

Structured Radiographic Report

De-identified demonstration case · baseline structural read

Patient name	De-identified
DOB	1957-xx-xx
Sex	Female
Age at study	68 years
Study date	2026-xx-xx
Modality	Radiographs

REGIONS / PROJECTIONS

Right hand/wrist: hand AP, oblique and lateral views; wrist AP and oblique views.

Left hand/wrist: hand AP, oblique and lateral views; wrist AP and oblique views.

Right foot/ankle: foot AP, oblique and lateral views; ankle AP/mortise-type and lateral views.

Left foot/ankle: foot AP, oblique and lateral views; ankle AP/mortise-type and lateral views.

Bilateral knees: standing AP, standing PA flexion/tunnel and lateral views.

Comparison: None available.

Adequacy. Diagnostic multi-region examination. Submitted projections are adequate for structural evaluation of the included regions.

FINDINGS

Right Hand and Wrist

Generalized reduced mineralization appearance.

Multifocal osteoarthritis involving the distal and proximal interphalangeal joints and thumb interphalangeal joint, characterized by joint-space narrowing, marginal osteophytes and irregular central erosive-remodeling changes in multiple interphalangeal joints, greatest in the DIP distribution.

JSN grade: 1-3 by involved joint. **Confidence:** High for osteoarthritis; Moderate for erosive-remodeling component.

Moderate first carpometacarpal and triscaphe osteoarthritis with joint-space narrowing, subchondral sclerosis and marginal osteophyte formation. **JSN grade:** 2. **Confidence:** High.

The metacarpophalangeal joints are largely maintained without definite marginal erosions or fixed ulnar deviation/subluxation. **JSN grade:** 0-1. **Confidence:** High.

The radiocarpal and intercarpal joint spaces are preserved without convincing destructive narrowing, carpal collapse or definite inflammatory-type erosive change. No definite distal ulnar or ulnar styloid erosion. **JSN grade:** 0-1. **Confidence:** High.

No acute fracture or focal destructive osseous lesion.

Left Hand and Wrist

Generalized reduced mineralization appearance.

Multifocal osteoarthritis involving the distal and proximal interphalangeal joints and thumb interphalangeal joint, characterized by joint-space narrowing, marginal osteophytes and irregular central erosive-remodeling changes in multiple interphalangeal joints, greatest in the DIP distribution and selected PIP joints. **JSN grade:** 1-3 by involved joint. **Confidence:** High for osteoarthritis; Moderate for erosive-remodeling component.

Moderate first carpometacarpal and triscaphe osteoarthritis with joint-space narrowing, subchondral sclerosis and marginal osteophyte formation. **JSN grade:** 2. **Confidence:** High.

The metacarpophalangeal joints are largely maintained without definite marginal erosions or fixed ulnar deviation/subluxation. **JSN grade:** 0-1. **Confidence:** High.

The radiocarpal and intercarpal joint spaces are preserved without convincing destructive narrowing, carpal collapse or definite inflammatory-type erosive change. No definite distal ulnar or ulnar styloid erosion. **JSN grade:** 0-1. **Confidence:** High.

No acute fracture or focal destructive osseous lesion.

Right Foot and Ankle

Generalized reduced mineralization appearance.

Mild hallux valgus with mild to moderate first metatarsophalangeal osteoarthritis, including joint-space narrowing, small marginal osteophytes and medial bunion-type remodeling. **JSN grade:** 1-2. **Confidence:** High.

Mild lateral fifth metatarsal head/bunionette-type remodeling without definite marginal erosion. **Confidence:** Moderate.

The second through fourth metatarsophalangeal joints are preserved to minimally narrowed without definite marginal erosions. **JSN grade:** 0-1. **Confidence:** High.

Mild degenerative change and mild flexion deformities of the lesser toes. Minimal degenerative change in the midfoot articulations. Mild low-arch configuration. **Confidence:** Moderate.

The tibiotalar mortise is maintained without significant joint-space loss, definite erosions or destructive osseous abnormality. **JSN grade:** 0. **Confidence:** High.

Small plantar calcaneal enthesophyte with minimal posterior calcaneal/Achilles insertional enthesopathic change. **Confidence:** High.

Distal arterial calcifications are present in the visualized lower-extremity soft tissues.

No acute fracture or focal destructive osseous lesion.

Left Foot and Ankle

Generalized reduced mineralization appearance.

Mild hallux valgus with mild first metatarsophalangeal osteoarthritis, including joint-space narrowing, small marginal osteophytes and medial bunion-type remodeling. **JSN grade:** 1. **Confidence:** High.

Mild lateral fifth metatarsal head/bunionette-type remodeling without definite marginal erosion. **Confidence:** Moderate.

The second through fourth metatarsophalangeal joints are preserved to minimally narrowed without definite marginal erosions. **JSN grade:** 0-1. **Confidence:** High.

Mild degenerative change and mild flexion deformities of the lesser toes. Minimal degenerative change in the midfoot articulations. Mild low-arch configuration. **Confidence:** Moderate.

The tibiotalar mortise is maintained without significant joint-space loss, definite erosions or destructive osseous abnormality. **JSN grade:** 0. **Confidence:** High.

Small plantar calcaneal enthesophyte with minimal posterior calcaneal/Achilles insertional enthesopathic change. **Confidence:** High.

Distal arterial calcifications are present in the visualized lower-extremity soft tissues.

No acute fracture or focal destructive osseous lesion.

Right Knee

Mild medial compartment predominant tibiofemoral osteoarthritis with mild joint-space narrowing and small marginal osteophytes. Minimal patellofemoral degenerative change. **JSN grade:** medial tibiofemoral compartment 1; patellofemoral compartment 0-1. **Confidence:** High.

No definite erosive arthropathy, chondrocalcinosis, substantial malalignment, acute fracture, focal destructive lesion or large joint effusion.

Left Knee

Mild medial compartment predominant tibiofemoral osteoarthritis with mild joint-space narrowing and small marginal osteophytes. Minimal patellofemoral degenerative change. **JSN grade:** medial tibiofemoral compartment 1; patellofemoral compartment 0-1. **Confidence:** High.

No definite erosive arthropathy, chondrocalcinosis, substantial malalignment, acute fracture, focal destructive lesion or large joint effusion.

COMPARISON

No prior radiographs are available for comparison. This examination establishes baseline structural findings.

IMPRESSION

1. Bilateral multifocal interphalangeal osteoarthritis with probable central erosive-remodeling component involving the DIP, PIP and thumb IP joints, compatible with an erosive-remodeling osteoarthritic pattern.
2. Moderate bilateral first CMC and triscaphe osteoarthritis.
3. No convincing radiographic evidence of established rheumatoid-type marginal erosive arthropathy in the submitted hands, wrists or feet. The MCP joints are largely preserved without definite marginal erosions or fixed ulnar deviation/subluxation; no destructive radiocarpal/intercarpal disease, carpal collapse, ulnar styloid erosion or definite inflammatory-type MTP erosions.
4. Mild bilateral hallux valgus with mild first MTP osteoarthritis, slightly greater on the right, and mild bilateral bunionette-type fifth metatarsal head remodeling.
5. Minimal bilateral midfoot degenerative change and mild bilateral plantar/posterior calcaneal enthesopathic changes. Bilateral ankle mortises are preserved.
6. Mild bilateral medial compartment predominant knee osteoarthritis with minimal patellofemoral degenerative change. No radiographic erosive knee arthropathy or chondrocalcinosis.
7. Generalized reduced mineralization appearance of the visualized osseous structures.
8. Bilateral distal lower-extremity arterial calcifications.
9. No acute osseous abnormality identified in the submitted regions.

EMR SUMMARY

Baseline multi-region radiographs demonstrate bilateral multifocal interphalangeal osteoarthritis with probable central erosive-remodeling component involving the DIP, PIP and thumb IP joints, together with moderate bilateral first CMC/triscape osteoarthritis. The MCP joints, wrists and feet show no convincing radiographic evidence of established rheumatoid-type marginal erosive structural damage, fixed MCP ulnar subluxation pattern, destructive carpal disease or definite inflammatory-type MTP erosions. Mild bilateral hallux valgus with mild first MTP osteoarthritis, minimal midfoot degenerative change, mild bilateral calcaneal enthesopathic changes and mild medial compartment predominant knee osteoarthritis are present. Generalized reduced mineralization appearance and bilateral distal lower-extremity arterial calcifications are noted. No acute osseous abnormality.

Electronically signed.

DEMO