



**NYU Langone Radiology**  
NYU Langone Radiology at Premier  
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**Procedure(s)**

MRI ANKLE WITHOUT IV CONTRAST RIGHT

**Accession Number(s)**

25271189

**Date of Service**

4/11/22

**IMPRESSION:**

1. Lateral collateral ligaments: Intermediate grade partial-thickness tear of the anterior talofibular ligament near the talar attachment (series 4 image 12) and low-grade partial-thickness tear of the calcaneofibular ligament near the fibular attachment (series 8 image 16).
2. Lateral collateral ligaments: Partial-thickness tears of the anterior fibers near the talar attachments (series 8 image 14).
3. Talocrural joint: 5 x 5 mm osteochondral lesion along the anterior medial tibial plafond and (series 8 image 13 and series 6 image 9). The talar dome articular cartilage appears intact. Synovitis with mildly prominent joint effusion. No evidence of joint bodies.
4. Bones: Medial malleolar stress reaction/contusion without visualized fracture line.

**FINDINGS:**

MAGNETIC RESONANCE IMAGING OF THE RIGHT ANKLE WITHOUT IV CONTRAST.

INDICATION: Right ankle pain and swelling. Assess for internal derangement. Assess for synovitis.

TECHNIQUE: MRI of the ankle was performed utilizing axial, sagittal and coronal high-resolution multi-contrast turbo spin echo pulse sequences on a 3.0 Tesla Vida scanner with dedicated 16-channel ankle surface coil.

COMPARISON: None.



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**FINDINGS:**

Alignment: Anatomical.

**Fluid:**

Tibiotalar: Joint effusion. No evidence of joint bodies.

Subtalar: Physiological.

**Articulations:**

Tibiotalar joint: 5 x 5 mm osteochondral lesion along the anterior medial tibial plafond and (series 8 image 13 and series 6 image 9). The talar dome articular cartilage appears intact.

Subtalar joint: Intact.

Midfoot joints: Minimal arthrosis.

Sinus tarsi: Intact.

**MEDIAL:**

**Tendons:**

Posterior tibial: Intact.

Flexor digitorum longus: Intact.

Flexor hallucis longus: Intact.

Tarsal tunnel: Intact.

**Ligaments:**

Deltoid ligament complex - deep: Partial-thickness tearing of the anterior fibers.

Deltoid ligament complex - superficial: Partial-thickness tearing of the anterior fibers.

Spring (plantar calcaneo-navicular) ligament: Intact.

**LATERAL:**

Retromalleolar groove: Concave.

**Tendons:**

Peroneus longus: Intact.

Peroneus brevis: Intact.

**Ligaments:**

Anterior inferior tibiofibular (syndesmosis): Intact.

Posterior inferior tibiofibular (syndesmosis): Intact.

Anterior talofibular ligament: Partial-thickness tear near the talar attachment series 4 image 13).

Posterior talofibular ligament: Intact.

Calcaneofibular ligament: Low-grade partial-thickness tear of the fibular attachment (series 8 image 16).



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**POSTERIOR:**

Posterior talus: Intact.

Achilles tendon: Intact.

Plantar fascia: Intact.

**ANTERIOR:**

Tendons:

Anterior tibial: Intact.

Extensor hallucis longus: Intact.

Extensor digitorum longus: Intact.

Bones: Bone marrow edema pattern of the medial malleolus without fracture line.

Muscles: Intact.

Nerves: Intact.

Vessels: Intact.

Other: None.

Electronic Signature: I personally reviewed the images and agree with this report. Final Report: Dictated by and Signed by Attending Jan Fritz MD 4/11/2022 9:51 AM