USING TECHNOLOGY TO ACHIEVE INTERNATIONAL INTER-RATER RELIABILTIY

Jill E. Timm, JD, RN, PHN[1] Emily A. Robb, BA, RN, PHN[1] FNE Amy L. Lytton, MS, RN[2] Karen A. Monsen, PhD, RN[3] J. Kay Poulsen, MBA (dist), BA, Dip Sec Tchg[4]

[1]Washington County Public Health and Environment, Forest Lake, MN, USA [2]Saint Paul–Ramsey County Department of Public Health, Saint Paul, MN, USA [3]University Of Minnesota School of Nursing, Minneapolis, MN, USA;
[4]Help4U Ltd, Christchurch, New Zealand

History of Rating Guide Supplement

The Minnesota Omaha System Users Group began efforts to support inter-rater reliability in knowledge, behavior, and status documentation in 2001, by developing a supplemental KBS rating guide.

Approximately every two years, the guide has been updated using a clinical expert consensus approach in a day-long face to face meeting.

Development Principles

- Start with and refer back to the examples for KBS ratings from the Omaha System (Martin, 2005).
- Strive for consistency in language with the Omaha System definitions.
- Strive for consistency in language across problems.

Participant Locations

Netherlands
New Zealand
United States

Arizona
California
Maine
Massachusetts
Minnesota
North Carolina
Oregon
Washington
Wisconsin

Goal

To leverage our collective wisdom to improve the guide, in order to improve documentation quality and outcomes of care for the people we serve.

2010 Process

In 2010, the MOSUG committee decided to use crowdsourcing and other internet-based methods to gain consensus of all interested participants.

Extensive time and effort was contributed by Omaha System users throughout the United States and the global Omaha System community. CareFacts contributed webinar technology for this project.
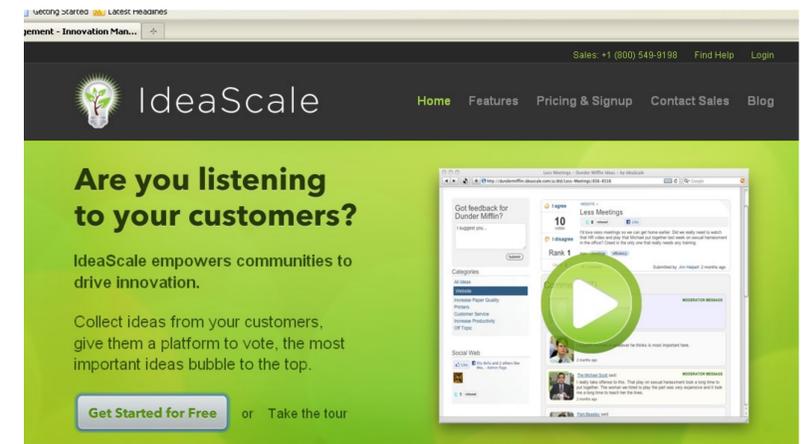
1. Invite participants by e-mail
   - Omaha System List Serv
   - Omaha System Users Group List

2. Post ideas for changes (by problem) in the IdeaScale Omaha System page

3. Invite participants to vote for proposed changes

4. Participate in webinar meetings
   - Allows live interactive updating process
   - Everyone can contribute to content
   - consensus-based decision making

5. Invite public comment on the revised guide

6. Face to face and webinar meeting to adopt the guide as an international inter-rater reliability tool

Disseminate

Published on-line (see omahasystemmn.org)

Crowdsourcing

Crowdsourcing is a neologistic compound of Crowd and Outsourcing for the act of taking tasks traditionally performed by an employee or contractor, and outsourcing them to a group of people or community, through an "open call" to a large group of people (a crowd) asking for contributions.

Achievements

- **Over 200 participants**
- **International representation**
- **Increased confidence in quality of practice-generated data for use in program evaluation & research**
- **Guide available on-line**
- **Suggestions for future improvements**

References:
Crowdsourcing: Why the power of the crowd is driving the future of business. Retrieved from: http://crowdsourcing.typepad.com/ ; Martin, K. S. (2005). Omaha System: A Key to Practice, Documentation, and Information Management. 2nd Ed. St. Louis,