

Urinary Tract Infections References

Abbo LM, Hooton TM. Antimicrobial stewardship and urinary tract infections. *Antibiotics (Basel)* 2014;3:174-92.

Albert X, Huertas I, Pereiro I, Sanfélix J, Gosalbes V, Perrotta C. Antibiotics for preventing recurrent urinary tract infection in non-pregnant women. Cochrane Database of Systematic Reviews 2004, Issue 3. Art. No.: CD001209. DOI: 10.1002/14651858.CD001209.pub2.

Association for Professionals in Infection Control and Epidemiology. Antimicrobial stewardship. Arlington (VA): APIC. Available at: <http://www.apic.org/Professional-Practice/Practice-Resources/Antimicrobial-Stewardship>. Retrieved November 30, 2016.

Bannwart C, Hagmaier V, Straumann E, Hofer H, Vuilleminier JP, Rutishauser G. Modification of urinary pH through ascorbic acid [German]. *Helv Chir Acta* 1981;48:425-8.

Barrons R, Tassone D. Use of lactobacillus probiotics for bacterial genitourinary infections in women: a review. *Clin Ther* 2008;30:453-68.

Bartoletti R, Cai T, Wagenlehner FM, Naber K, Bjerklund Johansen TE. Treatment of urinary tract infections and antibiotic stewardship. *Eur Urol Suppl* 2016;15:81-7.

Beerepoot M, Geerlings S. Non-antibiotic prophylaxis for urinary tract infections. *Pathogens* 2016;5. DOI: 10.3390/pathogens5020036.

Beerepoot MA, Geerlings SE, van Haarst EP, van Charante NM, ter Riet G. Nonantibiotic prophylaxis for recurrent urinary tract infections: a systematic review and meta-analysis of randomized controlled trials. *J Urol* 2013;190:1981-9.

Bent S, Nallamothu BK, Simel DL, Fihn SD, Saint S. Does this woman have an acute uncomplicated urinary tract infection? *JAMA* 2002;287:2701-10.

Blumberg JB, Basu A, Krueger CG, Lila MA, Neto CC, Novotny JA, et al. Impact of cranberries on gut microbiota and cardiometabolic health: proceedings of the Cranberry Health Research Conference 2015. *Adv Nutr* 2016;7:759S-70S.

Brumfitt W, Gargan RA, Hamilton-Miller JM. Periurethral enterobacterial carriage preceding urinary infection [published erratum appears in Lancet 1987;1:994]. *Lancet* 1987;1:824-6.

Centers for Disease Control and Prevention. Core elements of hospital antibiotic stewardship programs. Atlanta (GA): CDC; 2014. Available at: <http://www.cdc.gov/getsmart/healthcare/implementation/core-elements.html>. Retrieved November 30, 2016.

Centers for Disease Control and Prevention. Antibiotic resistance threats in the United States, 2013. Atlanta (GA): CDC; 2013. Available at: <http://www.cdc.gov/drugresistance/pdf/ar-threats-2013-508.pdf>. Retrieved November 30, 2016.

Duenas-Garcia OF, Sullivan G, Hall CD, Flynn MK, O'Dell K. Pharmacological agents to decrease new episodes of recurrent lower urinary tract infections in postmenopausal women. A systematic review.

Urinary Tract Infections References

Female Pelvic Med Reconstr Surg 2016;22:63-9.

Finer G, Landau D. Pathogenesis of urinary tract infections with normal female anatomy. Lancet Infect Dis 2004;4:631-5.

Foxman, B. The epidemiology of urinary tract infection. Nat Rev Urol. 2010;7(12):653-60.

Foxman B, Cronenwett AE, Spino C, Berger MB, Morgan DM. Cranberry juice capsules and urinary tract infection after surgery: results of a randomized trial. Am J Obstet Gynecol 2015;213:194.e1-8.

Foxman B, Barlow R, D'Arcy H, Gillespie B, Sobel JD. Urinary tract infection: self-reported incidence and associated costs. Ann Epidemiol 2000;10:509-15.

Geerlings SE, Beerepoot MA, Prins JM. Prevention of recurrent urinary tract infections in women: antimicrobial and nonantimicrobial strategies. Infect Dis Clin North Am 2014;28:135-47.

Giesen LG, Cousins G, Dimitrov BD, van de Laar FA, Fahey T. Predicting acute uncomplicated urinary tract infection in women: a systematic review of the diagnostic accuracy of symptoms and signs. BMC Fam Pract 2010;11:78.

Gupta K, Hooton TM, Naber KG, Wullt B, Colgan R, Miller LG, et al. International clinical practice guidelines for the treatment of acute uncomplicated cystitis and pyelonephritis in women: a 2010 update by the Infectious Diseases Society of America and the European Society for Microbiology and Infectious Diseases. Infectious Diseases Society of America and European Society for Microbiology and Infectious Diseases. Clin Infect Dis 2011;52:e103-20.

Gupta K, Hooton TM, Roberts PL, Stamm WE. Patient-initiated treatment of uncomplicated recurrent urinary tract infections in young women. Ann Intern Med 2001;135:9-16.

Hetey SK, Kleinberg ML, Parker WD, Johnson EW. Effect of ascorbic acid on urine pH in patients with injured spinal cords. Am J Hosp Pharm 1980;37:235-7.

Hooton TM, Roberts PL, Cox ME, Stapleton AE. Voided midstream urine culture and acute cystitis in premenopausal women. N Engl J Med 2013;369:1883-91.

Hooton TM. Clinical Practice. Uncomplicated urinary tract infection. N Engl J Med 2012;366:1028-37.

Howell AB, Botto H, Combesure C, Blanc-Potard AB, Gausa L, Matsumoto T, et al. Dosage effect on uropathogenic Escherichia coli anti-adhesion activity in urine following consumption of cranberry powder standardized for proanthocyanidin content: a multicentric randomized double blind study. BMC Infect Dis 2010;10:94.

Huang Y, Nikolic D, Pendland S, Doyle BJ, Locklear TD, Mahady GB. Effects of cranberry extracts and ursolic acid derivatives on P-fimbriated Escherichia coli, COX-2 activity, pro-inflammatory cytokine release and the NF-kappabeta transcriptional response in vitro. Pharm Biol 2009;47:18-25.

Urinary Tract Infections References

Hurlbut TA 3rd, Littenberg B. The diagnostic accuracy of rapid dipstick tests to predict urinary tract infection. Am J Clin Pathol 1991;96:582-8.

Jepson RG, Williams G, Craig JC. Cranberries for preventing urinary tract infections. Cochrane Database of Systematic Reviews 2012, Issue 10. Art. No.: CD001321. DOI: 10.1002/14651858.CD001321.pub5.

Kraft JK, Stamey TA. The natural history of symptomatic recurrent bacteriuria in women. Medicine (Baltimore) 1977;56:55-60.

Lee BS, Bhuta T, Simpson JM, Craig JC. Methenamine hippurate for preventing urinary tract infections. Cochrane Database of Systematic Reviews 2012, Issue 10. Art. No.: CD003265. DOI: 10.1002/14651858.CD003265.pub3.

Liska DJ, Kern HJ, Maki KC. Cranberries and urinary tract infections: how can the same evidence lead to conflicting advice? Adv Nutr 2016;7:498-506.

Luthje P, Brauner A. Novel strategies in the prevention and treatment of urinary tract infections. Pathogens 2016;5. DOI: 10.3390/pathogens5010013.

Maki KC, Kaspar KL, Khoo C, Derrig LH, Schild AL, Gupta K. Consumption of a cranberry juice beverage lowered the number of clinical urinary tract infection episodes in women with a recent history of urinary tract infection. Am J Clin Nutr 2016;103:1434-42.

McLellan LK, Hunstad DA. Urinary tract infection: pathogenesis and outlook. Trends Mol Med 2016. DOI: 10.1016/j.molmed.2016.09.003

Melekos MD, Asbach HW, Gerharz E, Zarakovitis IE, Weingaertner K, Naber KG. Post-intercourse versus daily ciprofloxacin prophylaxis for recurrent urinary tract infections in premenopausal women. J Urol 1997;157:935-9.

Nicolle LE, Ronald AR. Recurrent urinary tract infection in adult women: diagnosis and treatment. Infect Dis Clin North Am 1987;1:793-806.

Nosti PA, Arnold KC, Iglesia CB. Have you tried these innovative alternatives to antibiotics for uti prevention? OBG Manag 2013;25(2):17-26.

Ochoa-Brust GJ, Fernandez AR, Villanueva-Ruiz GJ, Velasco R, Trujillo-Hernandez B, Vasquez C. Daily intake of 100 mg ascorbic acid as urinary tract infection prophylactic agent during pregnancy. Acta Obstet Gynecol Scand 2007;86:783-7.

O'Kane DB, Dave Sameer K, Gore N, Patel F, Hoffmann TC, Trill JL, et al. Urinary alkalinization for symptomatic uncomplicated urinary tract infection in women. Cochrane Database of Systematic Reviews 2016, Issue 4. Art. No.: CD010745. DOI: 10.1002/14651858.CD010745.pub2.

Pfau A, Sacks TG. Effective prophylaxis for recurrent urinary tract infections during pregnancy. Clin Infect Dis 1992;14:810-4.

Urinary Tract Infections References

Price JR, Guran LA, Gregory WT, McDonagh MS. Nitrofurantoin vs other prophylactic agents in reducing recurrent urinary tract infections in adult women: a systematic review and meta-analysis. *Am J Obstet Gynecol* 2016;215:548-60.

Raz R, Stamm WE. A controlled trial of intravaginal estriol in postmenopausal women with recurrent urinary tract infections. *N Engl J Med* 1993;329:753-6.

Rudenko N, Dorofeyev A. Prevention of recurrent lower urinary tract infections by long-term administration of fosfomycin trometamol. Double blind, randomized, parallel group, placebo controlled study. *Arzneimittelforschung* 2005;55:420-7.

Russo TA, Stapleton A, Wenderoth S, Hooton TM, Stamm WE. Chromosomal restriction fragment length polymorphism analysis of *Escherichia coli* strains causing recurrent urinary tract infections in young women. *J Infect Dis* 1995;172:440-5.

Schaeffer AJ, Stuppy BA. Efficacy and safety of self-start therapy in women with recurrent urinary tract infections. *J Urol* 1999;161:207-11.

Shapiro DJ, Hicks LA, Pavia AT, Hersh AL. Antibiotic prescribing for adults in ambulatory care in the USA, 2007-09. *J Antimicrob Chemother* 2014;69:234-40.

Smelov V, Naber K, Bjerklund Johansen TE. Improved classification of urinary tract infection: future considerations. *Eur Urol Suppl* 2016;15:71-80.

Stamm WE, Hooton TM. Management of urinary tract infections in adults. *N Engl J Med* 1993;329:1328-34.

Stamm WE, McKeitt M, Roberts PL, White NJ. Natural history of recurrent urinary tract infections in women. *Rev Infect Dis* 1991;13:77-84.

Stamm WE, Counts GW, Running KR, Fihn S, Turck M, Holmes KK. Diagnosis of coliform infection in acutely dysuric women. *N Engl J Med* 1982;307:463-8.

Stapleton AE. Urine culture in uncomplicated UTI: interpretation and significance. *Curr Infect Dis Rep* 2016;18:15,016-0522-0.

Stapleton AE, Au-Yeung M, Hooton TM, Fredricks DN, Roberts PL, Czaja CA, et al. Randomized, placebo-controlled phase 2 trial of a *Lactobacillus crispatus* probiotic given intravaginally for prevention of recurrent urinary tract infection. *Clin Infect Dis* 2011;52:1212-7.

Tandogdu Z, Wagenlehner FM. Global epidemiology of urinary tract infections. *Curr Opin Infect Dis* 2016;29:73-9.

Taur Y, Smith MA. Adherence to the Infectious Diseases Society of America Guidelines in the treatment of uncomplicated urinary tract infection. *Clin Infect Dis* 2007;44:769-74.

Urinary Tract Infections References

U.S. Food and Drug Administration. FDA drug safety communication: FDA updates warnings for oral and injectable fluoroquinolone antibiotics due to disabling side effects. Silver Spring (MD): FDA; 2016.
Available at: <http://www.fda.gov/Drugs/DrugSafety/ucm511530.htm>. Retrieved November 30, 2016.

Vahlensieck W, Perepanova T, Bjerklund Johansen TE, Tenke P, Naber K, Wagenlehner FM. Management of uncomplicated recurrent urinary tract infections. *Eur Urol Suppl* 2016;15:95-101.

Wang CH, Fang CC, Chen NC, Liu SS, Yu PH, Wu TY, et al. Cranberry-containing products for prevention of urinary tract infections in susceptible populations: a systematic review and meta-analysis of randomized controlled trials. *Arch Intern Med* 2012;172:988-96.

Wong ES, McKeitt M, Running K, Counts GW, Turck M, Stamm WE. Management of recurrent urinary tract infections with patient-administered single-dose therapy. *Ann Intern Med* 1985;102:302-7.

Zalmanovici Trestioreanu A, Green H, Paul M, Yaphe J, Leibovici L. Antimicrobial agents for treating uncomplicated urinary tract infection in women. *Cochrane Database of Systematic Reviews* 2010, Issue 10. Art. No.: CD007182. DOI: 10.1002/14651858.CD007182.pub2.

Zhanel GG, Hisanaga TL, Laing NM, DeCorby MR, Nichol KA, Weshnoweski B, et al. Antibiotic resistance in *Escherichia coli* outpatient urinary isolates: final results from the North American Urinary Tract Infection Collaborative Alliance (NAUTICA). NAUTICA Group. *Int J Antimicrob Agents* 2006;27:468-75.