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Improving Documentation of I&Os in CHF Patients

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BACKGROUND

- Lack of documentation of strict I&O measurements
- Large CHF population on the unit
- Fluid restriction decreases hospital readmissions in CHF patients

PICO

- In inpatient CHF patients with fluid restrictions, does the implementation of a nurse driven CHF bundle, compared to current standards, improve fluid restriction documentation compliance.

P- Nurses and tech partners on RHC

I- Utilizing the nurse bundle to efficiently and accurately document I&O's

C- Current practice

O- Accurate documentation and tracking of intake in CHF patients' charts.

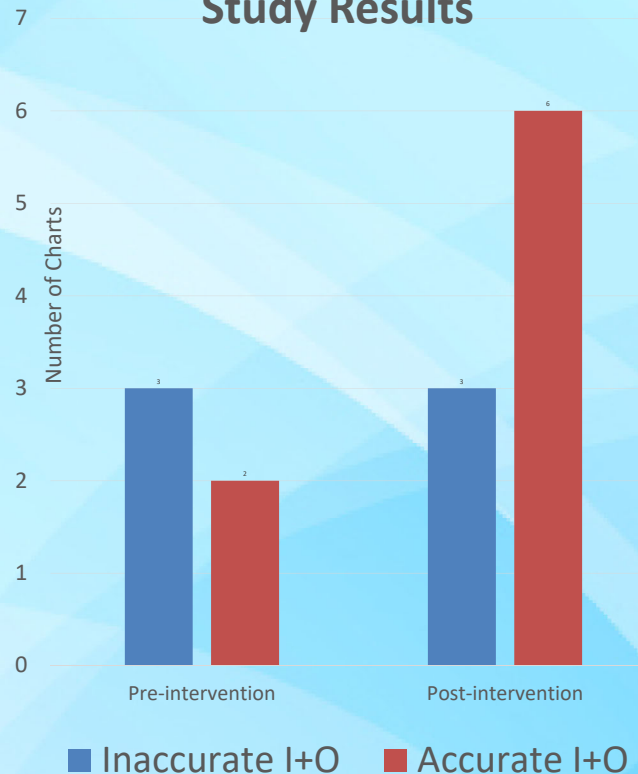
EVIDENCE

- Ongoing education of simplifying documentation of measuring I&Os will increase awareness of fluid balance monitoring and preventing complications in CHF patients.
- Through patient involvement, we can improve the accuracy of I&Os. The engagement of nurses and nurse leaders proves to increase the participation which leads to improved healthcare success.
- The effect of fluid restriction in patients with heart failure decreases the levels of serum creatinine and BNP, preventing fluid overload.
- Fluid management in CHF patients facilitates shorter hospital stays and the frequency of readmissions related to heart failure.

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OUTCOMES

Study Results



The data was collected through a chart review of patients' with a CHF diagnosis. 10 charts were reviewed before the study and 10 charts were reviewed after the implementation of the bundle. Inaccurate charts were charts that did not have any documentation for intake during an 8 hour shift and accurate charts were charts that had recorded intake for the shift.

IMPLEMENTATION

- Process
 - First, expectation for staff to participate was communicated by unit leadership
 - Next, develop a nurse driven bundle with two key items
 - Reference sheet – measurement of each size cup
 - Staff can easily see how many mL are in each cup
 - Tracking sheet – patient is given a sheet to keep track of the drinks they finish during the day
 - Then, encourage staff during huddle to use these tools At the end of each shift the nurse totals the amount drank and charts it in Epic.
- Outcome Indicators
 - Compliance with strict I&O documentation
 - Review the charts of patents with diagnosis of CHF
 - is the percentage of charts with accurate I&O measurements higher after the use of the bundle ?

NEXT STEPS

- To implement a post survey and establish if staff felt the bundle improved there workflow of tracking and documenting I&O's
- Adding a order set in EPIC to add I&O documentation to the daily worklist

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