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## USAID'S HEALTH EVALUATION AND APPLIED RESEARCH DEVELOPMENT (HEARD) PROJECT

### ISWP Integration Subcommittee Wednesday, October 13, 2021 Meeting Minutes

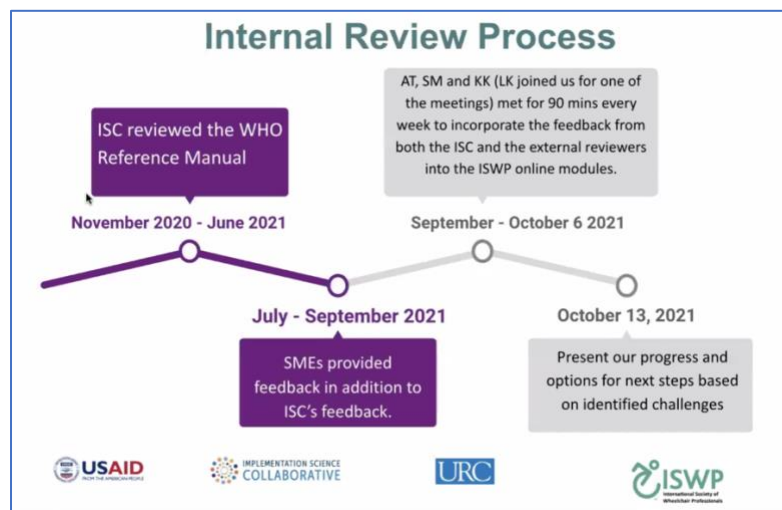
The ISWP Integration Subcommittee met by conference call on Wednesday, October 13, 2021, from 10:00 a.m. to 10:50 a.m. U. S. Eastern Daylight-Saving Time/2:00 p.m. to 2:50 p.m. GMT. This provides the meeting minutes.

**Link to Meeting Recording:** [link](#). Action items with responsibilities are shown in bold/underline.

**Next Meeting:** Wednesday, November 10, 2021, 7:00 a.m. U.S. Eastern Standard Time/12:00 p.m. GMT.

#### Discussion:

1. **Approval of Previous Meeting Minutes:** There were no changes to the September 1, 2021, meeting minutes.
2. **Feedback -- WHO Basic Reference Manual for Participants:** Amira reviewed the status of the WHO Basic Reference Manual review to date and proposed next steps.



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One of the first recommendations from subject matter experts was to reorganize the content. Amira showed a draft of how the content could be reorganized and be presented in a uniform manner. A subgroup, comprised of Amira, Sara Munera Orozco and Krithika Kandavel, started with Steps 7 and 8.

The subject matter experts felt Step 7 should include more information on pressure injuries and transfers; the content for those currently is in other steps.

Rearranging content					
WHO Modules		ISWP online module		New proposal	Process
	Introduction		Introduction		
A1	Wheelchair users	A1	Wheelchair users	A1	Introduction
A2	Wheelchair services	A2	Wheelchair services	A2	
A3	Wheelchair mobility	A3	Wheelchair mobility	A5	
A4	Sitting upright	A4	Sitting upright	B3*	
A5	Pressure sores	A5	Pressure sores	B1	Step 1
A6	Appropriate wheelchair	A6	Appropriate wheelchair	B2	Step 2
A7	Cushions	A7	Cushions	B3	
A8	Transfers	A8	Transfers	A4	
B1	Referral and appointment	B1	Step 1	B4	
B2	Assessment	B2	Step 2	B5	Step 3
B3	Assessment interview	B3		A6	Step 4
B4	Physical assessment	B4	Step 3	B6	Step 5
B5	Prescription (selection)	B5	Step 4	B7	Step 6
B6	Funding and ordering	B6	Step 5	B9	
B7	Product (wheelchair) preparation	B7	Step 6	A7**	
B8	Cushion fabrication	B8		B10***	Reviewed, Location TBD
B9	Fitting	B9		A5****	
		B10	Step 6	A3	Revision in process
B10	Problem solving			A8	Revision on pause
B11	User training	B11	Step 7	B11	Reviewed
B12	Maintenance and repairs	B12	Step 8	B12	Reviewed
B13	Follow up	B13		B13	Reviewed
B14	Putting it all together	B14	All steps	B10***	Reviewed, Location TBD
				B14	All steps

A subject matter expert also suggested focusing on whether a user could do a skill independently or with assistance and manually, or with mechanical assistance. This led to a subgroup discussion of ensuring the content is presented consistently throughout the manual and identifying additional content, as shown on the following page.

Consistency in structure throughout the course								
Table 1. Transfers (AS)								
Type of Transfer	Independent	Picture	Video	Assisted by a person	Picture	Video	Assisted by technology	Picture
A. Level transfers (eg wheelchair to bed)								
sitting - plant or standing - plant	We have this			With person/people assistance	Wheelchair ground transfer from minute 2:23 until the end		With a transfer board - we have this	
B. Floor to wheelchair							With a lift - we need this	
From ground to wheelchair	We have this		Wheelchair ground transfer					
Table 2. Wheelchair Skills (AS)								
Skill	Independent	Picture	WSP video	Assisted	Picture	WSP video		
Pushing	We have		Rolls forward short distance from second 33 to 34	Need		Rolls forward short distance from minute 3:38 until the end		
Turning	We have		Turning in place	Need		Turns in place from minute 3:53 until the end		
Uphill	We have		Ascends slight incline	Need		Ascends slight incline from second 35 until the end		
Downhill	We have		Descends slight incline	Need		Descends slight incline from second 37 until the end		
Partial wheelie	We have		Did not find it	Need		Did not find it		
Full wheelie	Need		Stationary wheelie	Need		Performs stationary wheelie from second 34 until the end		
Up single curb	Need		Ascends low curb	Need to modify		Ascends low curb from minute 3:53 until the end		
Down single curb	Need		Descends a low curb	Need to modify		Descends a low curb from second 48 until the end		
Up stairs	Need		Ascends stairs	Need to modify		Ascends stairs from minute 3:46 until the end		
Down stairs	Need		Descends stairs	Need to modify		Descends stairs from second 58 until the end		
Table 3. Pressure Relief Techniques (AS)								
Technique	Independent	Picture	Video	Assisted		Video		
Bending forward	We have this			We have this				
Side to side leaning	We have this			We have this				

Amira then presented challenges associated with the project, as shown below:

## Challenges

- Time consuming to review the comments and to incorporate all the feedback - particularly with Covid challenges
- > 80% of the Step 7 content needs to be modified/expanded - including adding new topics (eg: full wheelie).
- Pictures and videos need to be modified throughout the course.
- Terminology needs to be changed throughout the course (eg pressure injury vs pressure sore).
- The modifications needs to be added to three other languages (French, Spanish and Portuguese).
- Lack of resources to modify the Storyline Files (time estimation to implement the reviewed feedback is >200 hours).



The subgroup proposed a three-step process moving forward:



The webinars would be an important online forum to received feedback from the sector.

The subgroup also feels that they (Amira, Krithika, Sara) should meet in person in India to coordinate next steps.

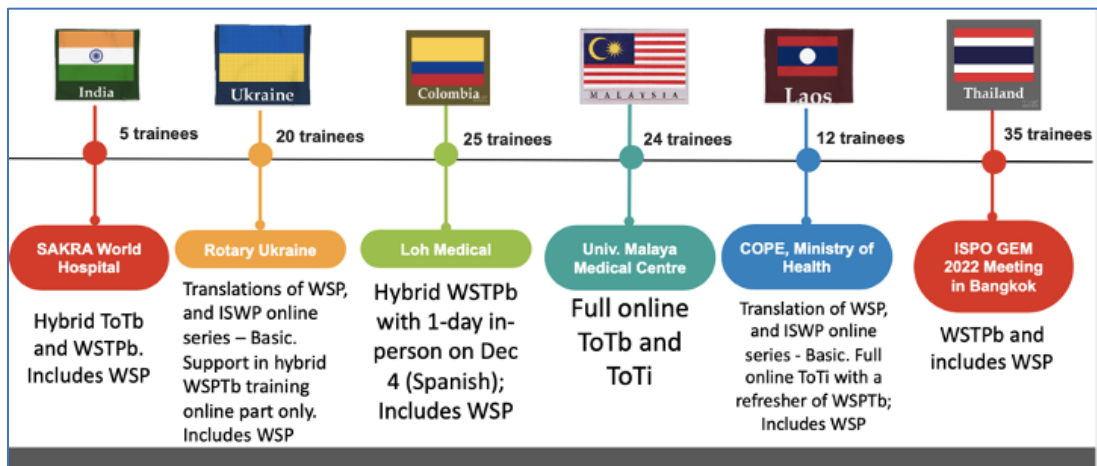
Lee feels reorganizing the content will make it easier for the learner. Regarding moving forward, it would help to teach the course and use the material to determine how well the reorganization and additional content work. There is a lot to be learned by using it.

The group also should consider the development of the global Wheelchair Standards, which is using systematic reviews to inform the content.

Mary and Lee suggested inviting the Wheelchair Standards co-authors, Rachel Cowan and Kylie Shae, to the November 2021 Integration Subcommittee meeting to provide an overview of the Subcommittee's work (perhaps Rachel Cowan since she is based in the U.S.; Kylie is in Australia). **Mary Goldberg** to send the invitation.

3. **Wheelchair Educators' Package:** The internal and external reviews are completed; data is being analyzed, with a report to be ready in early November. The PAR Working Group will review the report during its November call. The next step is to determine pilot sites and begin recruitment; the Pilot Sites Working Group will meet in November.

4. **Academic Training Partners:** The 29<sup>th</sup> meeting was held on Monday, October 11. Krithika presented the Wheelchair Service Provider certification, including how to take advantage of discounts and how to recognize courses. Krithika will be meeting a partner from NHS, UK, about next steps. The next meeting will be in November, when representatives from the Western Australian government rehab center will discuss changes, they made to their rehab training program; date is to be determined.
5. **ISWP Central Update:** A no-cost extension was submitted to URC/USAID through September 30, 2022, to cover completion of the Wheelchair Educators' Package and the global Wheelchair Service Standards. ISWP received funding approval from UNOPS/USAID to support separate entity initiatives and to continue to support current ISWP activities through March 31, 2022. The ISWP Founding Board will be meeting soon to develop of a list of initiatives to be included in a future funding request, which will be prepared by the new entity. ISWP has received requests for training support and WSP Certification from several organizations, including the following:



ISO approved the caster durability standard in September 2021.

6. **Publications:** The paper “Wheelchair Service Provision Content in Professional Rehabilitation Organizations' Standards Documents and Contemporary Initiatives: A Rapid Review” was submitted to *Disability and Rehabilitation: Assistive Technology*.
7. **Conference Submissions:** Abstracts were accepted to OSS (April 5-7, 2022) and WFOT (August 28-31, 2022). These sessions could be opportunities to present the Subcommittee’s recent work on revising the Basic reference manual.
8. **Wheelchair Skills Course:** The original date for the course was October 18, but with COVID restrictions, it was rescheduled and moved online. Registrations are still being accepted up to October 22 ([link](#)). Participants from Canada, U.S., Africa, and Australia have registered to date. **Lee Kirby** to provide information to include in the Hub newsletter.

**Participants** *(check mark indicates participation on call)*

	Sudakhar Govindasamy
	Praveen Khumar, Motivation
√	Lee Kirby, Dalhousie University
	Thais Pousada, Universidad de la Coruña
	Teresa Plummer, Belmont University
	Paula Rushton, University of Montreal
	Padmaja Kankipati, WHO and SMOI
	Samantha Shann, WFOT
√	Amira Tawashy, Dalhousie University (Chair)
√	Mary Goldberg, University of Pittsburgh
√	Sara Munera Orozco, University of Pittsburgh
√	Krithika Kandavel, University of Pittsburgh
√	Nancy Augustine, University of Pittsburgh

Prepared by: Nancy Augustine and Krithika Kandavel

Reviewed by: Amira Tawashy