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# Heart Failure and Depression: Reducing Readmission Rates

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# Heart Failure and Depression: Reducing Readmission Rates



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## Purpose Statement

Reduce heart failure readmissions through implementation of a depression assessment in the acute care setting.

## Synthesis of Evidence

Reviewed over 40 articles

- Patients with major depression were readmitted twice as often as non-depressed patients. Grade A.
- Major depression in hospitalized patients was associated with an increased mortality at 3 months and at 1 year. Grade B.
- There is a strong association between depression and the severity of heart failure. Grade B.
- SCH readmission rate cost is about \$10,697 per readmitted patient.
- PHQ-2 depression screen has high specificity (0.91), has high negative predictive value(0.87) and low sensitivity(0.52). Grade B.

## Team Members

- Angie Lieser RN  
Telemetry Charge Nurse
- Mary Schiminich RN  
Heart Failure Specialist
- Ryan Zinken RN  
Behavioral Health Case Manager
- Daren Hendrickson RN  
Behavioral Health Case Manager

## EBP Practice Change

- MD will order Heart Failure order set.

Other Nursing Orders (Through next 24h)

Start

11/04/14 1646 [Nursing to administer the PHQ-2 depression screening tool.](#) [139410101] FYI [Complete](#) [Discontinue](#)

Order Set: Adult Admission Orders (23)

- The Patient Health Questionnaire-2(PHQ-2) will automatically populate on the Physical Assessment flow

PHQ-2 Depression Screening. Over the last 2 weeks, how often have you been bothered by any of the following problems? \*Complete once during admission\*

Little interest or pleasure in doing	2			
Feeling down, depressed or	2			
Total PHQ-2 Score	4			

- Depression screen will populate on the Work List

**Complete PHQ 2** Routine Doc Skip

- If positive, a Best Practice Advisory (BPA) will fire for a Behavioral Health Case Manager (BHCM) consult.

BestPractice Advisory - Tele,Adam

Positive PHQ-2 depression screen - Please place a Behavioral Health Case Manager Consult and include reason for consult.

Accept Cancel

- The BHCM will interview the patient and then recommend the best next steps. Follow up with Primary MD, a Psychiatrist consult, Psychology consult etc.

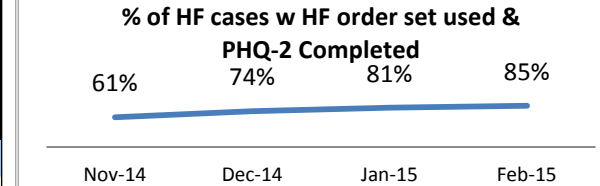
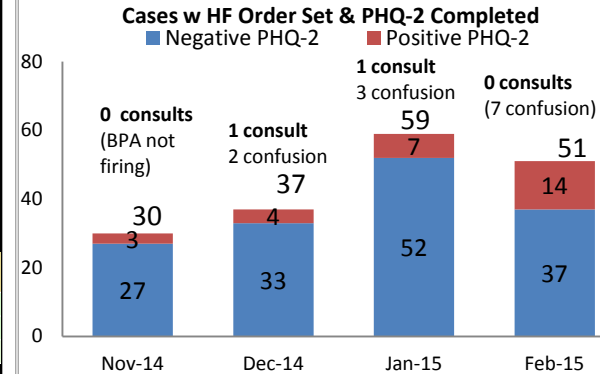
### Follow Up Appointments

Holmgren, Leah A, MD  
Specialty: Internal Medicine

Appointments/Instructions: Heart Failure hospitalization and positive depression screen

- There may be "Depression Screening" in the epic problem list. **Hospital Problem List**  
Depression screen
- ICD-9-CM: V79.0  
ICD-10-CM: Z13.89

## Pre/Post Measures



## References

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