



Neurogym Technologies

NeuroGym FIT Program Outcomes



Background

- Study completed at Hawthorne Place Care Centre
- Partnership with Responsive management inc., Achieva Health and NeuroGym Technologies
- Program evaluation was designed and carried out by Achieva staff

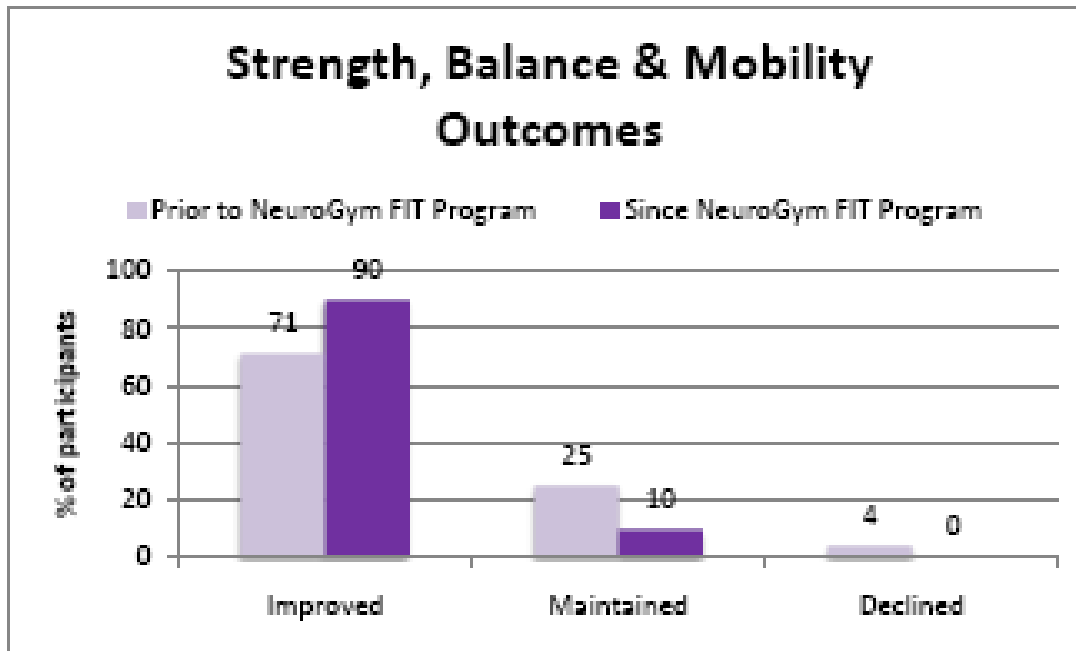


Methodology

- 28 clients in the Convalescent Care Program (CCP) prior to implementation of the NeuroGym FIT program
- July 1 to October 31 2012
- MDS Standing Balance Test
- 42 clients in the CCP following implementation of the NeuroGym FIT program
- November 19 2012 to March 31 2013
- Tinetti Balance Test and Elderly Mobility Scale



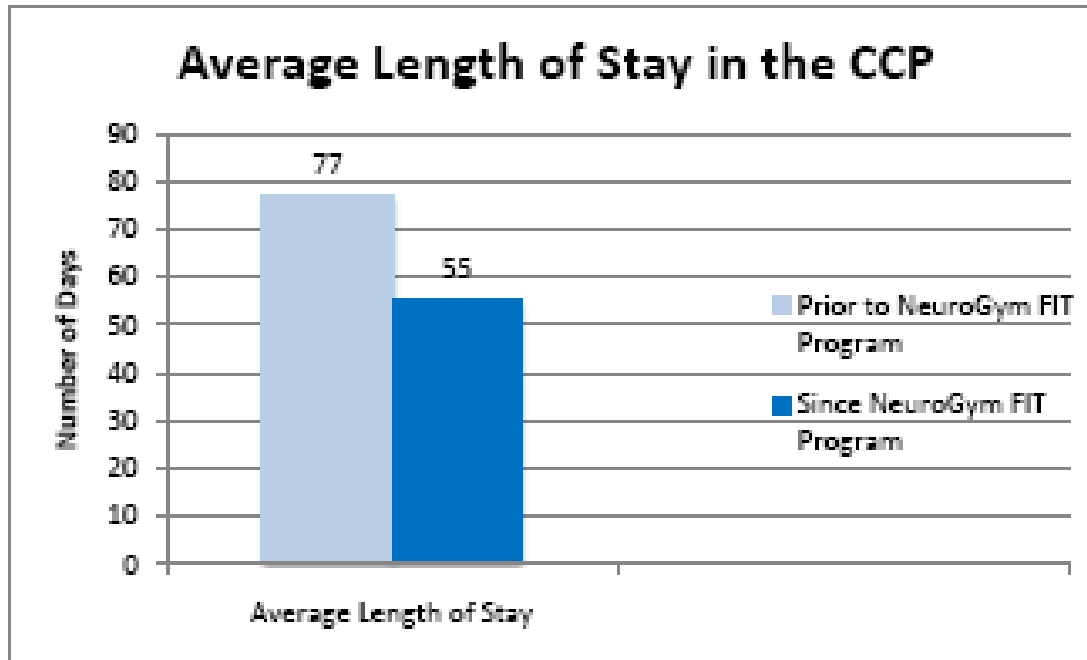
Outcomes – Strength, Balance & Mobility



- 90% of clients improved their strength, balance and mobility outcomes using the NeuroGym FIT program



Outcomes – Length of Stay



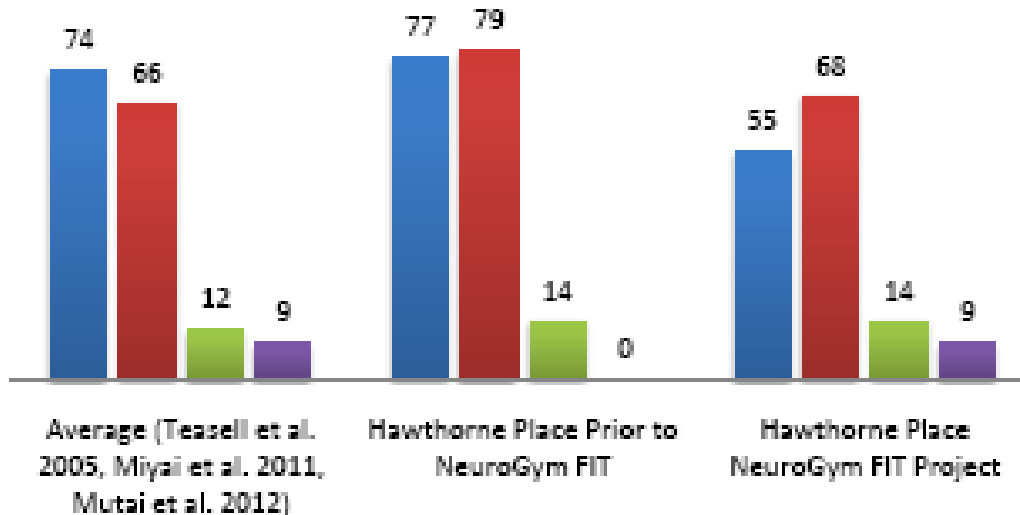
- Average length of stay in the CCP dropped from 77 days to 55 days using the NeuroGym FIT program



Comparison to other CCP programs

Convalescent Care Results

■ Mean Length of Stay (days) ■ % Discharged Home
■ % Discharged to LTC ■ % Discharged to Hospital



- Teasell et al. 2005
 - Parkwood Hospital, London ON
 - 196 stroke patients over 5 years
- Miyai et al. 2011
 - Japanese National Medical Insurance System
 - 87 917 patients over 10 years
- Mutai et al. 2012
 - Azumino Hospital, Japan
 - 174 Stroke patients over 2 years

Medline search parameters – ‘convalescent care rehabilitation,’ ‘length of stay’

