

Medical Diagnosis Report

Patient Information

Patient Name: John Doe

Age/Sex: 34 / Male

Date of Examination: 2025-06-15

Physician: Dr. Jane Smith, MD

Hospital/Clinic: City Health Clinic

Chief Complaint

Patient presents with pain, swelling, and limited mobility in the right lower leg following a fall while playing soccer.

History of Present Illness

The patient reports acute onset of pain in the right leg after twisting the limb during a sports activity. The incident occurred approximately 2 hours prior to presentation. The patient denies hearing a popping sound but reports immediate pain and difficulty bearing weight.

Physical Examination

Inspection: Swelling and mild bruising over the distal third of the right tibia.

Palpation: Tenderness noted over the anterior tibial shaft. No crepitus.

Range of Motion (ROM): Limited due to pain.

Neurovascular Status: Intact; normal distal pulses, capillary refill <2s.

Weight Bearing: Unable to bear weight on affected leg.

Medical Diagnosis Report

Investigations

X-Ray (Right Leg):

- Transverse, non-displaced fracture of the distal third of the tibia.
- No involvement of fibula.
- No joint dislocation.

Diagnosis

Closed, non-displaced distal tibial fracture - right leg

Treatment Plan

- Limb immobilization using a below-knee cast
- Analgesics: Ibuprofen 400 mg every 8 hours as needed
- Elevation and cold compress to reduce swelling
- Non-weight bearing for 6-8 weeks
- Follow-up in orthopedic clinic in 10 days for reassessment and repeat imaging

Prognosis

Favorable. With proper immobilization and adherence to the treatment plan, full recovery is expected within 8-12 weeks.