

踝关节运动性损伤数字化 X 线影像的诊断价值探讨

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【摘要】目的: 分析踝关节运动性损伤患者 200 例的影像学表现。方法: 选取本院 200 例踝关节运动性损伤患者, 行数字化 X 线检查。结果: 踝关节运动性损伤患者影像学表现多样, 主要表现为踝关节骨折、韧带损伤、软组织损伤等。结论: 数字化 X 线影像对踝关节运动性损伤的诊断具有较高的价值。

【关键词】踝关节运动性损伤; 数字化 X 线影像; 诊断价值

Discussion on the Diagnostic Value of Digital X-ray Image of Ankle Sports Injury

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Abstract: Objective: To analyze the diagnostic value of digital X-ray image of ankle sports injury. Methods: 200 patients with ankle sports injury in our hospital were included in this study. All patients were examined by digital radiography in our hospital. Taking the comprehensive diagnosis and intraoperative examination as the basis, the diagnostic coincidence rate of digital radiography of ankle sports injury was calculated. Summarize the characteristics of digital X-ray image of ankle sports injury. Results: Slight injuries such as ankle sprain generally have no specific performance on digital radiography. Once there is a avulsion fracture of the lateral malleolus, for example, if the fracture site is at the joint, the broken line is transverse and outward is angular; If the fracture end is below the joint, a small fracture fragment can be seen torn inside the end of the lateral malleolus. In the varus position of the foot, the lateral ankle space is greatly widened in the case of lateral ankle ligament tear. The digital X-ray image of the fracture with avulsion of the medial malleolus shows that there are obvious fracture traces near the root of the medial malleolus, and the fracture line moves inward and upward. The digital X-ray image of the anterior tibial tubercle injury showed that the local soft tissue at the tibial tubercle was thickened or swollen, and bone seams appeared in the patellar ligament and its adjacent soft tissue in some patients. When avulsion fracture occurs in the posterior ankle, the fracture line can be seen from the outside of the posterior fibular ligament joint of the lower diameter to the posterior edge of the lower tibia. Conclusion: The effect of digital radiography in the diagnosis of ankle sports injury is good, and it can effectively identify the types of ankle sports injury, which is worthy of application.

Keywords: Ankle sports injury; Digital radiography; Diagnosis; Coincidence rate; Imaging characteristics

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1 资料与方法
1.1 研究对象
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