TITLE: Cognitive Aids and Assistive Technologies for Acquired Brain Injury: Clinical-Effectiveness

DATE: 14 July 2009

RESEARCH QUESTION:

What is the clinical-effectiveness of cognitive aids and assistive devices for individuals with acquired brain injury?

METHODS:

The summary of findings was prepared from the abstracts of the relevant information. Please note that data contained in abstracts may not always be an accurate reflection of the data contained within the full article.

A limited literature search was conducted on key health technology assessment resources, including PubMed, PsycInfo, the Cochrane Library (Issue 2, 2009), University of York Centre for Reviews and Dissemination (CRD) databases, ECRI, EuroScan, international health technology agencies, and a focused Internet search. The search was limited to English language articles published between 2004 and June 2009. Filters were applied to limit the retrieval to health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, controlled clinical trials, and observational studies. Internet links were provided, where available.

RESULTS:

HTIS reports are organized so that the higher quality evidence is presented first. Therefore, health technology assessment reports, systematic reviews, and meta-analyses are presented first. These are followed by randomized controlled trials, controlled clinical trials, and observational studies.

No relevant health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, controlled clinical trials, or observational studies were identified regarding the
clinical-effectiveness of cognitive aids and assistive devices for individuals with acquired brain injury. Additional articles of interest may be found in the appendix.

OVERALL SUMMARY OF FINDINGS:

No relevant articles were identified that evaluated the clinical-effectiveness of specific cognitive aids and assistive devices (including Parrot Software, Posit Science, Ablelink Endeavor, Oralys, Brainfit, Apple, HealthViso Solution, and Attainment Company) for individuals with acquired brain injury. Additional articles examining the clinical-effectiveness of broad categories of cognitive aids and assistive devices are included in the appendix.
REFERENCES SUMMARIZED:

**Health technology assessments**
No literature identified

**Systematic reviews and meta-analyses**
No literature identified

**Randomized controlled trials**
No literature identified

**Controlled clinical trials**
No literature identified

**Observational studies**
No literature identified

PREPARED BY:
Michelle Clark, BSc, Research Assistant
Charlene Argáez, MLIS, Information Specialist
Health Technology Inquiry Service
Email: [htis@cadth.ca](mailto:htis@cadth.ca)
Tel: 1-866-898-8439
APPENDIX – FURTHER INFORMATION:

Observational studies – technology not identified


Review articles


Additional references