# Urinary Tract Infection RISK FACTORS

### Age

Aging disrupts a resident's immunity because their is a decrease in inflammatory response and T-cell function.

# **Estrogen Levels**

Lower estrogen levels decrease the amount of protective bacteria in the vagina.

Physiologic Changes

### Prostate Hypertrophy

Increased size of the prostate causes chronic inflammation resulting in calculi that retain bacteria.

# Advancement of Comorbidities

#### **Medications**

Steroids, chemotherapy, and other medication that decrease the immune response can result in symptomatic UTIs.

### **Advancing Illness**

Cancer, diabetes,
Parkinson's disease, and
dementia can suppress the
immune system or cause
physical changes to the
urinary tract.

# Bowel/Bladder Dysfunction

Incontinence, indwelling urinary catheters, & vaginal prolapse can allow bacteria to enter the sterile urinary tract.