

표 46. 근골격 핵심질문1-5 근거표

핵심질문 1-5

문헌정보	연구유형	대상자 수	문헌 질 KCIG
Jarvik JG, Hollingworth W, Martin B, et al. Rapid magnetic resonance imaging vs radiographs for patients with lowback pain : a randomized controlled trial. <i>Jama</i> . 2003;289(21): 2810-2818.	Experimental-D x	380 total patients: 190-radio graph, 190-rapid MRI	
Last AR, Hulbert K. Chronic low back pain: evaluation and management. <i>Am Fam Physician</i> . 2009;79(12): 1067-1074.	Review/Other-D x	N/A	
Deyo RA, Diehl AK, Rosenthal M. Reducing roentgenography use. Can patient expectations be altered? <i>Arch Intern Med</i> . 1987;147:141-5.	Observational-D x	immediate roentgenograms (n = 49) ; roentgenography only for failure to improve (n = 52)	4
Kendrick D, Fielding K, Bentley E, Kerslake R, Miller P, Pringle M. Radiography of the lumbar spine in primary care patients with low back pain: randomised controlled trial. <i>BMJ</i> . 2001;322:400-5.	Observational-D x	421 patients	4
Kerry S, Hilton S, Dundas D, Rink E, Oakeshott P. Radiography for low back pain: a randomised controlled trial and observational study in primary care. <i>Br J Gen Pract</i> . 2002;52:469-74.	Observational-D x	659 patients	1
Gilbert F, Grant A, Gillan M, et al. Scottish Back Trial Group. Low back pain: influence of early MR imaging or CT on treatment and outcome—multicenter randomized trial. <i>Radiology</i> . 2004;231:343-51.	Observational-D x	782 patients	1
Algra PR, Bloem JL, Tissing H, Falke TH, Arndt JW, Verboom L J. Detection of vertebral metastases: comparison between MR imaging and bone scintigraphy. <i>Radiographics</i> . 1991;11(2):219-232.	Observational-D x	71 patients; 4 independent observers	
Jarvik JG, Deyo RA. Diagnostic evaluation of low	Review/Other-D	N/A	4

back pain with emphasis on imaging. <i>Ann Intern Med.</i> 2002;137:586-97.	x		
van den Hoogen HM, Koes BW, van Eijk JT, Bouter LM. On the accuracy of history, physical examination, and erythrocyte sedimentation rate in diagnosing low back pain in general practice. A criteria-based review of the literature. <i>Spine.</i> 1995;20:318-27.	Review/Other-D x	N/A	4
Joines JD, McNutt RA, Carey TS, Deyo RA, Rouhani R. Finding cancer in primary care outpatients with low back pain: a comparison of diagnostic strategies. <i>J Gen Intern Med.</i> 2001;16:14-23.	Experimental-D x	N/A	5
Bredella MA, Essary B, Torriani M, Ouellette HA, Palmer WE. Use of FDG-PET in differentiating benign from malignant compression fractures. <i>Skeletal Radiol.</i> 2008;37(5):405-413.	Observational-D x	33 patients with 43 compression fractures	
Jarvik JG. Imaging of adults with low back pain in the primary care setting. <i>Neuroimaging Clin N Am.</i> 2003;13(2):293-305.	Review/Other-D x	N/A	
Schinina V, Rizzi EB, Rovighi L, de Carli G, David V, Bibbolino C. Infectious spondylodiscitis: magnetic resonance imaging in HIV-infected and HIV-uninfected patients. <i>Clin Imaging</i> 2001;25:362-7.	Observational-D x	21 patients with infection	4
Bozgeyik Z, Ozdemir H, Demirdag K, Ozden M, Sonmezgoz F, Ozgocmen S. Clinical and MRI findings of brucellar spondylodiscitis. <i>Eur J Radiol</i> 2008; 67: 153-8.	Observational-D x	22 patients with spondylodiscitis among 152 brucellosis	4
Ledermann HP, Schweitzer ME, Morrison WB, Carrino JA. MR imaging findings in spinal infections: rules or myths? <i>Radiology</i> 2003;228:506-14.	Observational-D x	46 consecutive patients	3
Dagirmanjian A, Schils J, McHenry M, Modic MT. MR imaging of vertebral osteomyelitis revisited. <i>AJR Am J Roentgenol</i> 1996; 167:1539-43.	Observational-D x	37 patients with vertebral osteomyelitis with 41 levels	4
Tsiodras S, Falagas ME. Clinical assessment and	Review/Other-D	N/A	5

medical treatment of spine infections. Clin Orthop Relat Res. 2006;444:38–50.	x		
Bell DA, Collie D, Statham PF. Cauda equina syndrome: what is the correlation between clinical assessment and MRI scanning? Br J Neurosurg. 2007;21(2):201–203.	Observational–D x	23 patients	
Jarvik JG, Deyo RA. Diagnostic evaluation of low back pain with emphasis on imaging. Ann Intern Med. 2002;137:586–97.	Review/Other–D x	N/A	4
Loblaw DA, Perry J, Chambers A, Laperriere NJ. Systematic review of the diagnosis and management of malignant extradural spinal cord compression: the Cancer Care Ontario Practice Guidelines Initiative’s Neuro–Oncology Disease Site Group. J Clin Oncol. 2005;23:2028–37.	Review/Other–D x	N/A	4
Todd NV. Cauda equina syndrome: the timing of surgery probably does influence outcome. Br J Neurosurg. 2005;19:301–6; discussion 307–8.	Review/Other–D x	N/A	2
Bartynski WS, Lin L. Lumbar root compression in the lateral recess: MR imaging, conventional myelography, and CT myelography comparison with surgical confirmation. AJNR Am J Neuroradiol. 24(3):348–60, 2003 Mar.	Observational–D x	26 patients	