

Abstract

Ligamentous injuries of the knee in patients referred to Imam Reza Hospital Army in 92-91

Background: Fairly high incidence of knee injuries . Knee injuries are the most common indirect damage , which usually sports activities such as basketball , soccer and skiing occur Mnsyk and ligament injuries of the hand, careful examination of clinical studies have been inconsistent. MRI is the best noninvasive way to detect lesions of the knee joint .

Knee Ligament in 501 patients referred to the hospital to examine the Army in 1391-1392 .

Materials and Methods : This cross-sectional study on patients admitted to hospital with complaints of military trauma was conducted in 1392-1391 . Patients Fat . Than patients having the inclusion criteria after full explanation of the various stages of the project, informed consent was obtained from patients . Initially, the patients underwent MRI of the knee was reported by two radiologists . The patient questionnaire for demographic data such as age and ... Was completed . Data obtained during the R statistical software SPSS version 15

Findind: Most of his mechanism of injury in sport and physical activity (65%) is included .

The most common complaint of patients include joint pain , swelling , locking of the knee joint was empty and limit the amount of 91 percent , 32 percent , 19 percent , 16 percent ,The findings show variable

intensity joint effusion in 64 cases (32 %) mild , 68 moderate (34 %) , and severe in 18 cases (9 %) and in 50 other cases (25 %) , a finding that there is no effusion . In our study , most of ligamentous injuries to the anterior cruciate ligament tear , with 116 (58 %) and subsequent rupture of the internal Mynysk 60 cases (30 %) , rupture of the outer Mynysk 14 (7 %) , medial collateral ligament tear 12 (6%) is included .

Conclusion: Our findings are consistent with the results of the study doctor Makhmalbaf and doctor Barzin . A study bucket handle medial meniscal tears doctor Makhmalbaf MRI for the diagnosis of lateral meniscus is sensitive to In another study showed that the clinical benefit Barzin despite the knee injury is due to the lower sensitivity of sonography in the diagnosis of traumatic rupture of the anterior cruciate ligament and medial meniscus MRI is recommended to use

Keywords: set - Knee Ligament Injury - Patients admitted to the Military Hospital