

## Patient Information

Patient Name

Patient ID

Age | Gender

Scan Date

Referring Doctor

Report Date

## MRI LEFT ANKLE JOINT

### CLINICAL HISTORY

The patient presented with trauma and pain.

### PROTOCOL

Multiplanar and multi-echo MRI of the left ankle was performed without administration of intravenous contrast.

### FINDINGS

**Irregularity is seen of an osseous fragment measuring 6.8 x 7.9 mm which is located anteroinferior to lateral malleolus. Mild to moderate surrounding fat stranding and abnormal T2/PD hyperintensity is seen. Anterior talofibular ligament is not well-visualized and shows fluid signal T2/STIR hyperintensity along the course suggestive of tear.**

**Well-defined well-corticated bony fragment is seen inferior to lateral malleolus measuring 5.2 x 3.1 cm in dimensions, in keeping with accessory ossicles.**

**Abnormal T2/PD hyperintensity is seen involving posterior talofibular ligament suggestive of sprain. No evidence of any fiber discontinuity.**

The study shows normal configuration and alignment of the **bones** forming the left ankle joint.

The **deltoid ligament** is normal.

The **sub-talar** joint space and **talo-navicular** joint space are normal.

The **Achilles tendon** is normal.

No overt synovial proliferation / pannus formation is seen.

No gross para-articular pathology is seen.

### IMPRESSION

- **Complete tear of anterior talofibular ligament with an old avulsion fracture of tip of lateral malleolus.**

- **Sprain involving posterior talofibular ligament.**

## **RECOMMENDATION**

MRI features of fracture and tear indicate a post-traumatic etiology. Suggested correlation with clinical exam , CT SCAN ANKLE with specific mechanism of injury for establishing causation.