



مؤسسة حمد الطبية
Hamad Medical Corporation

HEALTH • EDUCATION • RESEARCH صحة • تعليم • بحوث

Title of Project: Home Health Care medical staff intervention to reduce the risk of catheter-associated urinary tract infection (CAUTI), Staff education, Monitoring, and Catheter Care Techniques for elderly

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Background: The prevalence of UTI is 23% in 2012; of which 53% are Foley's catheter related(last 10 months data from medical records); CAUTI is one of the most common infections increasing Morbidity among Home health care patients.

Aim: Short term : Reducing Foley's CAUTI in elderly patients from 53% to 43% in home care by the end of June 2013 (10 % from current ratio)

Long term : To reduce Foley's CAUTI in elderly patients to less than 1% by end of 2014

Method: The Hamad Medical Corporation Centers for health care services has enacted a Quality project that have focused considerable attention on the optimal use of indwelling catheters in the long-term care settings;the methods include cause effect analysis,

Results: During Pre-intervention period, the rate of infection was 53.2% (25 patients with uti/47patients on Foleys catheter) which has been reduced to 14.9% (7 patients with UTI/47 patients on Foleys catheter) in the post implementation period. Therefore, a significant reduction (38%) has been observed in the infection rate after implementation of the CAUTI prevention program

Discussion/Conclusion: Foleys Catheter associated urinary tract infection rates reduced significantly from 53% to 15%;exceeding goal of 10% from current. More time is needed to assess the continuity of infection rates to reduce less than 1 % as our goal and its effectiveness in the rest of Home care patients. Staff education & improving documentation and continuity of care also influenced this process of CAUTI prvention program

Sustainability:

1. Adding all home care patients with Foleys catheter to this program by end of 2014
2. Getting formal approval of “CAUTI care Sticker” by medical record.
3. Extend this program to SNF & HGH geriatric in patients.

References: National Center for Health Statistics, Centers for Disease Control and Prevention, U.S. Dept. of Health and Human Services, September 2004. Series 13, No.157. Hyattsville,MD.

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CAUTI CARE BUNDLE



“ACCELERATING OUR BEST CARE JOURNEY IN DECREASING CAUTI”

Patient Details:

SPECIFIC VARIABLES	COMMENTS
DATE OF CATHETER INSERTION	
INDICATION FOR FOLEYS CATHELTER	
DATE OF CATHETER REMOVAL	

Infection rates

