

6th Health Literacy Annual Research Conference
November 3-4, 2014

SPECIAL INTEREST GROUP:

Health Literacy Measurement

Facilitators:

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- Discuss the current state of the science
- Identify progress, gaps, and areas for future research/practice
- Engage in constructive dialogue to explore short, medium, and long term goals
- Develop an achievable and measurable action plan for 2014-2015

Objectives



STATE OF THE SCIENCE

51 unique tools; 11 Short-forms:

-26 general

-15 disease/content

-10 population

- Performance based, in-person administration, pencil/paper testing
- Assess 0 to 9 of 11 dimensions
- Administration <1 to 60 minutes
- Validation procedures limited by inadequate power
- Lack of information on key psychometric properties

In Summary:

To advance measurement: (1) Include full range of dimensions, (2) Establish validity, (3) Provide representative sampling for testing, (4) Provide multi modes of administration.

Health Literacy Measurement: An inventory & descriptive summary of 51 instruments (Haun et al., 2014)

- 93 HL measures identified
- 65 were English language measures
 - 15 measures did not specify the racial/ethnic characteristic of sample
 - Of the remaining 50 measures, 7 did not include any blacks, 29 did not include any Hispanics, and 33 did not include any Asians
 - When Hispanic and Asian Americans were included, they accounted for a small % of overall sample
- 28 were “other” language measures
 - Translations of REALM (n=3) and TOFHLA (n=9)
 - New HL measures in languages other than English (n=16)
- Conclusion:
 - Many existing HL measures have not been properly validated for minority populations. To address this issue researchers/clinicians are translating and developing new ones. Can there be a better way?

State of the science of HL measures: Implications for minority populations (Nguyen et al., unpublished)

National Library of Medicine: Health Literacy Inventory

Progress



GAPS & AREAS FOR FUTURE RESEARCH

There are growing numbers of HL measures, however:

- Most HL measures capture narrow set of dimensions
- Most HL measures lack strong psychometric properties
- Most HL measures are not well validated for minority populations

Recommendations for advancing HL measurement
(McCormack et al., 2013)

Gaps & concerns

- Build a HL PROMIS item bank
- Others ideas?

**Future research/practice:
Long-term goals**

- Discuss ideas...

**Future research/practice:
Medium-term goals**

- Benchmark HARC Measurement Interest Group activities to date
- Create working groups/ list-serve/network?
- Other ideas...

**Future research/practice:
Short-term goals**



2014-2015 ACTION PLAN



Priority goals:

Measureable outcome:

Participants:

1.

2.

3.

Thank you!
