



The Value of Cognitive Rehabilitation for Adults With Acquired Brain Injury (ABI)

ABI is a serious public health problem in the United States.



Number of individuals who experience an ABI each year.^{1,2}



Direct and indirect costs associated with ABI.³



Cognitive rehabilitation decreases length of stay, increases independence, and improves overall function. Speech-language pathologists are a key part of the team that provides cognitive rehabilitation to adults with ABI.⁴⁻⁷



Increased
Independence and
Return to Work

Adults receiving cognitive rehabilitation are...

- 17%-45% more likely to return to work.⁷⁻⁹
- 2.4 times more likely to be employed full time 12 months post injury.⁸
- 1.5 times more likely to live at home.⁸
- 45% less likely to reside in a skilled nursing facility.⁸



Decreased Length
of Stay and
Resulting Costs

Compared with usual care, adults who receive early and continuous cognitive rehabilitation are discharged...

- 17 days sooner from acute care.⁸
- 29 days sooner from inpatient rehabilitation.⁸
- 35 days sooner from the hospital.⁸

Adults receiving cognitive rehabilitation improve in...

Activities of daily living^{7,10}
Attention^{7,11-15}
Executive function^{7,14-18}
Global cognition^{7,10,13-15,18-20}
Memory^{7,14,15,18,21-26}



Quality of life⁷
Self-awareness⁷
Social cognition and pragmatic language^{7,27,28}
Strategy use^{6,27}
Visuospatial skills¹⁷



After speech-language pathology treatment...



Increased Knowledge and Impact of Injury

Because of speech-language pathology services, 96.6% of adults receiving cognitive rehabilitation had a better understanding of their cognitive problems.²⁹

★★★ Consumer Satisfaction

Among those receiving cognitive rehabilitation, 85.7%-91.8% were satisfied with their cognitive rehabilitation services.^{30,31}