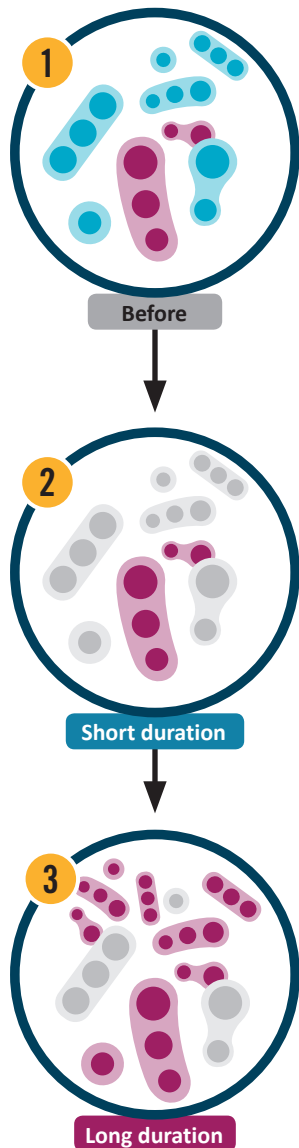


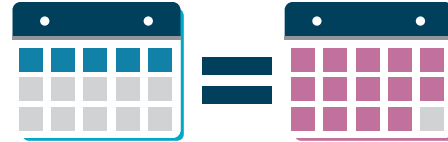
Reducing duration of antibiotic therapy in long-term care

Antibiotic use drives selective pressure

Selective pressure kills **susceptible bacteria** and allows **resistant organisms** to thrive and multiply.

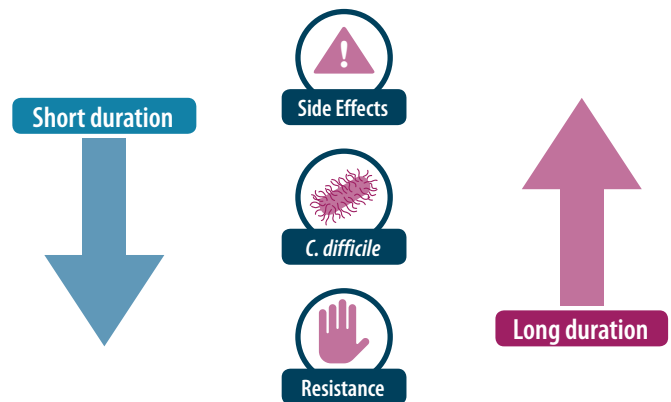


Shorter courses are as effective as longer courses



Based on studies in hospitalized and outpatients for common infections seen in long-term care: urinary tract infection, pneumonia, and cellulitis.

Shorter courses have a lower risk of harm



Shorter courses are also associated with a lower risk of antibiotic associated harms, like side effects or *C.difficile*.