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Engagement of nursing teams to reduce the incidence of urinary tract infection related to late bladder catheter in inpatients

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Urinary tract infection (UTI) associated with bladder catheterization is one of the infections related to health care with a high financial impact (mean therapeutic expenditure of US $1.6 billion per year), high rate of hospitalization and elevated morbidity and mortality. Interventions are needed to reduce UTI rates associated with urinary catheters advocate strategies for prevention and reduction of UTI, trained staff to perform bladder catheterization technique, and resolute approaches in team engagement in the adoption of protocols for prevention of urinary tract infection. The study was carried out in the hospitalization units of a private hospital accredited by the Joint Commission Accreditation Health Care Certification (JCAHO), in 2017 with the analysis of indicators that aid in the measurement of changes. It is a quantitative approach to care indicators of bedside care and staff engagement strategies. The number of UTI was reduced to zero in the last quarter of 2017, surpassing the national benchmark (National Database of Nursing Quality Indicators) of 1.32%. The training of professionals as well as awareness was a fundamental starting point for a sustained practice with positive results through the formation of a work team to disseminate, implement the strategies of infection control and stimulate adherence to the protocols. Other implemented strategies such as the use of ultrasound to assess urinary retention for the correct indication of catheterization; training with differentiated methodologies provided an effective result for UTI's safety and control.

Biography

Natascha Gonçalves Francisco Palmeira holds a Nursing and Obstetrics degree from Catholic University of Santos (2006) and Post-graduate degree in Medical-Surgical Clinic from UNIFESP (2009). She is currently a PhD student in Cardiology at UNIFESP and has presented papers in congresses and has three scientific publications. In addition, she has experience in collective health area with emphasis on geoprocessing in leprosy. She is a Clinical Senior Nurse at Hospital Israelita Albert Einstein responsible for Medical Clinic Units with scientific projects development concerning patient's discharge, care indicators and nursing team's development.

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