TITLE: Screening Adults with Cognitive Impairment with the Montreal Cognitive Assessment Tool: Clinical Effectiveness and Diagnostic Accuracy

DATE: 17 February 2010

RESEARCH QUESTIONS:

1. What is the diagnostic accuracy, validity, and reliability of using the Montreal Cognitive Assessment screening tool in adults with cognitive impairment?

2. What is the evidence for the use of the Montreal Cognitive Assessment screening tool for the prediction of functional outcomes such as daily living activities?

METHODS:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 3, 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 2005 and February 2010. No filters were applied to limit the retrieval by study type. 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.

Thirteen observational studies pertaining to the diagnostic accuracy, validity, and reliability of using the Montreal Cognitive Assessment screening tool in adults with cognitive impairment were identified. No relevant health technology assessment reports, systematic reviews, meta-analyses, randomized controlled trials, or controlled clinical trials were identified and no information pertaining to evidence for the use of the Montreal Cognitive Assessment screening tool for the prediction of functional outcomes such as daily living activities.
tool for the prediction of functional outcomes such as daily living activities was found. Additional information that may be of interest has been included in the appendix.

**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**


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APPENDIX – FURTHER INFORMATION:

Review articles


Additional references
