**UTI in Women**

Woman with symptoms of UTI:
- Dysuria, frequency, hematuria, back pain

Urinary catheter in place?
- Yes: See CAUTI algorithm
- No: Risk factors* for complicated UTI?
  - Yes: Back Pain or Fever?
    - No: Urine culture to establish diagnosis
    - Yes: Moderate probability of UTI, possible pyelonephritis
      - Send urine culture to establish diagnosis
      - Empirical therapy
  - No: Send urinalysis
    - Positive?
      - Yes: Pelvic exam including cervical culture/NAAT for GC/Chlamydia as appropriate, urine culture to establish diagnosis
      - No: Follow-up as needed
    - Negative: Low probability of UTI. Consider urine culture or close clinical follow-up and pelvic examination

* Risk factors for complicated UTI:
- Urologic structural/functional abnormality
- Diabetes mellitus
- Immunosuppression
- Nephrolithiasis
- Pregnancy
- Recent hospitalization
- Nursing home residence
- Recurrent UTIs (3/year)
- Symptoms > 7 days
- Failed previous treatment attempt

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