

Tibial fracture and repeated trauma to the same knee joint - case report- pictorial review

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Purpose

In a clinical setting of an Emergency Department radiologists use all available methods for a complete diagnosis. We present a case of a 36-year old female patient with a well treated complex tibia trauma and the algorithm used to evaluate repeated trauma of the same knee joint in the same patient.

Methods

X-ray examinations are performed in the Emergency Dept., ultrasound is available when needed. MSCT and MRI are usually performed thereafter. Whenever possible, especially for MRI examinations, informed consent is obtained from the patient. To our experience it gains benefit for patients understanding the procedure, also shields younger and female patients of unnecessary exposures and gives us the information to exclude a method if there are contraindications.

Results

Complex trauma cases and repeated trauma may present a diagnostic difficulty, pictorial review.