

Table S1. Usefulness, Satisfaction and Ease of Use (USE) Questionnaire. Scores on seven-point Likert scales (1 “strongly disagree” to 7 “strongly agree”)

Usefulness
It helps me be more effective
It helps me be more productive
It is useful
It gives me more control over my (therapeutic) activities
It makes the things I want to accomplish easier to get done
It saves me time when I use it
It meets my needs
It does everything I would expect it to do
Ease of Use
It is easy to use
It is simple to use
It is user friendly
It requires the fewest steps possible to accomplish what I want to do with it
It is flexible
Using it is effortless
I can use it without written instructions
I don't notice any inconsistencies as I use it
Both occasional and regular users would like it
I can recover from mistakes quickly and easily
I can use it successfully every time
Ease of Learning
I learned to use it quickly
I easily remember how to use it
It is easy to learn to use it
I quickly became skillful with it
Satisfaction
I am satisfied with it
I would recommend it to a colleague
It is fun to use
It works the way I want it to work
It is wonderful
I feel I need to have it
It is pleasant to use

Table S2. Customized Intrinsic Motivation Inventory (IMI) used in the study. Scores on seven-point Likert scales (1 “not at all true” to 7 “very true”). For an item with an (R) shown after, subtracted the item response from 8, and used the resulting number as the item score.

Interest/Enjoyment
I enjoyed doing this activity very much.
I thought this was a boring activity. (R)
This activity did not hold my attention at all. (R)
I thought this activity was quite enjoyable.
Perceived Competence
I think I am pretty good at this activity.
I am satisfied with my performance at this task.
I was pretty skilled at this activity.
This was an activity that I couldn't do very well. (R)
Effort/Importance
I put a lot of effort into this.
I didn't try very hard to do well at this activity. (R)
It was important to me to do well at this task.
I didn't put much energy into this. (R)
Pressure/Tension
I felt very tense while doing this activity.
I was very relaxed in doing these. (R)
I was anxious while working on this task.
I felt pressured while doing these.
Perceived Choice
I felt like it was not my own choice to do this task. (R)
I felt like I had to do this. (R)
I did this activity because I had no choice. (R)
I did this activity because I wanted to.
Value/Usefulness
I believe this activity could be of some value to me.
I would be willing to do this again because it has some value to me.
I think doing this activity could help me to improve motor function of the affected upper limb.
I think this is an important activity.
Relatedness
I felt really distant to this person. (R)
I felt like I could really trust this person.
I'd like a chance to interact with this person more often.
It is likely that this person and I could become friends if we interacted a lot.