표 238. 근골격 핵심질문2 근거표

핵심질문 2

문헌정보	연구유형	대상자 수	문헌 질 KCIG
Ben-Galim P, Steinberg EL, Amir H, Ash N, Dekel S, Arbel R. Accuracy of magnetic resonance imaging of the knee and unjustified surgery. Clin Orthop Related Res 2006;447:100-4.	Cross-sectionalstudy	139	2
Moore SL. Imaging of the anterior cruciate ligament. Orthop Clin North Am 2002;33:663-74.	Review	N/A	5
Stiell IG, Wells GA, Hoag RH, Sivilotti ML, Cacciotti TF, Verbeek PR, et al. Implementation of the Ottawa Knee Rule for the use of radiography in acute knee injuries. JAMA 1997; 278:2075-9.	Cross-sectionalstudy	3,907	4
Solomon DH et al: The rational clinical examination. Does this patient have a torn meniscus or ligament of the knee? Value of the physical examination. JAMA 286: 1610-1620, 2001	Systematic review	N/A	2
Scholten RJ et al: The accuracy of physical diagnostic tests for assessing meniscal lesions of the knee: a meta-analysis. J Fam Pract 50: 938- 944, 2001	Systematic review	N/A	2
Scholten RJ et al: Accuracy of physical diagnostic tests for assessing ruptures of the anterior cruciate ligament: a meta-analysis. J Fam Pract 52: 689-694, 2003	Systematic review	N/A	2
Oei EH et al: MR imaging of the menisci and cruciate ligaments: a systematic review. Radiology 226: 837-848, 2003	Systematic review	N/A	2
Crawford R et al: Magnetic resonance imaging versus arthroscopy in the diagnosis of knee pathology, concentrating on meniscal lesions and ACL tears: a systematic review. British Medical Bulletin 84: 5-23, 2007	Systematic review	7,367 MRI scans and 5,416 arthroscopies	2
Kocabey Y et al: The value of clinical examination versus magnetic resonance imaging in the diagnosis of meniscal tears and anterior cruciate ligament rupture. Arthroscopy 20: 696-700, 2004	Crosssectionalstudy	50	4
Ryzewicz M et al: The diagnosis of meniscus tears: the role of MRI and clinical examination. Clin Orthop Relat Res 455: 123-133, 2007	Systematic review	n=3,386	2
Madhusudhan TR et al: Clinical examination, MRI and arthroscopy in meniscal and ligamentous knee Injuries: a prospective study. J Orthop	Crosssectionalstudy	565	4

Surg Res 3: 19, 2008			
Ercin E et al: History, clinical findings, magnetic resonance imaging, and arthroscopic correlation in meniscal lesions. Knee Surg Sports Traumatol Arthrosc 20: 851–856, 2012	Crosssectionalstudy	30	4
Stiell IG, Greenberg GH, Wells GA, McKnight RD, Cwinn AA, Cacciotti T, McDowell I, Smith NA. Derivation of a decision rule for the use of radiography in acute knee injuries. Ann Emerg Med 1995;26:405–12.		1,047 patients; 127 patients examined by 2 physicians	2
Stiell IG, Wells GA, McDowell I, et al. Use of radiography in acute knee injuries: need for clinical decision rules. Acad Emerg Med. 1995;2(11):966–973.	Observational–Dx	1,967 retrospective review; 1,040 prospective study;120 patients examined by 2 physicians	3
Weber JE, Jackson RE, Peacock WF, Swor RA, Carley R, Larkin GL. Clinical decision rules discriminate between fractures and nonfractures in acute isolated knee trauma. Ann Emerg Med. 1995;26(4):429–433.	Observational–Dx	242 patients	3
Cheung TC, Tank Y, Breederveld RS, Tuinebreijer WE, de Lange–de Klerk ES, Derksen RJ. Diagnostic accuracy and reproducibility of the Ottawa Knee Rule vs the Pittsburgh Decision Rule. Am J Emerg Med. 2013;31(4):641–645.	Cross–sectionalstudy	90 injuries	3
Stiell IG, Greenberg GH, Wells GA, et al. Prospective validation of a decision rule for the use of radiography in acute knee injuries. JAMA. 1996;275(8):611–615.	Review/Other–Dx	Convenience sample of 1,096 of 1,251 adults; 124 patients examined by 2 physicians	2
Jenny JY, Boeri C, El Amrani H, et al. Should plain X–rays be routinely performed after blunt knee trauma? A prospective analysis. J Trauma. 2005;58(6):1179–1182	Observational–Dx	138 (1st stage); 178 (2nd stage)	3
Bachmann LM, Haberzeth S, Steurer J, ter Riet G. The accuracy of the Ottawa knee rule to rule out knee fractures: a systematic review. Ann Intern Med. 2004;140(2):121–124.	Systematic review	11 studies (6 involving 4,249 adult patients were used for analysis); 2 reviewers	2
Seaberg DC, Jackson R. Clinical decision rule for knee radiographs. Am J Emerg Med. 1994;12(5):541–543.	Observational study	201 retrospective;	2

		133 prospective	
Jackson JL, O'Malley PG, Kroenke K. Evaluation of acute knee pain in primary care. Ann Intern Med. 2003;139(7):575-588.	Systematic review	217 studies reviewed	2
Blum MR, Goldstein LB. Practical Pain Management. Need for More Accurate ER Diagnoses of ACL Injuries. Available at: http://www.practicalpainmanagement.com/pain/acute/sports-overuse/need-more-accurateer-diagnoses-acl-injuries. Accessed December 17, 2013.	Review/Other-Dx	N/A	5
Griffin JW, Miller MD. MRI of the knee with arthroscopic correlation. Clin Sports Med. 2013;32(3):507-523.	Review	N/A	5
Van Dyck P, Vanhoenacker FM, Lambrecht V, et al. Prospective comparison of 1.5 and 3.0-T MRI for evaluating the knee menisci and ACL. J Bone Joint Surg Am. 2013;95(10):916-924.	Observational-Dx	200 patients	2
Oei EH, Nikken JJ, Ginai AZ, et al. Costs and effectiveness of a brief MRI examination of patients with acute knee injury. Eur Radiol. 2009;19(2):409-418.	Review/Other-Dx	Model used was based on randomized trial with 208 patients	3
Mustonen AO, Koskinen SK, Kiuru MJ. Acute knee trauma: analysis of multidetector computed tomography findings and comparison with conventional radiography. Acta Radiol. 2005;46(8):866-874.	Observational-Dx	415 images from 409 patients	3
Ryan PJ, Reddy K, Fleetcroft J. A prospective comparison of clinical examination, MRI, bone SPECT, and arthroscopy to detect meniscal tears. Clin Nucl Med. 1998;23(12):803-806.	Observational-Dx	100 patients	2
Hayes CW, Coggins CA. Sports-related injuries of the knee: an approach to MRI interpretation. Clin Sports Med. 2006;25(4):659-679.	Review/Other-Dx	N/A	5
43. Sanders TG, Miller MD. A systematic approach to magnetic resonance imaging interpretation of sports medicine injuries of the knee. Am J Sports Med. 2005;33(1):131-148.	Review/Other-Dx	N/A	5
De Smet AA, Tuite MJ. Use of the "two-slice-touch" rule for the MRI diagnosis of meniscal tears. AJR Am J Roentgenol. 2006;187(4):911-914.	Observational-Dx	174 patients	3
Magee T, Williams D. 3.0-T MRI of meniscal tears. AJR Am J Roentgenol. 2006;187(2):371-375.	Observational-Dx	100 patients; 2 reviewers	3
Oei EH, Nikken JJ, Verstijnen AC, Ginai AZ, Myriam Hunink MG. MR imaging of the menisci and cruciate ligaments: a systematic review. Radiology. 2003;226(3):837-848.	Systematic review	29 articles	2

Sanders TG, Paruchuri NB, Zlatkin MB. MRI of osteochondral defects of the lateral femoral condyle: incidence and pattern of injury after transient lateral dislocation of the patella. AJR Am J Roentgenol. 2006;187(5):1332-1337.	Cross-sectionalstudy	25	2
Stannard JP, Lopez R, Volgas D. Soft tissue injury of the knee after tibial plateau fractures. J Knee Surg. 2010;23(4):187-192.	Cross-sectionalstudy	103 patients	3