PrimeWest Health Best Practice Guidelines For:
Symptoms of Urinary Tract Infection (UTI)

**Symptoms or Signs of UTI**
- Painful urination (dysuria)
- Lower abdominal tenderness
- Blood in the urine
- New or worsening urinary urgency, frequency, incontinence

**Take Vital Signs**
- Temperature
- Blood pressure (BP), pulse
- Respirations
- Finger stick glucose (those with diabetes)

**Vital Sign Criteria** (Any met?)
- Temp >100.5° (>38.05°C)
- Apical heart rate >100?
- Respiratory rate >30/min?
- BP <90 systolic?
- Finger stick glucose <70 or >400?
- Unable to eat or dink?

**Notify MD/NP/PA Immediately**

**Consider Contacting MD/NP/PA for Orders for Lab Testing**
- Urinalysis
- Urine culture and sensitivity
  - Collect clean voided specimen if possible; in-and-out catheter only if necessary
  - For those with indwelling Foley catheter:
    - Change the catheter
    - Send urine obtained from new catheter
- Complete blood count
- Basic metabolic panel

**Evaluate Lab Results and Reassess**
- Critical values in blood count or metabolic panel?
- White blood count (WBC) >12,000?
- Persistent nausea or vomiting?
- Unstable vital signs?

**Further Nursing Assessment**
- Meets minimum criteria for initiating antibiotics:
  - Dysuria alone
  - Fever >100° F (37.9° C) or 2.4° F (1.5° C) increase above baseline and one of the signs or symptoms listed above

**Monitor and Reassess**
- Monitor vital signs and symptoms
- Check results of urinalysis and culture
- Consider antibiotic treatment if individual meets above criteria

**Manage in Facility – Options**
- Monitor vital signs every 4 – 8 hours
- Oral, IV, or subcutaneous hydration as indicated
- Antibiotic therapy for at least 7 and up to 14 days (check allergies)
  - Oral (7 – 14 days):
    - Amoxicillin 500 mg tid
    - Cefuroxime 125-250 mg tid
    - Ciprofuroxacin 250-750 mg bid
    - Nitrofurantoin 100 mg bid (with adequate renal function)
    - Trimethoprim/Sulfamethoxazole 160/800 bid

**Consider Transfer to Acute Care Facility**

**Discontinue Antibiotic if Culture Negative**