

표 99. 비뇨 핵심질문2 근거표

문헌정보	연구유형	대상자 수	문헌 질 KCIG
DelMaschio A, Vanzulli A, Sironi S, et al. Estimating the depth of myometrial involvement by endometrial carcinoma: efficacy of transvaginal sonography vs MR imaging. <i>AJR</i> . 1993; 160(3):533-538.	Observational	42 patients	2
Kim SH, Kim HD, Song YS, Kang SB, Lee HP. Detection of deep myometrial invasion in endometrial carcinoma: comparison of transvaginal ultrasound, CT, and MRI. <i>J Comput Assist Tomogr</i> . 1995;19(5):766-772.	Observational	26 patients	3
Arko D, Takac I. High frequency transvaginal ultrasonography in preoperative assessment of myometrial invasion in endometrial cancer. <i>J Ultrasound Med</i> . 2000; 19(9):639-643.	Observational	120 patients	3
Yamashita Y, Mizutani H, Torashima M, et al. Assessment of myometrial invasion by endometrial carcinoma: transvaginal sonography vs contrastenhanced MR imaging. <i>AJR</i> . 1993;161(3):595-599.	Observational	40 patients	2
Grossman J, Ricci ZJ, Rozenblit A, Freeman K, Mazzariol F, Stein MW. Efficacy of contrast-enhanced CT in assessing the endometrium. <i>AJR Am J Roentgenol</i> . 2008;191(3):664-669.	Observational	259 patients; 2 reviewers	2
Haldorsen IS, Salvesen HB. Staging of endometrial carcinomas with MRI using traditional and novel MRI techniques. <i>Clin Radiol</i> . 2012; 67(1):2-12.	Review/Other-Dx	N/A	2
Wu LM, Xu JR, Gu HY, Hua J, Haacke EM, Hu J. Predictive value of T2-weighted imaging and contrast-enhanced MR imaging in assessing myometrial invasion in endometrial cancer: a pooled analysis of prospective studies. <i>Eur Radiol</i> . 2012.	Review/Other-Dx	11 articles (548 patients)	2
Sala E, Wakely S, Senior E, Lomas D. MRI of malignant neoplasms of the uterine corpus and cervix. <i>AJR</i> . 2007; 188(6):1577-1587.	Review/Other-Dx	N/A	2
Rechichi G, Galimberti S, Signorelli M, Perego P, Valsecchi MG, Sironi S. Myometrial invasion in endometrial cancer: diagnostic performance of	Observational	47 patients	1

diffusion-weighted MR imaging at 1.5-T. Eur Radiol. 2010; 20(3):754-762.			
Shen SH, Chiou YY, Wang JH, et al. Diffusion-weighted single-shot echoplanar imaging with parallel technique in assessment of endometrial cancer. AJR. 2008; 190(2):481-488.	Observational	31 patients	3
Savelli L, Ceccarini M, Ludovisi M et al. Preoperative local staging of endometrial cancer: transvaginal sonography versus magnetic resonance imaging. Ultrasound Obstet Gynecol 2008; 31: 560-568.	Observational	74 patients	2
Yamashita Y, Harada M, Sawada T et al. Normal uterus and FIGO stage I endometrial carcinoma: dynamic gadolinium-enhanced MR imaging. Radiology. 1993 Feb;186(2):495-501.	Observational	53 patients (26 cancer patients, 27 normal uterus)	3
Joja I, Asakawa M, Asakawa T et al. Endometrial carcinoma: dynamic MRI with turbo-FLASH technique. J Comput Assist Tomogr. 1996 Nov-Dec;20(6):878-87.	Observational	46 patients	3
Frei KA, Kinkel K, Bonel HM, Lu Y, Zaloudek C, Hricak H (2000) Prediction of deep myometrial invasion in patients with endometrial cancer: clinical utility of contrast-enhanced MR imaging—a meta-analysis and Bayesian analysis. Radiology 216:444-449.	Review/Other-Dx	7 articles/ 9 articles	2
Sala E et al: Added value of dynamic contrast-enhanced magnetic resonance imaging in predicting advanced stage disease in patients with endometrial carcinoma. Int J Gynecol Cancer 19: 141-146, 2009.	Observational	50 patients	1
Ortashi O et al: Evaluation of the sensitivity, specificity, positive and negative predictive values of preoperative magnetic resonance imaging for staging endometrial cancer. A prospective study of 100 cases at the Dorset Cancer Centre. Eur J Obstet Gynecol Reprod Biol 137: 232-235, 2008.	Observational	100 patients	2
Bonatti M, Stuefer J, Oberhofer N et al. MRI for local staging of endometrial carcinoma: Is endovenous contrast medium administration still needed? Eur J Radiol. 2015 Feb;84(2):208-14.	Observational	56 patients	2
Ytre-Hauge S, Husby JA, Magnussen IJ et al.	Observational	212	2

Preoperative tumor size at MRI predicts deep myometrial invasion, lymph node metastases, and patient outcome in endometrial carcinomas. <i>Int J Gynecol Cancer</i> . 2015 Mar;25(3):459–66.		patients	
Nougaret S, Reinhold C, Alsharif SS et al. Endometrial Cancer: Combined MR Volumetry and Diffusion-weighted Imaging for Assessment of Myometrial and Lymphovascular Invasion and Tumor Grade. <i>Radiology</i> . 2015 Sep;276(3):797–808.	Observational	70 patients	2
Du L, Yu Y, Wang Y et al. The diagnostic value of multimodality MRI in endometrial carcinoma staging. <i>Acta Radiol</i> . 2017 May;58(5).	Observational	83 patients	2
akeuchi M, Matsuzaki K, Harada M et al. Evaluating Myometrial Invasion in Endometrial Cancer: Comparison of Reduced Field-of-view Diffusion-weighted Imaging and Dynamic Contrast-enhanced MR Imaging. <i>Magn Reson Med Sci</i> 2018; 17; 28-34.	Observational	25 patients	2
ourgioti C, Chatoupis K, Tzavara C, et al. Predictive ability of maximal tumor diameter on MRI for high-risk endometrial cancer. <i>Abdom Radiol (NY)</i> . 2016 Dec;41(12):2484–2495.	Observational	105 patients	2
Deng L, Wang QP, Chen X, et al. The Combination of Diffusion- and T2-Weighted Imaging in Predicting Deep Myometrial Invasion of Endometrial Cancer: A Systematic Review and Meta-Analysis. <i>J Comput Assist Tomogr</i> . 2015 Sep-Oct;39(5):661–73.	Review/Other-Dx	15 articles	2
Alcázar JL, Gastón B, Navarro B, et al. Transvaginal ultrasound versus magnetic resonance imaging for preoperative assessment of myometrial infiltration in patients with endometrial cancer: a systematic review and meta-analysis. <i>J Gynecol Oncol</i> . 2017 Nov;28(6):e86.	Review/Other-Dx	8 articles	2
Luomaranta A, Leminen A, Loukovaara M. et al. Magnetic resonance imaging in the assessment of high-risk features of endometrial carcinoma: a meta-analysis. <i>Int J Gynecol Cancer</i> . 2015 Jun;25(5):837–42.	Review/Other-Dx	52 articles	2