Supporting Document 1

Tele-healthcare Satisfaction Questionnaire – Wearable Technology (TSQ-WT) adapted to the evaluation of the sit-to-stand assistance system of the smart walker

	mension Statement		0	1	2	3	4
Dimension			Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Benefit	1	I can benefit from this sit-to-stand assistance system.					
	2	The effort of using this sit-to-stand assistance system is worthwhile for me.					
	3	I am confident I'm getting the most out of this sit-to-stand assistance system.					
	4	This sit-to-stand assistance system is helping me to stand up from a chair.					
	5	I would recommend this sit-to-stand assistance system to other people in my situation.					
Usability	1	The use of this sit-to-stand assistance system requires effort. †					
	2	The sit-to-stand assistance system is reliable according to my estimation and experience so far.					
	3	This sit-to-stand assistance system is easy to use.					
	4	I feel safe when using this sit-to-stand assistance system.					
	5	I feel good while using this STS assistance system.					
Self- concept	1	The use of this sit-to-stand assistance system is an interesting challenge for me.					
	2	This sit-to-stand assistance system reminds me of losing my independence.					
	3	The use of this sit-to-stand assistance system is making me feel older than I am. [†]					
	4	I (would) feel embarrassed using this sit- to-stand assistance system visible around others. †					
	5	I like to use technological products or systems like this sit-to-stand assistance system.					
Quality of life	1	Using this sit-to-stand assistance system could improve my physical well-being.					
	2	This sit-to-stand assistance system evokes unpleasant feelings. [†]					
	3	This sit-to-stand assistance system could enhance my social contacts.					
	4	This sit-to-stand assistance system could help me to maintain or increase my independence.					
	5	The use of this sit-to-stand assistance system has a positive effect on me.					

 † These items are scored in reverse order (4 = strongly agree, 3 = agree, 2 = neutral, 1 = disagree, 0 = strongly disagree). *Note*. The original version of the Tele-healthcare Satisfaction Questionnaire – Wearable Technology (TSQ-WT) is available from <a href="https://site.unibo.it/hfrs/en/questionnaires/tsq-wt/tsq-w