Genitourinary Problems in Women

Objectives

- Discuss the epidemiology, risk factors, diagnostic testing and treatment of pyelonephritis in women

- Summarize predisposing factors that put in women at risk for urinary tract infections

- Review the pathogenesis, evaluation approaches and treatment of urinary tract infections in women

- Describe pathogenesis, risk factors, clinical presentation, diagnostic approaches and treatment of urinary problems unique to women

Content Outline

1. Pyelonephritis in Women
   1.1 Epidemiology
   1.2 Risk factors
   1.3 Clinical diagnosis
      1.3.1 Cultures (blood, urine)
      1.3.2 Imaging
   1.4 Treatment
      1.4.1 Inpatient
      1.4.2 Outpatient

2. Urinary Tract Infections in Women
   2.1 Risk factors
      2.1.1 Susceptibility
      2.1.2 Behavioral
      2.1.3 Genetic
      2.1.4 Age-specific
      2.1.5 Special Situations: Catheterization and Pregnancy
   2.2 Pathogenesis
   2.3 Evaluation
   2.4 Treatment
      2.4.1 Antimicrobial therapy
      2.4.2 Prophylaxis

3. Urinary Problems (Pathophysiology, Diagnosis, Treatment)
   3.1 Urinary Tract Infections
   3.2 Urinary Incontinence
      3.2.1 Stress
      3.2.2 Urge
      3.2.3 Mixed
   3.3 Painful Bladder Syndrome
   3.4 Interstitial Cystitis

Reading Material Resources

This self assessment module is based on the resources listed below. A copy of each article is included with the module.

"Diagnosis and Treatment of Acute Pyelonephritis in Women", Colgan, MD, Richard, et al., American Family Physician, Volume 84, No. 5, September 1, 2011, pp. 519-526


"Urinary Problems in Women", French, MD, Linda, et al., Primary Care Clinic Office Practice, Volume 36, 2009, pp. 53-71