

REFERENCES

1. http://www.cdc.gov/nchs/data/ahcd/nhamcs_emergency/2010_ed_web_tables.pdf (National Hospital Ambulatory Medical Care Survey 2010 Emergency Department Survey Tables.) Accessed July 2, 2014.
2. Dielubanza EJ, Schaeffer AJ: Urinary tract infections in women. *Med Clin N Am* 95: 27, 2011. [PMID: 21095409]
3. Salvatore S, Salvatore S, Cattoni E, et al: Urinary tract infections in women. *Eur J Obstet Gynecol Reprod Biol* 156: 131, 2011. [PMID: 21349630]
4. Darouiche RO, Green BG, Donovan WH, et al: Multicenter randomized controlled trial of bacterial interference for prevention of urinary tract infection in patients with neurogenic bladder. *Urology* 78: 341, 2011. [PMID: 21683991]
5. Cai T, Mazzoli S, Mondaini N, et al: The role of asymptomatic bacteriuria in young women with recurrent urinary tract infections: to treat or not to treat? *Clin Infect Dis* 55: 771, 2012. [PMID: 22677110]
6. Ferry SA, Holm SE, Stenlund H, et al: Clinical and bacteriological outcome of different doses and duration of pivmecillinam compared with placebo therapy of uncomplicated lower urinary tract infection in women: the LUTTW project. *Scand J Prim Health Care* 25: 49, 2007. [PMID: 17354160]
7. Hooton TM, Roberts PL, Cox ME, Stapleton AE: Voided midstream culture and acute cystitis in premenopausal woman. *N Engl J Med* 369: 1883, 2013. [PMID: 24224622]
8. Hooton TM: Uncomplicated urinary tract infection. *N Engl J Med* 366: 1028, 2012. [PMID: 22417256]
9. http://www.uroweb.org/guidelines/online-guidelines/?no_cache=1 (Grabe M, Bartoletti R, Bjerklund-Johansen TE, et al: Guidelines on urological infections. European Association of Urology. Uroweb 2014.) Accessed May 28, 2014.
10. LE Nicolle; AMMI Canada Guidelines Committee: Complicated urinary tract infection in adults. *Can J Infect Dis Med Microbiol* 16: 349, 2005. [PMID: 18159518]
11. Gupta K, Hooton T, Naber K, et al: International clinical guidelines for the treatment of acute uncomplicated cystitis and pyelonephritis in women: a 2010 update by the Infectious Disease Society of America and the European Society for Microbiology and Infectious Disease. *Clin Infect Dis* 52: e103, 2011. [PMID: 21292654]
12. Dason S, Dason JT, Kapoor A: Guidelines for the diagnosis and management of recurrent urinary tract infection in woman. *Can Urol Assoc J* 5: 316, 2011. [PMID: 22031610]
13. Epp A, Larochelle A, Lovatsis D, et al: Recurrent urinary tract infection. *J Obstet Gynaecol Can* 32: 1082, 2010. [PMID: 21176321]
14. Finer G, Landau D: Pathogenesis of urinary tract infections with normal female anatomy. *Lancet Infect Dis* 4: 631, 2004. [PMID: 15451491]
15. Foxman B: The epidemiology of urinary tract infection. *Nat Rev Urol* 7: 653, 2010. [PMID: 21139641]
16. Doi Y, Park YS, Rivera JI, et al: Community-associated extended-spectrum β-lactamase-producing *Escherichia coli* infection in the United States. *Clin Infect Dis* 56: 641, 2013. [PMID: 23150211]
17. Meier S, Weber R, Zbinden R, Ruef C, Hasse B: Extended-spectrum beta-lactamase producing gram-negative pathogens in community-acquired urinary tract infections: an increasing challenge for antimicrobial therapy. *Infection* 39: 333, 2011. [PMID: 21706226]
18. Foxman B: Extended-spectrum beta-lactamase-producing *Escherichia coli* in the United States: time to rethink empirical treatment for suspected *E. coli* infections? *Clin Infect Dis* 56: 649, 2013. [PMID: 23150212]
19. Melzer M, Petersen I: Morality following bacteremic infection caused by extended spectrum beta-lactamase (ESBL) producing *E. coli* compared to non-ESBL producing *E. coli*. *J Infect* 55: 254, 2007. [PMID: 17574678]
20. Hooton TM, Bradley SF, Cardenas DD, et al: Diagnosis, prevention, and treatment of catheter-associated urinary tract infection in adults: 2009 international clinical practice guidelines from the Infectious Diseases Society of America. *Clin Infect Dis* 50: 625, 2010. [PMID: 20175247]
21. Tenke P, Kovacs B, Bjerklund-Johansen TE, et al: European and Asian guidelines on management and prevention of catheter-associated urinary tract infections. *Int J Antimicrob Agents* 31S: S68, 2008. [PMID: 18006279]
22. Schmiemann G, Kniehl E, Gebhardt K, et al: The diagnosis of urinary tract infection. *Dtsch Arztebl Int* 107: 361, 2010. [PMID: 20539810]
23. Little P, Turner S, Rumsby K, et al: Dipsticks and diagnostic algorithms in urinary tract infection: development and validation, randomized trial, economic analysis, observational cohort and qualitative study. *Health Technol Assess* 13: 1, 2009. [PMID: 19671372]
24. Meister L, Morley Ej, Scheer E, Sinert R: History and physical examination plus laboratory testing for the diagnosis of adult female urinary tract infection. *Acad Emerg Med* 20: 631, 2013. [PMID: 23859578]
25. Giesen LGM, Cousins G, Dimitrov BD, et al: Predicting acute uncomplicated urinary tract infection in women: a systematic review of the diagnostic accuracy of symptoms and signs. *BMC Fam Pract* 11: 78, 2010. [PMID: 20969801]
26. Medina-Bombardo D, Jover-Palmer A: Does clinical examination aid in the diagnosis of urinary tract infections in women? A systematic review and meta-analysis. *BMC Fam Pract* 12: 111, 2011. [PMID: 21985418]
27. Foxman B, Buxton M: Alternative approaches to conventional treatment of acute uncomplicated urinary tract infection in women. *Curr Infect Dis Rep* 15: 124, 2013. [PMID: 23378124]
28. Little P, Moore MV, Turner S, et al: Effectiveness of five different approaches in management of urinary tract infection: randomized controlled trial. *BMJ* 340: c199, 2010. [PMID: 20139214]
29. Lutters M, Vogt-Ferrier NB: Antibiotic duration for treating uncomplicated, symptomatic lower urinary tract infections in elderly women. *Cochrane Database Syst Rev* 3: CD001535, 2008. [PMID: 18646074]
30. Olson RP, Harrell LJ, Day KS: Antibiotic resistance in urinary isolates of *Escherichia coli* from college woman with urinary tract infections. *Antimicrob Agents Chemother* 53: 1285, 2009. [PMID: 19104022]
31. Etienne M, Lefebvre E, Frebourg N, et al: Antibiotic treatment of acute uncomplicated cystitis based on rapid urine test and local epidemiology: lessons from a primary care series. *BMC Infect Dis* 14: 137, 2014. [PMID: 24612927]
32. Gupta K, Hooton TM, Roberts PL, Stamm WE: Short-course nitrofurantoin for the treatment of acute uncomplicated cystitis in women. *Arch Intern Med* 167: 2207, 2007. [PMID: 17998493]
33. Schito GC, Naber KG, Botto H, et al: The ARESC study: an international survey on the antimicrobial resistance of pathogens involved in uncomplicated urinary tract infections. *Int J Antimicrob Agents* 34: 407, 2009. [PMID: 19505803]
34. Auer S, Wojna A, Hell M: Oral treatment options for ambulatory patients with urinary tract infections caused by extended-spectrum beta-lactamase *Escherichia coli*. *Antimicrob Agents Chemother* 54: 4006, 2010. [PMID: 20585127]
35. Centers for Disease Control and Prevention: Recommendations for the laboratory-based detection of *Chlamydia trachomatis* and *Neisseria gonorrhoeae*-2014. *MMWR Recomm Rep* 63: 1, 2014. [PMID: 24622331]
36. Centers for Disease Control and Prevention: Update to CDC's Sexually Transmitted Diseases Treatment Guideline, 2010: oral cephalosporins no longer a recommended treatment for gonococcal infections. *MMWR Morb Mortal Wkly Rep* 61: 590, 2012. [PMID: 22874837]
37. Drekonja DM, Rector TS, Cutting A, Johnson JR: Urinary tract infection in male veterans: treatment patterns and outcomes. *JAMA Intern Med* 173: 62, 2013. [PMID: 23212273]
38. Smithson A, Ramos J, Bastida MT: Time to redefine the duration of antimicrobial treatment in male patients with urinary tract infections. *JAMA Intern Med* 173: 1153, 2013. [PMID: 23797164]
39. Gupta K, Trautner BW: Diagnosis and management of recurrent urinary tract infections in non-pregnant women. *BMJ* 346: f3140, 2013. [PMID: 23719637]
40. Epp A, Larochelle A, Lovatsis D, et al: Recurrent urinary tract infection. *J Obstet Gynaecol Can* 32: 1082, 2010. [PMID: 21176321]
41. Dason S, Dason JT, Kapoor A: Guidelines for the diagnosis and management of recurrent urinary tract infection in women. *Can Urol Assoc J* 5: 316, 2011. [PMID: 22031610]
42. Sammon JD, Sharma P, Rahbar H, et al: Predictors of admission in patients presenting to the emergency department with urinary tract infection. *World J Urol* 32: 813, 2014. [PMID: 24072010]
43. Pohl A: Modes of administration of antibiotics for symptomatic severe urinary tract infections. *Cochrane Database Syst Rev* 4: CD003237, 2007. [PMID: 17943784]
44. Shephard EA, Stapley S, Neal RD, et al: Clinical features of bladder cancer in primary care. *Br J Gen Pract* 62: e250, 2012. [PMID: 22947580]
45. Shephard EA, Neal RD, Rose P, et al: Clinical features of kidney cancer in primary care: a case control study using primary care records. *Br J Gen Pract* 63: e598, 2013. [PMID: 23540481]
46. Davis R, Jones JS, Barcos DA, et al: Diagnosis, evaluation and follow-up of asymptomatic microhematuria (AMH) in adults: AUA guideline. *J Urol* 188: 2473, 2012. [PMID: 23098784]
47. Loo RK, Lieberman SF, Slezak JM, et al: Stratifying risk of urinary tract malignant tumors in patients with asymptomatic microscopic hematuria. *Mayo Clin Proc* 88: 129, 2013. [PMID: 23312369]
48. Female Urogenital Diseases National Guideline Clearinghouse—<http://www.guideline.gov/browse/by-topic-detail.aspx?id=51779&ct=1>
49. Guidelines on Urological Infections, European Association of Urology—<http://www.uroweb.org/guidelines/>
50. Hematuria (Blood in the Urine), National Kidney and Urologic Diseases Information Clearinghouse—<http://kidney.niddk.nih.gov/KUDiseases/pubs/hematuria/>
51. Male Urogenital Diseases National Guideline Clearinghouse—<http://www.guideline.gov/browse/by-topic-detail.aspx?id=51831&ct=1>

USEFUL WEB RESOURCES

Female Urogenital Diseases National Guideline Clearinghouse—<http://www.guideline.gov/browse/by-topic-detail.aspx?id=51779&ct=1>
Guidelines on Urological Infections, European Association of Urology—<http://www.uroweb.org/guidelines/>
Hematuria (Blood in the Urine), National Kidney and Urologic Diseases Information Clearinghouse—<http://kidney.niddk.nih.gov/KUDiseases/pubs/hematuria/>
Male Urogenital Diseases National Guideline Clearinghouse—<http://www.guideline.gov/browse/by-topic-detail.aspx?id=51831&ct=1>