

Assessing knowledge and attitudes of nursing staff regarding congestive heart failure medication regimens and impact on patient understanding post-discharge

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Introduction	Outcomes	Methods
<p>Patients diagnosed with congestive heart failure (CHF) are taking several complex medications, without fully understanding the role of those medications in improving their disease state and preventing hospitalization.</p>	<p>Primary outcome: Percent of nurses that can accurately identify all medications that improve mortality in systolic heart failure with reduced ejection fraction.</p> <p>Secondary outcome: Percent of patients 1-2 weeks post-discharge that can accurately identify at least 3 of the 6 medications in the knowledge survey that improve mortality in systolic heart failure with reduced ejection fraction.</p> <p>Other outcomes include percentage of patients who answer CHF medication questions correctly, and patient perceptions of care</p>	<p>An IRB-approved observational study involving a retrospective review of medical records and concurrent review of voluntary surveys.</p> <p>Nursing staff will be anonymously surveyed about congestive heart failure medication regimens and attitudes towards medication education.</p> <p>Patients admitted with a diagnosis of congestive heart failure will be peri-prospectively identified via a report generated by the electronic medical record for a 3 month period. Patients and/or caregivers will be contacted 1-2 weeks post-discharge for a patient-specific knowledge and attitudes assessment.</p>
<p>Background</p> <p>A previous study conducted at the institution in 2018 found that 68% of patients who were readmitted did not understand their disease state, and 52% of patients did not understand the medications they were prescribed.</p> <p>By providing education to patients and including nurses in the education, patients may be more aware of their regimen and be able to prevent the worsening of their disease state.</p>	<div style="display: flex; justify-content: space-around;"> <div data-bbox="741 815 1082 1415" style="background-color: #1a3d4d; color: white; padding: 10px;"> <p>Knowledge Survey: if nursing and patients can identify</p> <ul style="list-style-type: none"> • Medications that reduce mortality • Appropriate counseling points • Common side effects • Mechanism of a drug class • Drug class </div> <div data-bbox="1082 815 1439 1415" style="background-color: #4a7ebb; color: white; padding: 10px;"> <p>Attitudes about Medication Education: if nursing felt</p> <ul style="list-style-type: none"> • There was value added to patient care with medication education • Confident in their ability to educate patients regarding new medications • Aware of resources to help medication education for patients </div> <div data-bbox="1439 815 1803 1415" style="background-color: #6699cc; color: white; padding: 10px;"> <p>Perception of Medication Education Survey: if patients/caregivers felt</p> <ul style="list-style-type: none"> • Adequate education was provided regarding medication • Informed regarding medication regimen changes </div> </div>	<p>References</p> <p>Shah D, Simms K, Barksdale D, Wu J. "Improving medication adherence of patients with chronic heart failure: challenges and solutions. Research Reports in Clinical Cardiology. 2015; 6 87-95. DOI: 10.2147/RRCC.550658.</p> <p>Vellone E, De Maria M, Iovino P, et al. The Self-Care of Heart Failure Index version 7.2: Further psychometric testing. Res Nurs Health. 2020;1-11. https://doi.org/10.1002/nur.22083</p> <p>Bowen JF, Rotz ME, Patterson BJ, Sen S. Nurses' attitudes and behaviors on patient medication education. Pharmacy Practice 2017 Apr-Jun;15(2):930.</p> <p>Srouf K, Campbell, J. Why am I back? Patient's perspective on a 30-day hospital readmission. Poster Presentation at American Society of Health-System Pharmacists (ASHP) Dec 2018; Anaheim, CA</p>
<p>Disclosures</p> <p>The authors have no financial relationships to disclose.</p>		
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