

## The Importance of Radiography Obtained Using an Appropriate Technique

Tekniğine Uygun Radyografi Çekilmesinin Önemi



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Trauma has an important place in emergency department admissions. The majority of non-life-threatening traumas are injuries involving the musculoskeletal system. For patient's safety and to refrain from consequences of malpractice, in extremity traumas, at least bidirectional radiographs should be taken, including the upper and lower joints. If necessary, comparative radiographies should be taken. Imaging's obtained using inappropriate techniques should not content the physicians. If appropriate X-ray images cannot be obtained, other imaging methods should be used. In particular, ultrasonography is a method that stands out with its ease of application, and lack of radiation exposure. With this approach, it is possible to understand the existing pathology and the appropriate treatment method can be determined (1,2).

It should not be forgotten that the problem of 'malpractice' is becoming increasingly prevalent day by day. Faulty medical practice which is briefly stated as malpractice, is defined as the failure of the health personnel to perform

the standard practice during the treatment, erroneous application as a result of lack of knowledge or skill, or the failure to provide the necessary treatment (3).

Our 6-year-old male patient was admitted with the complaint of leg pain. The trauma was not witnessed by anyone. The family entered the room with the noise they heard and then the sound of the child crying, and they saw the child crying on the floor. The boy said he fell while jumping off the sofa. His general health condition was good, but he was restless. His Glasgow Coma Scale score (GCS) was 15. There was tenderness on the 1/3 middle part of the medio-posterior aspect of the right tibia. Any sign of wound or bruise was not evident. On the bidirectional X-ray: AP radiograms did not reveal any pathology, while on lateral X-ray an oblique fracture of the tibial shaft was detected. Appropriate treatment was given to the patient as a result of bidirectional radiographs. This image indicates how important it is to take appropriate extremity radiography.

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