

## Catheter-associated Urinary Tract Infection (CAUTI)

Criteria for defining CAUTI in long-term care residents:

### **One or more of the following:**

- Fever\*
- Rigors (shaking chills)
- New onset hypotension
- New onset confusion/functional decline AND increased white blood cell count\*
- New costovertebral angle pain or tenderness
- New or increased suprapubic pain or tenderness
- Acute pain, tenderness, or swelling of the testes, epididymis, or prostate
- Pus around the catheter site

**AND**

### **Any of the following:**

*If catheter removed in last 2 calendar days:*

- Voided urine culture positive for  $\geq 100,000$  colony forming units (CFU)/ml of no more than 2 species of microorganisms
- In/Out catheter urine culture positive for  $\geq 100$  colony forming units (CFU)/ml of any number of microorganisms

*If catheter in place:*

- Indwelling catheter urine culture positive for  $\geq 100,000$  colony forming units (CFU)/ml of any number of microorganisms

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<b>*Constitutional Criteria for Long-term Care Residents</b>
<p><b><u>Fever</u></b></p> <p>Must have one of the following:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Single oral temperature &gt;100°F (37.8°C)</li> <li><input type="checkbox"/> Repeated oral temperature &gt;99°F (37.2°C) <b>OR</b> rectal temperature &gt;99.5°F (37.5°C)</li> <li><input type="checkbox"/> Single temperature &gt;2°F (1.1°C) over baseline from any site (oral, tympanic, axillary)</li> </ul>
<p><b><u>Increased White Blood Cell Count (Leukocytosis)</u></b></p> <p>Must have one of the following:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> &gt;14,000 white blood cells (leukocytes)/mm<sup>3</sup></li> <li><input type="checkbox"/> Increase in immature white blood cells (Left Shift) with &gt;6% bands or &gt;1,500 bands/mm<sup>3</sup></li> </ul>
<p><b><u>Acute Change in Mental Status</u></b></p> <p>All components must be present:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Acute onset (a new change)</li> <li><input type="checkbox"/> Fluctuating course (behavior change coming and going, or changing in severity)</li> <li><input type="checkbox"/> Inattention (difficulty focusing attention)</li> <li><input type="checkbox"/> Disorganized thinking (thinking is incoherent or hard to follow) <b>OR</b> Altered level of consciousness (change is different from baseline, may be sleepy, lethargic, difficult to arouse)</li> </ul>
<p><b><u>Acute Functional Decline</u></b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> New 3 point increase in Total activities of daily living (ADL) score from baseline (range: 0-28) Each ADL scored from 0 (independent) to 4 (totally dependent), including: bed mobility, transfer, locomotion within facility, dressing, toilet use, personal hygiene, and eating</li> </ul>

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