

## **A national implementation project to prevent catheter-associated urinary tract infection in nursing home residents.**

December 21, 2017

Mody L, Greene T, Meddings J, et al. A National Implementation Project to Prevent Catheter-Associated Urinary Tract Infection in Nursing Home Residents. *JAMA Intern Med.* 2017;177(8):1154-1162.

doi:10.1001/jamainternmed.2017.1689.

<https://psnet.ahrq.gov/issue/national-implementation-project-prevent-catheter-associated-urinary-tract-infection-nursing>

---

[Catheter-associated urinary tract infections](#) are considered preventable [never events](#). This pre–post implementation project conducted in long-term care facilities employed a multimodal intervention, similar to the [Keystone ICU project](#). This [sociotechnical approach](#) included [checklists](#), care team education, [leadership engagement](#), communication interventions, and [patient and family engagement](#). The project was conducted over a 2-year period across 48 states. In adjusted analyses, this effort led to a significant decrease in catheter-associated urinary tract infections, despite no change in catheter utilization, suggesting that needed use of catheters became safer. A related editorial declares this project "a triumph" for AHRQ's Safety Program for Long-term Care.