AI-POWERED

Doctor-to-Patient Translator: Imaging Results Summary

Automatically Translating Medical Imaging Results into Plain Language

Vital's Doctor-to-Patient Translator solves a problem patients struggle with: What do my Doctors' notes say?

Using AI to provide a plain language explanation of their imaging results, our solution empowers patients to have more productive and meaningful conversations with their provider; encourages fewer readmissions as patients better comprehend their results; and decreases time spent by care teams explaining results, reducing their workload. Available in ED (Vital Emergency) and inpatient (Vital Inpatient) setting.
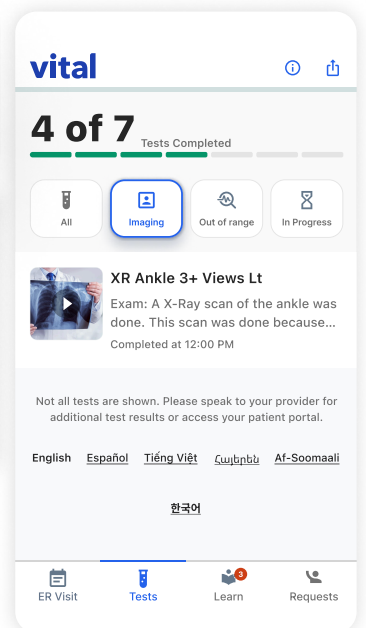
HOW DOES IT WORK?

When a patient's imaging results are ready to review, they'll receive a text message with a link to our HIPAA-compliant, HITRUST and SOC2-certified web app. Clicking the link takes them to their lab results within the "Tests" tab.

Before viewing the translation of their imaging results, a patient must give their consent and be made aware that, while highly unlikely, it's possible that errors or omissions may occur.

MESSAGES   now

1113
Your "X-Ray XR Ankle R" has been interpreted. Read the doctor's conclusion: https://vit.al/rD2FbQT8p4

[Summer Health Hospital]

✦ "Result Summary" is an advanced A.I. tool that explains complex medical information in easy-to-understand language. While we strive for accuracy, our summary may contain errors or omissions.

View the original result or talk to your care team as the ultimate source of truth.

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vital ⓘ ⬆

4 of 7 Tests Completed

All | **Imaging** | Out of range | In Progress

XR Ankle 3+ Views Lt
Exam: A X-Ray scan of the ankle was done. This scan was done because...
Completed at 12:00 PM

Not all tests are shown. Please speak to your provider for additional test results or access your patient portal.

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ORIGINAL RESULT

EXAM: XR Ankle 3+ Vie

CLINICAL HISTORY: Tra

FINDINGS:

Fractures are seen of th
medial malleolus, and p
An oblique fracture is s
midshaft of the talus. T
positioned relative to th
fracture fragment. Ther
the posterior talar fragr
malalignment of the art
posterior facet of the su
anterior and middle fac
joint are better aligned.
mineralization is norma
articulations are mainta

IMPRESSION:1. Trimalle
ankle with associated d
talocrural joint2. Talar f
associated dislocation
of the subtalar joint

RESULT SUMMARY ⌃

Exam

A X-Ray scan of the ankle was done. This scan was done because of an injury.

Findings

The X-Ray showed 3 broken bones in the ankle. There was a break in the outside ankle bone, inside ankle bone, and the back ankle bone. There was also a break in the middle of the bone that connects the ankle to the foot. The bone that connects the ankle to the foot was not in the right place. The bones in the middle of the foot were in the right place. The bones were normal.

Impression

The ankle has 3 broken bones and the bone connecting the ankle to the foot is not in the right place. The joint connecting the ankle to the foot is not in the right place either.

How do you like this summary? 👍 👎

Once the patient opts in, they are presented with a 5th-grade reading-level translation of their results along with the original imaging results below. We'll prompt the patient to give their feedback on the translation by giving a thumbs up or down. If a patient selects thumbs down, they are asked to categorically define the issue and provide free text feedback.

Doctor-to-Patient Translator: Imaging Results Summary currently translates a subset of imaging results including CT scans, X-rays, MRIs, and Ultrasounds. This solution complies with the 21st Century Cures Act requiring all Doctors to release imaging results to patients.