

표 188. 갑상선 핵심질문1 근거표

핵심질문 1

문헌정보	연구유형	대상자 수	문헌 질 KCIG
Diagnostic accuracy of CT and ultrasonography for evaluating metastatic cervical lymph nodes in patients with thyroid cancer. Ahn JE1, Lee JH, Yi JS, Shong YK, Hong SJ, Lee DH, Choi CG, Kim SJ. World J Surg. 2008 Jul;32(7):1552-8.	retrospective cohort study	37	2
Preoperative diagnosis of cervical metastatic lymph nodes in papillary thyroid carcinoma: comparison of ultrasound, computed tomography, and combined ultrasound with computed tomography. Kim E1, Park JS, Son KR, Kim JH, Jeon SJ, Na DG. Thyroid. 2008 Apr;18(4):411-8	retrospective cohort study	165	2
Papillary thyroid carcinoma nodal surgery directed by a preoperative radiographic map utilizing CT scan and ultrasound in all primary and reoperative patients. Lesnik D1, Cunnane ME, Zurakowski D, Acar GO, Ecevit C, Mace A, Kamani D, Randolph GW. Head Neck. 2014 Feb;36(2):191-202.	prospective cohort study	162	2
Roles of ultrasonography and computed tomography in the surgical management of cervical lymph node metastases in papillary thyroid carcinoma. Lee DW1, Ji YB, Sung ES, Park JS, Lee YJ, Park DW, Tae K. Eur J Surg Oncol. 2013 Feb;39(2):191-6.	retrospective cohort study	252	2
American Thyroid Association statement on preoperative imaging for thyroid cancer surgery. Yeh MW1, Bauer AJ, Bernet VA, Ferris RL, Loevner LA, Mandel SJ, Orloff LA, Randolph GW, Steward DL; American Thyroid Association Surgical Affairs Committee Writing Task Force. Thyroid. 2015 Jan;25(1):3-14.	review paper	NA	2
Value of preoperative ultrasonography in the surgical management of initial and reoperative papillary thyroid cancer. Stulak JM1, Grant CS, Farley DR, Thompson GB, van Heerden JA, Hay ID, Reading CC, Charboneau JW. Arch Surg. 2006 May;141(5):489-94; discussion 494-6.	retrospective cohort study	770	2
Role of preoperative ultrasonography in the surgical management of patients with thyroid cancer. Kouvaraki MA1, Shapiro SE, Fornage BD, Edeiken-Monro BS, Sherman SI, Vassilopoulou-Sellin R, Lee JE, Evans DB. Surgery. 2003 Dec;134(6):946-54; discussion 954-5.	retrospective cohort study	212	2
The utility of routine preoperative cervical ultrasonography in patients undergoing thyroidectomy for differentiated thyroid cancer. O'Connell K1, Yen TW, Quiroz F, Evans DB, Wang TS. Surgery. 2013 Oct;154(4):697-701; discussion 701-3.	retrospective cohort study	70	2
Ultrasonography Diagnosis and Imaging-Based Management of Thyroid Nodules: Revised Korean Society of Thyroid	guideline	NA	5

Radiology Consensus Statement and Recommendations. Shin JH1, Baek JH2, Chung J3, Ha EJ4, Kim JH5, Lee YH6, Lim HK7, Moon WJ8, Na DG9, Park JS10, Choi YJ11, Hahn SY1, Jeon SJ12, Jung SL13, Kim DW14, Kim EK15, Kwak JY15, Lee CY16, Lee HJ17, Lee JH2, Lee JH18, Lee KH19, Park SW20, Sung JY21; Korean Society of Thyroid Radiology (KSThR) and Korean Society of Radiology. Korean J Radiol. 2016 May-Jun;17(3):370-95.			
Guidelines for the management of thyroid cancer. Perros P1, Boelaert K, Colley S, Evans C, Evans RM, Gerrard Ba G, Gilbert J, Harrison B, Johnson SJ, Giles TE, Moss L, Lewington V, Newbold K, Taylor J, Thakker RV, Watkinson J, Williams GR; British Thyroid Association. Clin Endocrinol (Oxf). 2014 Jul;81 Suppl 1:1-122	guideline	NA	5
Value of (124)I-PET/CT in staging of patients with differentiated thyroid cancer.  Freudenberg LS1, Antoch G, Jentzen W, Pink R, Knust J, Gorges R, Müller SP, Bockisch A, Debatin JF, Brandau W. Eur Radiol. 2004 Nov;14(11):2092-8.	cohort study	12	3
Management of thyroid dysfunction during pregnancy and postpartum: an Endocrine Society Clinical Practice Guideline.  Abalovich M1, Amino N, Barbour LA, Cobin RH, De Groot LJ, Glinoe D, Mandel SJ, Stagnaro-Green A. J Clin Endocrinol Metab. 2007 Aug;92(8 Suppl):S1-47.	guideline	NA	5
Solorzano CC, Carneiro DM, Ramirez M, Lee TM, Irvin GL, III 2004 Surgeon-performed ultrasound in the management of thyroid malignancy. Am Surg 70:576-580.	retrospective	72	4
Shimamoto K, Satake H, Sawaki A, Ishigaki T, Funahashi H, Imai T 1998 Preoperative staging of thyroid papillary carcinoma with ultrasonography. Eur J Radiol 29:4-10.	retrospective	77	4
Stulak JM, Grant CS, Farley DR, Thompson GB, van Heerden JA, Hay ID, Reading CC, Charboneau JW 2006 Value of preoperative ultrasonography in the surgical management of initial and reoperative papillary thyroid cancer. Arch Surg 141:489-494	retrospective	770	4
Kouvaraki MA, Shapiro SE, Fornage BD, Edeiken-Monro BS, Sherman SI, Vassilopoulou-Sellin R, Lee JE, Evans DB 2003 Role of preoperative ultrasonography in the surgical management of patients with thyroid cancer. Surgery 134:946-954.	retrospective	212	4
O'Connell K, Yen TW, Quiroz F, Evans DB, Wang TS 2013 The utility of routine preoperative cervical ultrasonography in patients undergoing thyroidectomy for	retrospective	70	4

differentiated thyroid cancer. <i>Surgery</i> 154:697-701.			
Giraudet AL, Vanel D, Leboulleux S, Auperin A, Dromain C, Chami L, Ny Tovo N, Lumbroso J, Lassau N, Bonniaud G, Hartl D, Travagli JP, Baudin E, Schlumberger M 2007 Imaging medullary thyroid carcinoma with persistent elevated calcitonin levels. <i>J Clin Endocrinol Metab</i> 92:4185-4190	retrospective	55	4
Hwang HS, Orloff LA. Efficacy of preoperative neck ultrasound in the detection of cervical lymph node metastasis from thyroid cancer. <i>Laryngoscope</i> . 2011;121:487-91	retrospective	99	4
Kim, E., Park, J.S., Son, K.R. et al. (2008) Preoperative diagnosis of cervical metastatic lymph nodes in papillary thyroid carcinoma: comparison of ultrasound, computed tomography, and combined ultrasound with computed tomography. <i>Thyroid</i> , 18, 411-418.	retrospective	165	2
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Khan N, Oriuchi N, Higuchi T, Endo K. Review of fluorine-18-2-fluoro-2-deoxy-D-glucose positron emission tomography (FDG-PET) in the follow-up of medullary and anaplastic thyroid carcinomas. <i>Cancer Control</i> 12:254-260.	s y s t e m a t i c review		2
Poisson T, Deandreis D, Leboulleux S, Bidault F, Bonniaud G, Baillot S, Auperin A, Al Ghuzlan A, Travagli JP, Lumbroso J, Baudin E, Schlumberger M 18F-fluorodeoxyglucose positron emission tomography and computed tomography in anaplastic thyroid cancer. <i>Eur J Nucl Med Mol Imaging</i> 37:2277-2285.	case series	20	4
Kloos RT, Eng C, Evans DB, et al. Medullary thyroid cancer: management guidelines of the American Thyroid Association. <i>Thyroid</i> 2009;19:565-612.	s y s t e m a t i c review		2
Kouvaraki MA, Shapiro SE, Fornage BD, Edeiken-Monro BS, Sherman SI, Vassilopoulou-Sellin R, Lee JE, Evans DB 2003 Role of preoperative ultrasonography in the surgical management of patients with thyroid cancer. <i>Surgery</i> 134:946-954; discussion 954-945.	retrospective case series	212	4
Stulak JM, Grant CS, Farley DR, Thompson GB, van Heerden JA, Hay ID, Reading CC, Charboneau JW 2006 Value of preoperative ultrasonography in the surgical management of initial and reoperative papillary thyroid cancer. <i>Arch Surg</i> 141:489-494; discussion 494-486.	retrospective cohort	770	4
Choi JS, Kim J, Kwak JY, Kim MJ, Chang HS, Kim EK	retrospective	299	4

2009 Preoperative staging of papillary thyroid carcinoma: comparison of ultrasound imaging and CT. AJR Am J Roentgenol 193:871-878	case series		
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