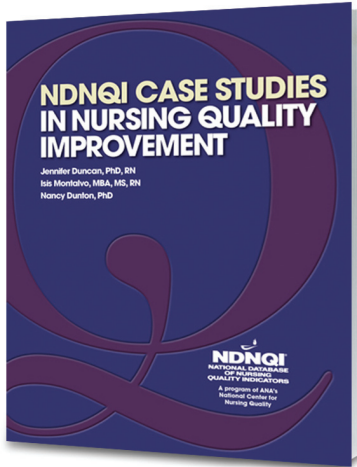


American Nurses Association's National Database of Nursing Quality Indicators® Profiles in Nursing Quality Improvement



VITAL STATS:

Hospital: Medical Center of the Rockies

Location: Loveland, CO

Category: Non-Teaching, Community Hospital

Staffed Beds: 112

Joined NDNQI®: 2007

Magnet® Designation: 2010



THE PROBLEM:

Catheter-associated urinary tract infections (CAUTI). The CAUTI rate on the Surgical Intensive Care Unit (SICU) was above the NDNQI mean for three consecutive quarters (2007-08). Potential payment reduction by CMS of \$676 per patient for health care-associated CAUTI.

- Initiated use of silver-coated catheters.
- Improved process for documenting presence of urinary infection on initial admission assessment.

PATIENT OUTCOMES:

CAUTIs were eliminated for five consecutive quarters. Most urinary catheters are removed by hospital day 3.

NDNQI NURSING-SENSITIVE INDICATOR:

Catheter-associated urinary tract infections

ACTIONS:

- Established a Plan-Do-Check-Act (PDCA) team to investigate causes of CAUTIs and implement evidence-based practice changes.
- Added a review, as part of standard practice, to daily rounds of interprofessional health care team to determine the necessity of continued catheter use, based on evidence showing that removal of the catheter as early as possible is effective in CAUTI prevention.

This Medical Center of the Rockies case study is one of 11 featured in full detail in ANA's new publication, *NDNQI Case Studies in Nursing Quality Improvement*. For more information about this publication, visit <http://www.nursesbooks.org>.


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American Nurses Association

8515 Georgia Avenue, Suite 400, Silver Spring, MD 20910

www.NursingWorld.org

Media Contact: Adam Sachs, 301-628-5034/adam.sachs@ana.org

The National Database of Nursing Quality Indicators® (NDNQI®) mission is to aid the registered nurse in patient safety and quality improvement efforts by providing research-based national comparative data on nursing care and the relationship to patient outcomes. NDNQI is the only national, nursing quality measurement program providing hospitals with comparative data at state, regional, and national levels. NDNQI is a program of the American Nurses Association's National Center for Nursing Quality®.