

표 30. 복부 핵심질문1 근거표

핵심질문 1

문헌정보	연구유형	대상자 수	문헌 질 KCIG
Andeweg CS, Knobben L, Hendriks JC, Bleichrodt RP, van Goor H. How to diagnose acute left-sided colonic diverticulitis: proposal for a clinical scoring system. <i>Ann Surg.</i> 2011;253(5):940-946.	Observational Dx	124 patients with ALCD; 163 patients with other diagnoses	4
Ajaj W, Ruehm SG, Lauenstein T, et al. Dark-lumen magnetic resonance colonography in patients with suspected sigmoid diverticulitis: a feasibility study. <i>Eur Radiol.</i> 2005;15(11):2316-2322.	Observational Dx	40	2
Buckley O, Geoghegan T, McAuley G, Persaud T, Khosa F, Torreggiani WC. Pictorial review: magnetic resonance imaging of colonic diverticulitis. <i>Eur Radiol.</i> 2007;17(1):221-227.	Review/other-Dx	N/A	5
Heverhagen JT, Sitter H, Zielke A, Klose KJ. Prospective evaluation of the value of magnetic resonance imaging in suspected acute sigmoid diverticulitis. <i>Dis Colon Rectum.</i> 2008;51(12):1810-1815.	Observational-Dx	55	1
Schreyer AG, Furst A, Agha A, et al. Magnetic resonance imaging based colonography for diagnosis and assessment of diverticulosis and diverticulitis. <i>Int J Colorectal Dis.</i> 2004;19(5):474-480.	Review/Other-Dx	14	5
Kircher MF, Rhea JT, Kihiczak D, Novelline RA. Frequency, sensitivity, and specificity of individual signs of diverticulitis on thin-section helical CT with colonic contrast material: experience with 312 cases. <i>AJR Am J Roentgenol.</i> 2002;178(6):1313-1318.	Observational-Dx	312	3
Niebling M, van Nunspeet L, Zwaving H, Eddes EH, Bosker R, Eeftinck Schattenkerk M. Management of colovesical fistulae caused by diverticulitis: 12 years of experience in one medical centre. <i>Acta Chir Belg.</i> 2013;113(1):30-34.	Observational-Dx	31	3
Destigter KK, Keating DP. Imaging update: acute colonic diverticulitis. <i>Clin Colon Rectal Surg.</i> 2009;22(3):147-155.	Review/other-Dx	N/A	5
Mazzei MA, Cioffi Squitieri N, Guerrini S, et al. Sigmoid diverticulitis: US findings. <i>Crit Ultrasound J.</i> 2013;5 Suppl 1: S5.	Review/other-Dx	N/A	5
Sai VF, Velayos F, Neuhaus J, Westphalen AC. Colonoscopy after CT diagnosis of diverticulitis to exclude colon cancer: a systematic literature review. <i>Radiology.</i> 2012;263(2):383-390.	Review/other-Dx	10 articles	2
Kaiser AM, Jiang JK, Lake JP, et al. The management of complicated diverticulitis and the role of computed tomography. <i>Am J Gastroenterol.</i> 2005;100(4):910-917.	Observational-Dx	511	5
Al-Sahaf O, Al-Azawi D, Fauzi MZ, El-Masry S, Gillen P. Early discharge policy of patients with acute colonic diverticulitis. <i>Ann Surg.</i> 2011;253(5):940-946.	Review/other-Dx	42	5

culitis following initial CT scan. <i>Int J Colorectal Dis.</i> 2008; 23(8):817–820.			
Ambrosetti P, Gervaz P, Fossung– Wiblshauer A. Sigmoid diverticulitis in 2011: many questions; few answers. <i>Colorectal Dis.</i> 2012;14(8):e439–446.	Review/other–Dx	N/A	5
Gielens MP, Mulder IM, van der Harst E, et al. Preoperative staging of perforated diverticulitis by computed tomography scanning. <i>Tech Coloproctol.</i> 2012;16(5):363–368.	Observational–Dx	75	2
Ritz JP, Lehmann KS, Loddenkemper C, Frericks B, Buhr H J, Holmer C. Preoperative CT staging in sigmoid diverticulitis—does it correlate with intraoperative and histological findings? <i>Langenbecks Arch Surg.</i> 2010;395(8):1009–1015.	Observational–Dx	204	3
Siewert B, Tye G, Kruskal J, et al. Impact of CT–guided drainage in the treatment of diverticular abscesses: size matters. <i>AJR Am J Roentgenol.</i> 2006;186(3):680–686.	Observational–Dx	181 patients; 31 abscesses noted in 30 patients	5
Werner A, Diehl SJ, Farag–Soliman M, Duber C. Multi–slice spiral CT in routine diagnosis of suspected acute left–sided colonic diverticulitis: a prospective study of 120 patients. <i>Eur Radiol.</i> 2003;13(12):2596–2603.	Observational–Dx	120	3
Hill BC, Johnson SC, Owens EK, Gerber JL, Senagore AJ. CT scan for suspected acute abdominal process: impact of combinations of IV, oral, and rectal contrast. <i>World J Surg.</i> 2010;34(4):699–703.	Observational–Dx	661	3
Tack D, Bohy P, Perlot I, et al. Suspected acute colonic diverticulitis: imaging with low–dose unenhanced multi–detector row CT. <i>Radiology.</i> 2005;237(1):189–196.	Observational–Dx	110	1
Ripolles T, Agramunt M, Martinez MJ, Costa S, Gomez–Abril SA, Richart J. The role of ultrasound in the diagnosis, management and evolutive prognosis of acute left–sided colonic diverticulitis: a review of 208 patients. <i>Eur Radiol.</i> 2003;13(12):2587–2595.	Observational–Dx	208	5
Lameris W, van Randen A, Bipat S, Bossuyt PM, Boermeester MA, Stoker J. Graded compression ultrasonography and computed tomography in acute colonic diverticulitis: meta–analysis of test accuracy. <i>Eur Radiol.</i> 2008;18(11):2498–2511.	Review/other–Dx	6 US studies evaluated 630 patients, and 8 CT studies evaluated 684 patients	2
van Randen A, Lameris W, van Es HW, et al. A comparison of the accuracy of ultrasound and computed tomography in common diagnoses causing acute abdominal pain. <i>Eur Radiol.</i> 2011;21(7):1535–1545.	Observational–Dx	1,021	2
Jaiyeoba O, Soper DE. A practical approach to the diagnosis of pelvic inflammatory disease. <i>Infect Dis Obstet Gynecol.</i> 2011;2011:753037.	Review/other–Dx	N/A	5
Vandermeer FQ, Wong–You–Cheong JJ. Imaging of acute pelvic pain. <i>Clin Obstet Gynecol.</i> 2009;52(1):2–20.	Review/other–Dx	N/A	5
Helou N, Abdalkader M, Abu–Rustum RS. Sonography: first–line modality in the diagnosis of acute colonic diverticulitis	Review/other–Dx	N/A	5

s? J Ultrasound Med.2013;32(10):1689–1694.			
Elsayes KM, Staveteig PT, Narra VR, Leyendecker JR, Lewis JS, Jr., Brown JJ. MRI of the peritoneum: spectrum of abnormalities. AJR Am J Roentgenol.2006;186(5):1368–1379.	Review/other–Dx	N/A	5
Broder JS, Hamedani AG, Liu SW, Emerman CL. Emergency department contrast practices for abdominal/pelvic computed tomography—a national survey and comparison with the American college of radiology appropriateness criteria((R)). J Emerg Med.2013;44(2):423–433.	Review/other–Dx	106	5
Ambrosetti P, Becker C, Terrier F. Colonic diverticulitis: impact of imaging on surgical management – a prospective study of 542 patients. Eur Radiol 2002;12:1145–1149	Observational–Dx	542	2
Pradel JA, Adell J–F, Taourel P et al. Acute colonic diverticulitis: prospective comparative evaluation with US and CT. Radiology 1997;205:503–512	Observational–Dx	64	2
Farag Soliman M, Wüstner M, Sturm J et al. Primary diagnostics of acute diverticulitis of the sigmoid. Ultraschall Med 2004 Sep;25(5):342–7	Observational–Dx	63	2
Laméris W, van Randen A, van Es HW, van Heesewijk JP, van Ramshorst B, Bouma WH, ten Hove W, van Leeuwen MS, van Keulen EM, Dijkgraaf MG, Bossuyt PM, Boermeester MA, Stoker J, OPTIMA study group: Imaging strategies for detection of urgent conditions in patients with acute abdominal pain: diagnostic accuracy study. BMJ 2009; 338:b2431.	Observational–Dx	1,021	1
Alshamari M, Norrman E, Geijer M, Jansson K, Geijer H. Diagnostic accuracy of low–dose CT compared with abdominal radiography in non–traumatic acute abdominal pain: prospective study and systematic review. Eur Radiol. 2016 Jun; 26(6):1766–74.	Observational–Dx	58	3
Tan JP, Barazanchi AW, Singh PP, Hill AG, McCormick AD. Predictors of acute diverticulitis severity: A systematic review. Int J Surg. 2016 Feb;26:43–52.	Review/other–Dx	21 studies	2
Andeweg CS, Wegdam JA, Groenewoud J, van der Wilt GJ, van Goor H, Bleichrodt RP. Toward an evidence–based step–up approach in diagnosing diverticulitis. Scand J Gastroenterol. 2014 Jul;49(7):775–84.	Review/other–Dx	3 studies for ultrasonography, 6 studies for CT, 1 study for MRI	1
Nielsen K, Richir MC, Stolk TT, van der Ploeg T, Moorman GR, Wiarda BM, Schreurs WH. The limited role of ultrasound in the diagnostic process of colonic diverticulitis. World J Surg. 2014 Jul;38(7):1814–8.	Observational–Dx	232	4