### Urinary Tract Infection Evaluation Guideline

**Signs and Symptoms:** - circle all positive findings -

<table>
<thead>
<tr>
<th>UTI specific</th>
<th>Non-specific</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fever</td>
<td>Agitation</td>
</tr>
<tr>
<td>Suprapubic pain</td>
<td>Costovertebral pain</td>
</tr>
<tr>
<td>Dysuria (burning)</td>
<td>New Incontinence</td>
</tr>
<tr>
<td>Leukocytosis</td>
<td>Change in Mental Status</td>
</tr>
</tbody>
</table>

**Lab Testing: Urinalysis (UA) and Urine Culture (C&S)**
- Both a UA and Urine Culture should always be ordered together for residents of LTC facilities.
- A Foley catheter in place for >14 days should be replaced prior to obtaining a sample for culture.
- **1st** clean catch of the morning is best. Refrigerate cultures or put on ice to avoid false positive cultures!

**Watchful Waiting** = Monitor & document symptoms & behavior, PUSH FLUIDS (if clinically appropriate) and continue considering other causes.

**Evaluation and Management Options** *(The Options are a guide when speaking to the MD about culture and antibiotic orders)*
1. If entirely non-specific signs and symptoms *(no urinary symptoms)*:
   - A. Stop evaluation OR
   - B. Obtain UA & C&S but use Watchful Waiting until C&S results available
2. If mixed specific and non-specific signs and symptoms:
   - A. Obtain UA & C&S but use Watchful Waiting until C&S results available OR
   - B. Obtain UA & C&S and call MD for empiric antibiotic only if symptoms severe
3. If multiple specific signs and symptoms *(higher suspicion of UTI)*:
   - A. Obtain UA & C&S and await C&S results if symptoms moderate OR
   - B. Obtain UA & C&S and obtain order for empiric therapy if symptoms severe

**Re-Evaluation in 24-48 hours:** if UA & C&S negative – Call MD to stop antibiotic!
- If UA & C&S is positive and signs/symptoms persist – obtain antibiotic order.
- If UA & C&S is positive and signs/symptoms no longer present – call MD to report results and that resident is currently without symptoms, encourage Watchful Waiting

**Remember:** THE A CHOICE IS THE BEST CHOICE FOR ANTIBIOTIC STEWARDSHIP!

**Source:** Adapted from PMDA Urinary Tract Infection Evaluation Guideline 10/2014

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For more information, visit http://patientsafety.pa.gov.

This sample tool accompanies
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