



## ISWP Evidence-based Practice Working Group Data Collection Subcommittee

### September 21st, 2017 Meeting Recap

The ISWP Evidence-based Practice Working Group Data Collection Subcommittee met by conference call on Thursday, September 21st, 2017 from 10:00 a.m. to 11:00 a.m. U.S. Eastern Time. This provides a recap.

**Link to Meeting Recording:** <https://iswp.adobeconnect.com/pbs4arbh1hzi/>

**Next Meeting:** The subcommittee is now merged with the Evidence-based Practice Working Group; the next meeting is scheduled for Thursday, December 7th, 2017 at 9:00 am U.S. Eastern Time

**Discussion** (action items in bold/underline)

#### **1. Minimum Uniform Data Set Update**

##### ***a. Secondary and primary school pilots, May 2017, Kenya***

Karen Rispin piloted the short questionnaire version (25 questions) with primary (n=31) and secondary (n=64) school children in Kenya in May 2017. A volunteer administered the questionnaire with the primary students; data was loaded into an Excel worksheet ISWP created to accompany the questionnaire. The volunteer also provided suggested questionnaire changes, including: Remove 'Other' and 'Comments' from all questions, simply Q18, and reduce number of responses for Q24, Q25.

For the secondary student group, students completed the paper questionnaire themselves. Volunteers were present to help students understand the meaning



of questions and responded to confusion about the format for answers. Each volunteer had a list with the questions numbers and placed a check mark next to the question whenever a student had difficulty understanding. Volunteers did not help students complete the questionnaire. University of Pittsburgh IRB approved LeTourneau providing the data to Pitt. The delay in reviewing the feedback was, because Karen suggested that we wait until ISWP received IRB approval before starting the review process.

Additional information about the group of secondary students who completed the questionnaire short version:

- 64 students attempted the questionnaire of which 36 were male, 25 female, 1 transgender and 2 no response.
- Average/median age was 17, and the range was 14-22.
- All students were all well versed in English (requirement to attend school).
- Average time to complete the questionnaire was 30 minutes; median was 31 minutes; and range was 15-45 minutes.

Most frequently mentioned difficult questions are as follows:

Question Number/Description	Number of Times Mentioned as Difficult
Q5. Service provider name	32
Q17. Mobility aids used (5-part question)	30
Q17a. Which mobility aids do you currently use?	27
Q2. Client town	19
Q6. Service provider location	16
Q8. Purpose of visit	16



Q2. Client ID	16
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Karen mentioned several students asked where they should answer the question in Number 17 (matrix format). Difficulty noted for Q17a was related to sub-question meaning.

Regarding Q3, Client Town, Karen Rispin explained the term “town” likely was unfamiliar to the students and suggested asking the participant to indicate both current location and home location either by adding fields for each or asking two separate questions: Where are you living now? Where is your home? Padmaja Kankipati said it basically depends on the setting of collecting the data. It is important for service providers to know because they want to know where they clients are located to reach out to them.

Regarding Q22, “Where do you currently use your wheelchair,” Transportation is one option. Maria Toro suggested consulting the Functiona

For Q22, ‘Where do you currently use your wheelchair?’, “transportation” is one option. Tricia Karg suggested we either reword the question or have a separate question regarding transportation . Maria Toro mentioned the FMA (Funtional Moibility Assessment) has one particular question or request to rate agreement whether the wheelchair user’s current means of mobility satisfies his/her transportation needs. **Nancy Augustine** to consult the FMA.

The MUD long version questionnaire is being used in UCP Wheels for Humanity’s Wheelchair User’s Voice Project funded by Google.org. The study is currently being piloted in Indonesia; interviewers are collecting data through tablets which uses the kobotoolbox software. They will also collect data in Nicargaua early next year. **ISWP team** to find out who is filling the questionnaire in Indonesia, whether it’s the end user or service providers or a collaborative approach.



Subcommittee members agreed to incorporate the Wheelchair User’s Voice project feedback before issuing a revised questionnaire. Padmaja will also help in collecting data through her clinic. Mark Harniss has requested his colleague review the questionnaire and tools, too.

**ISWP Team** to share the latest version of the MUD package with the group along with the recap.

***b. Open data kit***

ISWP narrowed the options to Kobotoolbox and Commcare. ISWP staff loaded the questionnaires into the platforms with relative ease. Both seem easy to administer, although it will be important to pilot with a small group.

Kobotoolbox, which is free for humanitarian organisations, is being used in the Google Wheelchair User’s Voice Project. Commcare has the feature of sharing deidentified data with ISWP, but there is a subscription associated with it. Subcommittee members suggested waiting for feedback from the Google’s Wheelchair User’s project before deciding on a platform. All ISWP members will have access to the platform and the paper questionnaire/tools if they prefer.

***c. Paper on establishing MUD***

Dr. Pearlman suggested the group should start thinking about publishing a paper on the data set development in a peer reviewed journal. **Subcommittee members** to let ISWP staff know of their interest in leading the paper or participating in any way.



## 2. Data Collection Update

Norah Keitany, Skillpark, provided an overview of the data collection report for Kenya during the last Subcommittee call. ISWP also received country data from the wheelchair needs assessment component of the ISWP affiliate project in Romania and Philippines. ISWP internal team is currently reviewing it and developing an approach to share with ISWP members through the ISWP website.

### Participants:

- ✓ Deepan Kamaraj, University of Pittsburgh
- ✓ Maria Toro Hernandez, Universidad CES
- Chandra Whestine, World Vision
- ✓ Padmaja Kankipati, SMOI
- Kristi Haycock, LDS Charities
- ✓ Karen Rispin, LeTourneau University
- Karen Reyes, UCP Wheels for Humanity
- Eric Wunderlich, LDS Charities (co-chair)
- Mark Harniss, University of Washington
- ✓ Tricia Karg, University of Pittsburgh
- Jon Pearlman, University of Pittsburgh
- ✓ Nancy Augustine, University of Pittsburgh
- ✓ Krithika Kandavel, University of Pittsburgh

Prepared by: Krithika Kandavel and Nancy Augustine