



Research article

Predicting interest to use mobile-device telerehabilitation (mRehab) by baby-boomers with stroke

Marie-Louise Bird^{1,2,*}, Janice J Eng^{1,2} and Brodie M. Sakakibara^{1,2,3}

¹ Research Rehabilitation Program, Vancouver Coastal Health Research Institute, Canada

² Department of Physical Therapy, University of British Columbia, Vancouver, BC, Canada

³ Faculty of Health Sciences, Simon Fraser University, Vancouver, BC Canada

* **Correspondence:** Email: marie-louise.bird@ubc.ca; Tel: +16047144117.

Appendix 1. Interest to receive telerehabilitation questions

Rehabilitation assessments, such as assessing your physical and self-care abilities, may be completed by a therapist using the following technologies. How strongly would you be/have been interested in using the technology for assessments?

Mobile phone: Very interested (1) Somewhat interested (2) Not interested (3)

Tablet (e.g. iPad): Very interested (1) Somewhat interested (2) Not interested (3)

Rehabilitation programs, such as exercise, strengthening, balancing, stretching and flexibility, and on uses of walking aids, may be delivered and monitored by a therapist using the following technologies. How strongly would you be/have been interested in using the technology to receive the rehabilitation program?

Mobile phone: Very interested (1) Somewhat interested (2) Not interested (3)

Tablet (e.g. iPad): Very interested (1) Somewhat interested (2) Not interested (3)

Rehabilitation education, such as on how your stroke has affected your abilities, and the likely course of your condition, may be delivered by a therapist using the following technologies. How strongly would you be/have been interested in using the technology to receive education?

Mobile phone: Very interested (1) Somewhat interested (2) Not interested (3)

Tablet (e.g. iPad): Very interested (1) Somewhat interested (2) Not interested (3)

Appendix 2. Attitude towards telerehabilitation questions

How much do you agree or disagree with the following statements about the use of technology to receive rehabilitation?

	Strongly disagree (1)	Disagree (2)	Agree (3)	Strongly agree (4)
I would feel more independent	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
It would save me money by not having to travel to appointments.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I would have fewer interactions with rehabilitation professionals.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I would like to have received rehabilitation in my own home or community.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I would feel more confident in my ability to manage my progress.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I feel the quality of care would be less than face-to-face care.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I don't want to discuss sensitive information that is not in-person.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
It would make accessing stroke care easier.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I feel that it would enhance my current care.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I would miss the in-person interactions I had during rehabilitation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



AIMS Press

© 2018 the Author(s), licensee AIMS Press. This is an open access article distributed under the terms of the Creative Commons Attribution License (<http://creativecommons.org/licenses/by/4.0>)