

Low Literacy and Depression?

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Depression and Low Literacy Shared Characteristics

Low Literacy

- Worthlessness
- Shame
- Low self-esteem
- Poor self-efficacy
- External locus of control

Depression

- Worthlessness
- Guilt or shame
- Low self-esteem
- Poor self-efficacy
- External locus of control



The Question

 If depression and low literacy have similar characteristics, can improving literacy skills result in improvement in depression (in people who have both low literacy and depression)?





Which is better for patients who have depression and low literacy? Standard depression treatment OR Standard depression treatment plus

literacy education







Results - Change in Depression Score



Conclusion

 Adding literacy education to depression treatment (for people with both low literacy and depression) may result in better outcomes.



Another Idea

IF...

- Low literacy is a risk factor for depression THEN....
- Is low literacy a risk for postpartum depression?
 AND IF THAT'S TRUE, AND IF
- "Treating" low literacy improves depression
 THEN MAYBE....
- Literacy education can lessen the risk or severity of postpartum depression?





Determine if low literacy is a risk factor for postpartum depression









½ cup
4
Fat Cal 120
%DV
20%
40%
12%
2%
12%
8%

*Percent Daily Values (DV) are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs. **Ingredients**: Cream, Skim Milk, Liquid Sugar, Water, Egg Yolks, Brown Sugar, Milkfat, Peanut Oil, Sugar, Butter, Salt, Carrageenan, Vanilla Extract.

The Newest Vital Sign

Present the nutrition label to patient, and ask 6 questions

Receiver-Operator Characteristics (ROC) Curve for the NVS





Edinburgh Postnatal Depression Scale

Scores range from 0-30

Scores >9 signify >92% chance of postpartum depression

In the past 7 days:

- 1. I have been able to laugh and see the funny side of things
 - As much as I always could
 - Not quite so much now
 - Definitely not so much now
 - Not at all
- 2. I have looked forward with enjoyment to things
 - As much as I ever did
 - Rather less than I used to
 - Definitely less than I used to
 - Hardly at all
- *3. I have blamed myself unnecessarily when things went wrong
 - Yes, most of the time
 - Yes, some of the time
 - Not very often
 - No, never
- 4. I have been anxious or worried for no good reason
 - No, not at all
 - Hardly ever
 - Yes, sometimes
 - Yes, very often
- *5 I have felt scared or panicky for no very good reason
 - Yes, quite a lot
 - Yes, sometimes
 - No, not much
 - No, not at all

- *6. Things have been getting on top of me
 - Yes, most of the time I haven't been able to cope at all
 - Yes, sometimes I haven't been coping as well as usual
 - No, most of the time I have copied quite well
 - No, I have been coping as well as ever
- *7 I have been so unhappy that I have had difficulty sleeping
 - Yes, most of the time
 - Yes, sometimes
 - Not very often
 - No, not at all
- *8 I have felt sad or miserable
 - Yes, most of the time
 - Yes, quite often
 - Not very often
 - No, not at all
- *9 I have been so unhappy that I have been crying
 - Yes, most of the time
 - Yes, quite often
 - Only occasionally
 - No, never
- *10 The thought of harming myself has occurred to me
 - Yes, quite often
 - Sometimes
 - Hardly ever
 - Never







Characteristic	Significant?
Literacy	Yes
Mean Number of Children	Yes
Prior Depression	Borderline
Education	No
Employment	No
Ethnic Group	No
Primary Language	NO <u>©SWCME</u>



- Low literacy appears to be a risk factor for postpartum depression
- May co-vary with number of children
- Implication maybe sending women with low literacy for literacy education during pregnancy will less the risk of postpartum depression??

