

ISWP Standards Working Group

August 25, 2015 Meeting Recap

The ISWP Standards Working Group met by conference call on Tuesday, August 25, 2015 from 12:00 p.m. to 1:00 p.m. U.S. Eastern Time. This document provides objectives, action items and a recap.

Objectives

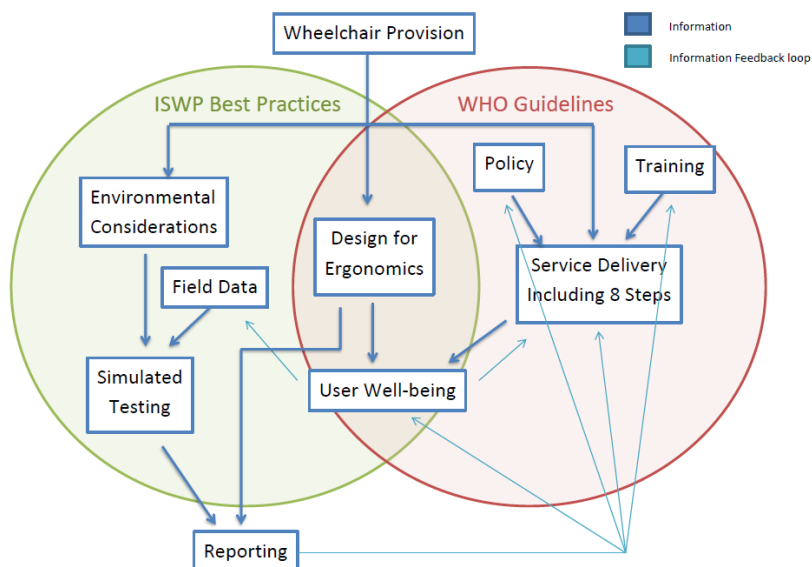
1. Discuss the progress done by the working group and address concerns.
2. Finalize dates for Pittsburgh in-person meeting.
3. Develop agenda for the in-person meeting.

Action Items

1. Develop a scope and framework for design guidelines/best practices
2. Draft next revision of the caster test.
3. Suggest items to add to the agenda for in-person meeting in Pittsburgh.
4. Review Dan's flowchart and provide recommendations.

Discussion

1. Dan's flowchart:



Dr Pearlman suggested that WHO Guidelines could be a foundation for the ISWP best practices guidelines. Anand reported simulated testing and field data can be added under a third intersecting circle for standards separately. Everyone agreed that environmental effects on WC should be considered for best practices.

2. Review WG progress and concerns:

- Karen reported breaking parts on funded chairs in LREs cannot be replaced easily and should be an area that ISWP can focus. Dr Pearlman suggested bringing this issue in front on Advisory Board to influence funding decisions.
- Anand - development of best practices and guidelines as an area to work on.
- Eric - Reporting mechanism for test outcomes and design guidelines is an area of concern. What should be reported to donors and manufacturers?
- Need to make sure to characterize environmental conditions (see Dan's flowchart) as part of design guidelines.
- Integrate Standards with EBP minimum data set. Development of WC tools.
- Matt expressed concern over schedule of funding and project deadlines to ensure the projects are complete at right time.

3. Pittsburgh in-person meeting is scheduled for September 24-25.

4. Agenda for in-person meeting:

- The goal is to complete final design on caster test and send out drawings for reviewing at the meeting.
- Basic design and drawings completed on rolling resistance test for review.
- Mark to put together a scope and framework for developing the best practices with assistance from WG members.
 - Dan's flowchart could provide directions for this.
 - Include WC parts for maintenance, environmental considerations, ICF components, reporting methods
 - Limit the scope to design and not therapy or seating.
 - Don't recommend solutions.
 - Address usability and biomechanics?
 - Prepare outline and plan before the meeting.
- Additional test: Discuss the whole chair test development

5. Second funding round

Here is schedule for second round funding proposal requests. Should be helpful for Standards WG when considering additional tests:

<i>ACTIVITY</i>	<i>ROUND 2 2015</i>
ISWP provides WGs plan, including guidelines, proposal form and funding amount available.	Mon., August 24
WGs submit proposals to ISWP.	Fri., September 25
ISWP forwards proposals to Advisory Board.	Mon., September 28
Board reviews proposals and makes funding decisions. ISWP informs WGs.	Week of October 12

- Purchasing the salt fog chamber – Pitt team.
- Purchase items for testing – suggestions from the WG

6. Caster testing:

- Revise drawing for eliminating torsion on the arm, place caster near table supports.
- Add refinements to the parts and assemblies in the drawings.
- Draft the next revision with standard available parts and parts that can be readily fabricated in machine shop at Pitt.

Subgroups (for reference)

- Design Guidelines: Mark Sullivan (interim lead), Daniel Martin, Jon Pearlman, Norman Reese, Chris Rushman, Eric Wunderlich
- Casters: Anand Mhatre (lead), Matt McCambridge, Jon Pearlman, Norman Reese, Don Schoendorfer
- Corrosion: Matt McCambridge, Don Schoendorfer
- Rolling Resistance: Matt McCambridge (lead), Jon Pearlman

Participants

- ✓ Daniel Martin, Shonaquip
- ✓ Matt McCambridge: DEKA (formerly with Whirlwind)
- ✓ Norman Reese, LeTourneau University
- ✓ Karen Rispin, LeTourneau University
- Mark Sullivan, Convoid, Ride Designs and Polus Center (WG Chair)
- Don Schoendorfer, Free Wheelchair Mission
- Karl-Erik Westman, Handicap International
- ✓ Eric Wunderlich, LDS Church
- Chris Rushman, Motivation
- Dave Mahilo, Invacare
- Dr. Rory Cooper, University of Pittsburgh
- ✓ Anand Mhatre, University of Pittsburgh
- ✓ Dr. Jonathan Pearlman, University of Pittsburgh
- ✓ Nancy Augustine, University of Pittsburgh

Prepared by: Anand Mhatre, University of Pittsburgh