표 1 . 근골격 핵심질문2 근거표

핵심질문 2

문헌정보	연구유형	대상자 수	문헌 질 KCIG
American College of Radiology. Manual on Contrast Media. Available at: http://www.acr.org/~/link.aspx?_id=29C4 0D1FE0EC4E5EAB6861BD213793E5&_z=z.	Review/Other-Dx	N/A	2
The ESMO/European Sarcoma Network Working Group. Soft tissue and visceral sarcomas: ESMO Clinical Practice Guidelines for diagnosis, treatment and follow-up. Annals of Oncology25 (Supplement 3): iii102-iii112, 2014	Guideline	N/A	2
P. G. Casali, & J.-Y. Blay. Soft tissue sarcomas: ESMO Clinical Practice Guidelines. Annals of Oncology21 (Supplement 5): v198-v203, 2010 for diagnosis, treatment and follow-up	Guideline	N/A	3
Robert Grimer, Ian Judson, David Peake., nd Beatrice Seddon. Guidelines for the Management of Soft Tissue Sarcomas. Sarcoma. 2010; 2010: 506182.	Guideline	N/A	3
Sundaram M, McGuire MH, Herbold DR. Magnetic resonance imaging of soft tissue masses: an evaluation of fifty-three histologically proven tumors. Magn Reson Imaging 1988;6(3):237-248	Review/Other-Dx	48 Patients	2
Griffith JF, Can DP, Kumta SM, Chow LT, Ahuja AT. Does Doppler analysis of musculoskeletal soft-tissue tumors help predict tumour malignancy? Clin Radiol 2004:5994):369-375	Observational-Dx	148 Patient	3
Lakkaraju A, Sinha R, Garikipati R, Edward S, Robison P. Ultrasound for initial evaluation and triage of clinically suspecious soft-tissue masses. Clin Radiol 2009, 64(6):615-621	Observational-Dx	358 consecutive patients	2
Jelinek JS, Kransdorf MJ, Shmookler BM, Aboulafia AJ, Malawer MM. Liposarcoma of the extremities: MR and CT findings in the histologic subtypes. Radiology 1993;186(2):455-459	Review/Other-Dx	48 Patients	2
Vanel D, Shapeero LG, De Baere T, et al. MR imaging in the follow-up of malignant and aggressive soft-tissue tumors: results of 511 examinations. Radiology 1994;190(1)263-268	Observational-Dx	182 Patients	3
Weekes RG, Berquist TH, McLeod RA, Zimmer WD. Magnetic resonance imaging of soft-tissue tumors: comparison with computed tomography. Magn Reson Imaging 1985;3(4):345-352	Observational-Dx	27 Patients	3
Cohen EK. Kressle HY, Perosio T, et al. MR imaging of soft-tissue hemangiomas: correlation with pathologic findings. AJR 1988;150(5):1079-1081	Review/Other-Dx	5	5
Crim JR, Seeger LL, Yao L, Chandnani V, Eckardt JJ. Diagnosis of soft-tissue masses with MR imaging: cab benign masses be differentiated from malignant one	Observational-Dx	83 masses	5

s? Radiology 1992;185(2):581-586			
De Schepper AM, Ramon FA, Degreyse HR. Magnetic resonance imaging of soft-tissue tumors. J Belge Radiol 1992;75(4):286-296	Observational-Dx	164 tumors	3
Jones BC, Sundaram M, Kransdorf MJ. Synovial sarcoma: MR imaging findings in 34 patients. AJR 1993;164(4):827-830	Observational-Dx	34 Patients	2
Wignall OJ, Moskovic EC, Thway K, Thomas JM. Solitary fibrous tumors of the soft tissues: review of the imaging and cilinical features with histopathologic correlation. AJR 2010;195(1):W55-62	Observational-Dx	34 cases	2
White LM, Wunder JS, Bell RS, et al. Histologic assessment of peritumoral edema in soft tissue sarcoma. Int J Radiat Oncol Biol Phys 2005;61(5):1439-1445	Observational-Dx	15 consecutive patients	3
Binkovitz LA, Berquist TH, McLeod RA. Masses of the hand and wrist: detection and characterization with MR imaging. AJR 1990; 154(2):323-326	Review/Other-Dx	131 Patients	3
Panicek DM, Gatsonis C, Rosenthal DI, et al. CT and MR imaging in the local staging of primary malignant musculoskeletal neoplasms: Report of the Radiology Diagnostic Oncology Group. Radiology 1997;202(1):237-246	Observational-Dx	367 Patients	5
Gielen JL, De Schepper AM, Vanhoenacker F, et al. Accuracy of MRI in characterization of soft tissue tumors and tumor-like lesions, A prespective study in 548 patients. Eur Radiol 2004;14(12):2320-2330	Observational-Dx	548 lesions; 930 consecutive patients	2
Moulton JS, Blebea JS, Dunco DM, Braley SE, Bisset GS, 3rd, Emery KH. MR imaging of soft-tissue masses: diagnotic efficucy and value of distinguishing between benign and malignant lesions. AJR 1995;164(5):1191-1199	Observational-Dx	225 Patient and masses	1
Panzarella MJ, Naqvi AH, Cohen HE, Damron TA. Predictive value of gadolinium enhancement in differentiating ALT/WD liposarcomas from benign fatty tumors. Skeletal Radiol 2005;34(5):272-278	Observational-Dx	32 tumors	3
Teo EL, Strouse PJ, Hernandez RJ. MR imaging differentiation of soft-tissue hemangiomas from malignant soft-tissue masses. AJR 2000;174(6):1623-1628	Observational-Dx	44 total patients	2
van der Woude HJ, Verstaete KL, Hogendoorn PC, Taminiau AH, Hermans J, Bloem JL. Musculoskeletal tumors: does fast dynamic contrast-enhanced subtraction MR imaging contribute to the characterization? Radiology 1998;208(3):821-828	Observational-Dx	175 consecutive patients	2
van Rijswijk CS, Geirnaerdt MJ, hogendoorn PC, et al. Soft-tissue tumors: value of static and dynamic gadopentetate dimeglumine-enhanced MR imaging in prediction of malignancy. Radiology 2004;233(2):493-502	Observational-Dx	140 consecutive patients	1
van Rijswijk CS, Kunz P, Hogendoorn PC, Taminiau AK, Doornbos J, Bloem JL. Diffusion-weighted MRI in	Observational-Dx	23 masses	1

the characterization of soft-tissue tumors. Jmagn Reson Imaging 2002, 15(3):302-307			
Wang CK, Li CW, Hsieh TJ, Chien SH. Liu GC, Tsai KB. Characterization of bon and soft-tissue tumors with in vivo 1H MR spectroscopy: initial results. Radiology 2004;232(2):599-605	Observational-Dx	36 consecutive patients	1
Kransdort MJ et al :Soft-tissue masses : diagnosis using MR imaging. AJR 153:541-547, 1989	Observational-Dx	112 soft tissue masses	
Berquit TH et al : Value of MR imaging in differentiating benign from malignant soft-tissue masses: study of 95 lesions. AJR 155:1251-1255, 1990	Observational-Dx	95 consecutive lesions (50 benign and 45 malignant)	
Crim JR et al : Diagnosis of soft-tissue masses with MR imaging : can benign masses be differentiated from malignant ones? Radiology 185:581-586, 1992	Observational-Dx	83 soft-tissue masses (49 benign and 34 malignant)	
Ma LD et al : Differentiation of benign and malignant musculoskeletal tumors: potential pitfalls with MR imaging. Radiographics 15:349-366, 1995	Observational-Dx	87 consecutive cases of musculoskeletal tumors	
Gielen JL et al : Accuracy of MRI in characterization of soft tissue tumors and tumor-like lesions. A prospective study in 548 patients. Eur Radiol 14:2320-2330, 2004	Observational-Dx	930 consecutive patients with STT	
De Schepper AM et al: Statistical analysis of MRI parameters predicting malignancy in 141 soft tissue masses. Rofo 156:587-591, 1992	Observational-Dx	141 soft tissue tumours (84 benign, 57 malignant)	
Moulton JS et al : MR imaging of soft-tissue masses : diagnostic efficacy and value of distinguishiung between benign and malignant lesions. AJR 164:1191-1199, 1995	Observational-Dx	225 soft tissue tumors (179 benign, 46 malignant)	
May DA et al : MR imaging of musculoskeletal tumors and tumor mimickers with intravenous gadolinium: experience with 242 patients. Skeletal Radiol 26:2-15, 1997	Observational-Dx	242 MR scans	

Kransdorf MJ et al: The use of gadolinium in the MR evaluation of soft tissue tumors. Semin Ultrasound CT MR 18:251-268, 1997	Review/Other-Dx	N/A	
van Rijswijk CS et al: Soft-tissue tumors: value of static and dynamic gadopentetate dimeglumine-enhanced MR imaging in prediction of malignancy. Radiology 233:493-502. 2004	Observational-Dx	140 consecutive patients	
Panzarella MJ et al : Predictive value of gadoliniun enhancement in differentiaing ALT/WD liposarcomas from benign fatty tumors. Skeletal Radiol 34 :272-278, 2005	Observational-Dx	129 patients	
Kajhara M et al: Evaluation of tumor blood flow in musculoskeletal lesions: dynamic contrast-enhanced MR imaging and its possibility when monitoring the response to preoperative chemotherapy-work in pogress. Radiat Med 25:94-105, 2007	Observational-Dx	33 patients	
Mirowitz SA et al : Characterization in musculoskeletal masses using dynamic Gd-DTPA enhanced spin-echo MRI. J Comput Assist Tomogr 16 : 120-125, 1992	Observational-Dx	18 musculoskeletal lesions	