



## Risk Factors for Urinary Tract Infections (UTIs)

Use this list of evidence-based risk factors for identifying residents that are at a higher risk of acquiring a UTI. If a resident has three or more of these, assessment of a possible UTI is advised.

<input checked="" type="checkbox"/>	<b>Risk</b>
<input type="checkbox"/>	<b>Increased Age with Below Conditions</b> <ul style="list-style-type: none"> <li>Residents who are 65 years old and older are at higher risk due to presence of bacteria and weaker immune systems</li> <li>Elderly males                             <ul style="list-style-type: none"> <li>Prostatic hypertrophy</li> <li>Bladder/Kidney stone</li> <li>Bacterial Prostatitis</li> </ul> </li> <li>Elderly women                             <ul style="list-style-type: none"> <li>Prolapsed uterus</li> </ul> </li> </ul>
<input type="checkbox"/>	<b>Bacteria Exposure</b> <ul style="list-style-type: none"> <li>Possible contact with bacteria from a recent hospitalization</li> </ul>
<input type="checkbox"/>	<b>Prior UTI</b> <ul style="list-style-type: none"> <li>History of UTI puts residents at higher risk</li> </ul>
<input type="checkbox"/>	<b>Bowel and/or Bladder Incontinence</b> <ul style="list-style-type: none"> <li>May not completely empty bladder</li> <li>Bacteria contact with perineal area</li> </ul>
<input type="checkbox"/>	<b>Urinary Catheter</b> <ul style="list-style-type: none"> <li>Prolonged catheter use can provide a route for bacteria or fungus to enter the body</li> </ul>
<input type="checkbox"/>	<b>Dementia/Alzheimer's</b> <ul style="list-style-type: none"> <li>Confusion/Forgetfulness to toilet</li> <li>Poor toileting habits</li> <li>Incontinent</li> </ul>
<input type="checkbox"/>	<b>Residents with Chronic Conditions</b> <ul style="list-style-type: none"> <li>Diabetes</li> <li>Heart disease</li> <li>Kidney disease</li> <li>Those with immune system changes (difficulty in fighting off infections)</li> </ul>
<input type="checkbox"/>	<b>Poor Fluid Intake</b> <ul style="list-style-type: none"> <li>Dehydration</li> </ul>
<input type="checkbox"/>	<b>Mobility Issues</b> <ul style="list-style-type: none"> <li>Decreased mobility/Functional impairment may result in incomplete bladder emptying</li> </ul>

Centers for Disease Control and Prevention (CDC). UTI. October 6, 2021. Available at: [www.cdc.gov/antibiotic-use/uti.html](http://www.cdc.gov/antibiotic-use/uti.html)

Minnesota Department of Health. Educational module for nurses in LTCF: Urinary tract infections and asymptomatic bacteriuria. December 2014. Available at: [www.health.state.mn.us/diseases/antibioticresistance/hcp/asp/ltc/modprintnauti.pdf](http://www.health.state.mn.us/diseases/antibioticresistance/hcp/asp/ltc/modprintnauti.pdf).

National Healthcare Safety Network. Healthcare-associated infection surveillance protocol for UTI events for long-term care facilities. January 2023. Available at: [www.cdc.gov/nhsn/pdfs/ltc/lcf-uti-protocol-current.pdf](http://www.cdc.gov/nhsn/pdfs/ltc/lcf-uti-protocol-current.pdf).