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Decreasing the Prevalence of Urinary Tract Infections in a Long Term Care Facility

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**UTI Assessment, Management and Monitoring Pathway**

**Typical Symptoms** (check all that apply) *must confirm 3 symptoms prior to initiating management*
- New or worsening dysuria
- Temp >38°C or 1.5°C above baseline
- New or worsening urgency, burning, and/or frequency
- New or worsening urinary incontinence
- New flank or suprapubic pain/tenderness
- Change in character of urine (blood, sediment, pyuria, foul smelling)
- Changes or worsening functional and/or mental status (disoriented, confused, sleepy)

**No Indwelling Catheter:**
- New or worsening dysuria
- Temp >38°C or 1.5°C above baseline
- New or worsening urgency, burning, and/or frequency
- New or worsening urinary incontinence
- New flank or suprapubic pain/tenderness
- Change in character of urine (blood, sediment, pyuria, foul smelling)
- Changes or worsening functional and/or mental status (disoriented, confused, sleepy)

**Non-specific Symptoms of UTI**
- Onset of smelly and/or turbid urine
- No fever
- No genitourinary symptoms
- Changes or worsening functional and/or mental status (disoriented, confused, sleepy), increase in falls

**Urine Dip Positive**
- for leukocytes
- and/or nitrates

**Urine Dip Negative**
- for leukocytes
- and/or nitrates

**Management:** (check all that apply)
- Take full set of vitals
- Notify facility RN and review symptoms, previous history, current meds, fluid intake
- Increase fluid intake if possible (unless on fluid restriction)
- Notify physician
- Obtain Mid-Stream Urine as ordered by physician (good peri care is essential)
- Antibiotic therapy may be ordered
- Record UTI on Infection Record Sheet
  - Treat associated symptoms
- Update family
- Start STAT Cranberry

Urine C&S collected Date/time __________ Initials:____
Antibiotic therapy ordered Date/time __________ Initials:____

Urine C&S results positive

STOP antibiotics if started before C&S result and contact physician (to prevent development of resistant organisms) Date/Time: _____ Initials: _____

Monitoring: (check all that apply)
- Monitor for improvement in symptoms and contact physician if no improvement within 48 hours following initiation of antibiotics
- Observe residents closely if antibiotics are ordered while on warfarin
- Transfer to acute care should be considered for any of the following: respiratory distress, tachycardia, CHF, hypotension, reduced LOC, resident and/or family wishes to be treated in hospital