

UTI Quality Improvement Paper

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Quality Improvement Paper

Introduction

Quality Improvement as an overall concept

- Quality improvement is a framework that is used to strategically and systematically to standardized process to improve clinical or medical care. The purpose of quality improve is to achieve predicted results, reduce medical errors, reduce variation, and improve health outcomes (Backhouse & Ogunlayi, 2020). The selected article aims to improve the clinical approaches the clinocal approaches to perform diagnostic tests.

Quality Improvement to the QSEN Competency of Quality Improvement

- Quality improvement is the 4th QSEN competency which involves the implementation of evidence-based practices to evaluate patient outcomes, as well as, to design and developed changes in overall healthcare delivery model. Skills, attitude, and knowledge needed for QSEN competency oversight, data collection and manipulation, patient care, as well as critical thinking skills, ability to make well-informed decisions, etc. (Altmiller & Hopkins-Pepe, 2019).

Impact nursing practice topic selected

- Improve the clinical approaches used by primary care practitioners and residents for uncomplicated urinary tract infections in terms of diagnostic tests, antibiotic selection, and quality improvement activities.

Significance

- To draw attention to the possibilities for improving how residents and nurses who work in healthcare handle patients with urinary tract infections.

Article Summary

Introduction

- The study's goals are to comprehend how residents and primary care doctors address UTIs clinically and to identify potential for future antibiotic stewardship programs based on the kind of provider (Pinkerton et al., 2020).
- It allows nurses to better manage the patients with UTIs in terms of diagnostic testing, antibiotic selection.

Overview:

- It allows nurses to implement the evidence-based practices and quality improvement interventions in the management of UTIs
- According to QSEN competency requirements, this article aims to reduce patient risk of injury and can assist in raising knowledge among nurses and residents regarding the treatment of UTIs.

Quality Improvement:

- The quality improvement effort can be implemented in in-patient care setting. The resource required will be equipment for diagnosis, as well as, medications such as antibiotics.
- The change can help in enhancing knowledge of nurses, avoid medical errors, hence, reducing financial impacts, and improving patient health outcomes.

Application to Nursing

Practice

- Currently used procedures include evaluating the symptoms and giving antibiotics, encouraging the patient to urinate often and to consume acidic drinks to prevent the replication or reproduction of bacteria.

Education

- Educating the patient on how to properly wipe and how to take prescribed medicines is part of managing UTIs.

Research

- Future prioritizes involves community health education programs for the better prevention and management of UTIs.

Conclusion

Review the purpose of Quality Improvement to the QSEN Competency

- The article fulfills all the requirements of QSEN Competency of Quality Improvement since it involves the implementation of evidence-based practice, involves providing patient-centered care, critical evaluation of data, teamwork, and collaboration.

Summarize the nursing-specific impact

- It suggests that in order to enhance antibiotic prescription and diagnostic testing, multimodal nursing interventions that comprise provider education, the synthesis of recommendations, and practical clinical decision support tools are required; best measures to enhance UTI management.

Significance

- UTIs management is important because, if ignored, the infection might become severe and lead to irreversible kidney damage if it spreads to the kidneys.

References

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