

표 63. 비뇨 핵심질문2 근거표

핵심질문 2

문헌정보	연구유형	대상자 수	문헌 질 KCIG
Ahmad I, Krishna NS. Hemospermia. J Urol. 2007;177(5):1613-1618.	Review	N/A	5
Coppens L, Bonnet P, Andrienne R, de Leval J. Adult mullerian duct or utricule cyst: clinical significance and therapeutic management of 65 cases. J Urol. 2002;167(4):1740-1744.	Observational	65 adults	2
Furuya S, Furuya R, Masumori N, Tsukamoto T, Nagaoka M. Magnetic resonance imaging is accurate to detect bleeding in the seminal vesicles in patients with hemospermia. Urology. 2008;72(4):838-842.	Observational	26 patients with hemospermia; 15 had transperineal aspiration of the seminal vesicles under TRUS guidance to confirm the bleeding	3
Furuya S, Ogura H, Saitoh N, Tsukamoto T, Kumamoto Y, Tanaka Y. Hematospermia: an investigation of the bleeding site and underlying lesions. Int J Urol. 1999;6(11):539-547; discussion 548.	Review	21 patients	2
Leary FJ, Aguilo JJ. Clinical significance of hematospermia. Mayo Clin Proc. 1974;49(11):815-817.	Review	200 patients with hematospermia	2
Leocadio DE, Stein BS. Hematospermia: etiological and management considerations. Int Urol Nephrol. 2009;41(1):77-83.	Review	N/A	5
Li BJ, Zhang C, Li K, et al. Clinical analysis of the characterization of magnetic resonance imaging in 102 cases	Observational	102 patients	3

of refractory haemospermia. <i>Andrology</i> . 2013;1(6):948–956.			
Littrup PJ, Lee F, McLeary RD, Wu D, Lee A, Kumasaka GH. Transrectal US of the seminal vesicles and ejaculatory ducts: clinical correlation. <i>Radiology</i> . 1988;168(3):625–628.	Observational	522 patients	5
Papp GK, Kopa Z, Szabo F, Erdei E. Aetiology of haemospermia. <i>Andrologia</i> . 2003;35(5):317–320.	Review	N/A	5
Prando A. Endorectal magnetic resonance imaging in persistent hemospermia. <i>Int Braz J Urol</i> . 2008;34(2):171–177; discussion 177–179.	Observational	86 patients	4
Torigian DA, Ramchandani P. Hemospermia: imaging findings. <i>Abdom Imaging</i> . 2007;32(1):29–49.	Review	N/A	5
Yagci C, Kupeli S, Tok C, Fitoz S, Baltaci S, Gogus O. Efficacy of transrectal ultrasonography in the evaluation of hemospermia. <i>Clin Imaging</i> . 2004;28(4):286–290.	Observational	54 consecutive patients with hemospermia	3
Zhao H, Luo J, Wang D, et al. The value of transrectal ultrasound in the diagnosis of hemospermia in a large cohort of patients. <i>J Androl</i> . 2012;33(5):897–903.	Observational	270 patients	3
Ng YH, Seeley JP, Smith G. Haemospermia as a presenting symptom: outcomes of investigation in 300 men. <i>Surgeon</i> . 2013;11(1):35–38.	Observational	300 patients	2
Han M, Brannigan RE, Antenor JA, Roehl KA, Catalona WJ. Association of hemospermia with prostate cancer. <i>J Urol</i> . 2004;172(6 Pt 1):2189–2192.	Observational	26,126 ambulatory men 50 years or older (40 years or older with a family history of prostate cancer or black race)	3
Xing C, Zhou X, Xin L, et al. Prospective trial comparing transrectal ultrasonography and transurethral seminal vesiculoscopy for persistent	Observational	106 patients	2

hematospermia. <i>Int J Urol.</i> 2012;19(5):437–442.			
Szlauer R, Jungwirth A. Haematospermia: diagnosis and treatment. <i>Andrologia.</i> 2008;40(2):120–124.	Review	N/A	5
Li YF, Liang PH, Sun ZY, et al. Imaging diagnosis, transurethral endoscopic observation, and management of 43 cases of persistent and refractory hematospermia. <i>J Androl.</i> 2012;33(5):906–916.	Observational	43 patients	3
Wang LJ, Tsui KH, Wong YC, Huang ST, Chang PL. Arterial bleeding in patients with intractable hematospermia and concomitant hematuria: a preliminary report. <i>Urology.</i> 2006;68(5):938–941.	Observational	5 patients	5
Zargooshi J, Nourizad S, Vaziri S, et al. Hemospermia: long-term outcome in 165 patients. <i>Int J Impot Res.</i> 2014;26(3):83–86.	Observational	157 patients	2
Aslam MI, Cheetham P, Miller MA. A management algorithm for hematospermia. <i>Nat Rev Urol.</i> 2009;6(7):398–402.	Review	N/A	5
Furuya S, Kato H. A clinical entity of cystic dilatation of the utricle associated with hemospermia. <i>J Urol.</i> 2005;174(3):1039–1042.	Observational	138 patients	5
American College of Radiology. ACR Appropriateness Criteria ®: Prostate Cancer — Pretreatment Detection, Staging, and Surveillance. Available at: https://acsearch.acr.org/docs/69371/Narrative/ .	Review	N/A	5