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Basic Study

Three-dimentional reconstructed magnetic resonance scans: Accuracy in identifying and defining knee meniscal tears

Neil Kruger, Eugene McNally, Sami Al-Ali, Raj Rout, Jonathan L Rees, Andrew J Price

Abstract

AIM: To determine whether three-dimentional (3D) reconstruction from

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S Koo, GE Gold, TP Andriacchi - Osteoarthritis and cartilage, 2005 - Elsevier

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M Munshi, M Davidson, PB MacDonald... - Clinical Journal of ..., 2000 - journals.lww.com

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... higa- mentous instability and needed operative reconstruction were not included in the study ... The average scanning time was 8.5 mm- ... to the plane of section in the imaging studies gives rise to partial volume effects, leading to misinterpretation of the magnetic resonance images. ...

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AA Theologis, D Kuo, J Cheng, RI Bolbos... - ... : The Journal of ..., 2011 - Elsevier

... blue) at baseline and 1 year in acute ACL-injured knees treated with ACL reconstruction. ... T2-FSE, T2-weighted fat-saturated FSE images; SPGR, 3D water-excitation high-resolution ... (C) Percentage of BMFLs resolved at each time point in ACL-reconstructed knees after acute

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