



Matching Participants to Programs: Participant Characteristics and Outcomes for Foundation to Advance Brain Rehabilitation Programs

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The Foundation to Advance Brain Rehabilitation (FABR) is a nonprofit organization, supported by Founding Members (Learning Services, On With Life, Pate Rehabilitation/Rehabilitation Without Walls, Progressive Rehabilitation Associates, ReMed, Shepherd Center), whose mission is to advance brain rehabilitation through scientific and strategic analysis of industry-wide data. The de-identified FABR database, developed in partnership with Inventive Software Solutions, offers a unique opportunity to study characteristics and outcomes of rehabilitation provided in residential, skilled nursing, group home, outpatient and day treatment facilities, and the home and community of the person served. Analyses of 1085 cases in the FABR database revealed significant differences on a number of variables on admission. Some variables, e.g., disability profile and need for supervision, may recommend admission to specific program types and appear associated with other variables, e.g., time since injury/onset, diagnosis and age. Outcome data analyses show participation in each program type leads to substantial functional improvement.

Learning Objectives:

- Describe the mission, goals, and benefits of a consortium to analyze pooled de-identified data from nationally representative postacute brain rehabilitation organizations.
- Describe the development, organization, management and security of the OutcomeInfo database and the pooled de-identified FABR dataset used for analyses.
- Describe specific postacute brain rehabilitation program types and differences in disability profile, supervision needs, age, diagnoses, and time since injury/onset for participants in various program types.
- Describe outcomes of each program type as measured by the Mayo-Portland Adaptability Inventory (MPAI-4) and Supervision Rating Scale (SRS).