

## Conference Presentation Abstract

### Title:

Positive Outcomes Following Long-Term Rehabilitation for Individuals with Severe Traumatic Brain Injury

### Primary Author:

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### Summary:

Association for the Rehabilitation of the Brain Injured (ARBI) is a pioneer in community-based rehabilitation for individuals with severe brain injury. These individuals are often given little hope of recovery. We believe that every individual deserves to live their best possible life following severe brain injury. Individuals are referred to ARBI by physicians and rehabilitation professionals approximately 2 years post-injury. This presentation will highlight: 1) ARBI's unique cost-effective service delivery model 2) positive outcomes for individuals with severe traumatic brain injury.

Outcomes: On admission to ARBI, most clients resided in hospitals or long-term care centers. At discharge the majority reside in personal care homes or their own homes. Participation in the community increased from admission (0-1 time per week) to discharge or present (2-3 times/week). The Rappaport Disability Rating Scale scores reflected severe disability at admission with moderate-severe disability at discharge or at present. Rancho Los Amigos scores increased from an average of 5.3 to 6.1 for discharged clients and an average of 5.6 to 5.9 for active clients. The Chedoke-McMaster Activity Inventory scores increased from an average of 32 to 45.5/100 for discharged clients and an average of 33.6 to 38.6/100 for active clients.

Learning Objectives: To demonstrate that individuals who have survived the most severe brain injury can continue to demonstrate functional improvement for years following injury allowing them to reside and actively participate in their communities.