

A Review of Utility of Magnetic Resonance Imaging Compared to that of Arthroscopy in Diagnosis of Knee Ligamentous Injury

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Abstract

Orthopedic surgeons relied absolutely on clinical exam within the late 1960 & early 70's till several reports advised the function of arthroscopy in prognosis and remedy of diverse knee disorders. Whilst comparing the accuracy of Magnetic Resonance Imaging (MRI) with scientific exam in diagnosing meniscal and ACL tears, a few preceding studies confirmed that medical examination is at the least as correct as MRI. The accuracy of MRI is very high in diagnosing knee lesions and has a sensitivity of 80% to a 100%.^[5] MRI has been used because the first-line diagnostic exam in sufferers with suspected meniscal injuries, and unnecessary diagnostic arthroscopies have been avoided. In this study we reviewed utility of MRI in diagnosis of knee ligamentous injury, as opposed to arthroscopy.