Health Literacy and Culturally Diverse Older Adults

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Sigma Theta Tau International
24th International Nursing Research Congress
Prague, Czech Republic
July 22-26, 2013
Objectives

1. Describe the reliability and validity process for a health literacy assessment tool (HELP).

2. Apply the evidence-based process in a health literacy assessment with culturally diverse older adults.

Purpose/Target Audience: The purpose/target audience of this presentation is for health care providers, i.e., nurses who need to assess the health literacy level of older adults being discharged from the hospital. Dissemination of the research findings for an evidence-based project is focused on a health literacy tool in both English and Spanish.
Health Literacy

Definition

Prior research associated with HELP tool (Health Education Level Performance)

Rationale for HELP tool

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- Description of tool
- Rationale for 2 questions vs. 8 questions
- Translation into Spanish

Partnership with Medical Center Hospital System
Better outcomes for culturally diverse older adults

Quantitative, descriptive study

N= 220 (N=55 in each of 4 groups)

Medical/surgical units – older adults

Three individuals collected data

SPSS
Results

✓ Sample:
✓ 60% caregivers, 40% patients
✓ 64.5% Hispanic, 43.1% Anglo, 2% Other
✓ 43.5% Male, 65.5% Female

✓ 82.3% stated that they could read English

✓ Overall Correlation Co-efficient – .699 (strong relationship .6 to .8)
✓ English 2 question tool compared to 8 question tool (N=110) Correlation co-efficient - .65
✓ Spanish 2 question tool compared to 8 question tool (N=110) Correlation co-efficient - .749
✓ Spanish 8 question tool compared to English 8 question tool (N=110) Correlation co-efficient - .989 (very strong relationship .8 to 1.0)
✓ Spanish 2 question tool compared to English 2 question tool (N=110) Correlation co-efficient - .989

✓ Ability to read English impacts validity of the tool
✓ No significance difference – 2 question - .999
✓ Significance different – 8 question - .993
Next Steps

- Avoiding re-admissions
- Next study ???
- Dissemination of results in other venues
Questions