

# IDENTIFYING BARRIERS TO EFFECTIVE IMPLEMENTATION OF THE CONGESTIVE HEART FAILURE (CHF) POWERPLAN IN A COMMUNITY HOSPITAL



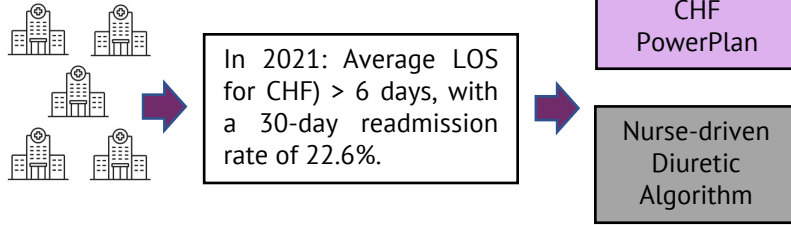
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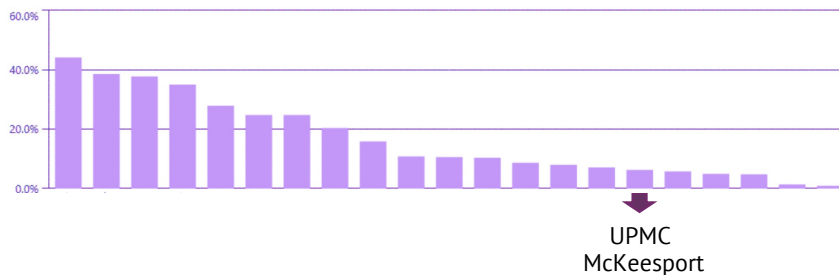
## Introduction:

- CHF is a global health crisis, causing significant morbidity and mortality, often necessitating prolonged hospital admissions.
- Effective diuretic therapy is key to minimizing LOS.

**UPMC**



**Percent Utilization in Heart Failure Patients YTD**



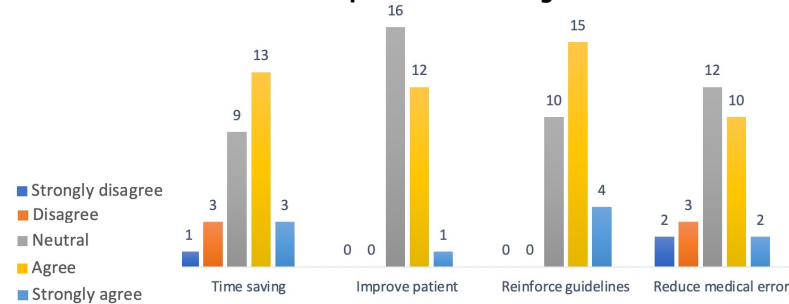
## Methods:

- We designed and distributed a survey through the REDCap platform, to physicians practicing at UPMC McKeesport Hospital (survey contained both structured and free-text responses).
- Descriptive Analysis was applied for structures response.

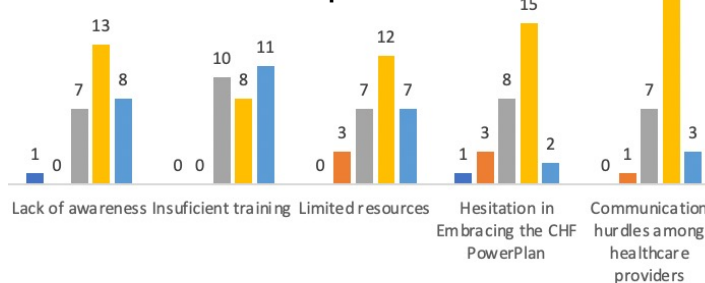
## Results:

- Out of the 43 physicians, (residents and attending physicians,) 29 (67%) completed the survey.
- 16 (55%) physicians have never used the CHF PowerPlan and 13(45%) have used at least 1 time.

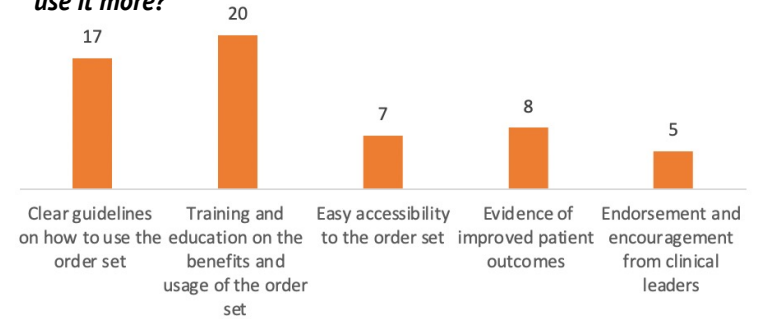
**Perception of Advantages**



**Perception of Barriers**



**To the question: Which of the following would encourage you to use it more?**



## Discussion:

- The survey reflects varying opinions on the CHF PowerPlan's alignment with guidelines and its impact on patient outcomes.
- Communication challenges emerge as a significant barrier, followed by Hesitation in using it.
- There is strong interest among physicians in receiving training on the CHF PowerPlan to overcome barriers.
- We recommend focusing on training adequacy, expanding the survey audience, and creating an engagement plan.

## References:

- Felker GM, et al. Diuretic strategies in acute decompensated heart failure. N Engl J Med. 2011;364(9):797-805.