



www.mnreducinghais.org

2019 CHAIN Award for Excellence Winning Nominations

Mayo Clinic Health System – Lake City Care Center was recognized for its Antibiotic Stewardship Program.

In January 2018, Antibiotic Stewardship Committee identified a need for improvement in facility-acquired *Clostridioides difficile* infection (CDI).

The committee implemented specific changes in four areas. Probiotic use was standardized for all residents receiving antibiotics. To ensure all residents could receive the probiotic and for consistency of insurance coverage for residents, the probiotic was changed to a stock medication.

The committee developed a cleaning checklist for CDI. The cleaning checklist included daily cleaning of high-touch room surfaces such as resident beds, bathrooms, sinks, doorknobs, light switches, and call lights.

The committee also developed an antibiotic time out checklist, which followed the “situation, background, assessment, recommendation” (SBAR) format. Nurses completed the checklist within 72 hours of an antibiotic start for the primary physician to review. The SBAR collected information about the antibiotic order, diagnostic results, signs, and symptoms of illness and any red flags such as antibiotic duration greater than seven days and lack of culture results; it served as a second check to ensure the residents were prescribed antibiotics appropriately.

Antibiotic stewardship education was provided by the infection preventionist at quarterly resident councils and was included in care conferences with residents and families. Staff also received antibiotic stewardship education.

Six months following the implementation of CDI prevention strategies, facility-acquired CDI decreased by 80 percent.

Park Nicollet Methodist Hospital was recognized for its Partners Promoting Patient Hand Hygiene project.

Through a partnership formed by the hospital’s infection prevention, quality improvement, and nutrition and food service (NFS) departments using the “Plan, Do, Study, Act” cycle, a sustainable process was implemented for incorporating patient hand hygiene before meals into the *Clostridioides difficile* infection prevention bundle. Although patient hand hygiene had been a nursing responsibility in the facility, the team learned that NFS aides played a crucial role in promoting patient hand hygiene by being present at the point of meal delivery.

Beginning in January 2019, NFS aides delivered hand wipes to patients with meals, explained the importance of hand hygiene, and assisted with opening wipes as needed. NFS developed scripting: “Please use this wipe to clean your hands before you eat to protect yourself from germs.”

Observational data showed that at one month and six months following implementation, NFS aides provided hand wipes and instructions for hand wipe use during 100 percent of tray deliveries. Patients were observed to use hand wipes 61 percent of the time at one month and 64 percent at six months. NFS aides and patients provided positive feedback on this process.