Uncertainty: 22.34% ▷ Shift: 2.44 mm Shape Diff: 18.769

### Fracture Zone 3

- ❖ Severity: Mild to moderate.
- ❖ Findings: Minimally displaced (2.44mm) with slight shape irregularity.
- Advice: Consult orthopedic specialist for definitive plan; focus on R.I.C.E. protocol.
- Nutrition Tip: Boost bone health with Calcium & Vitamin D rich foods.
- General Tip: Stay patient and diligently follow your medical care plan.

➡ Refer to the next pages for images

# Detected Zones (Clean)



## 4 Detailed Fracture Analysis

