TITLE: Seating Devices for Patients with Progressive Neuromuscular Diseases: Clinical Effectiveness

DATE: 22 January 2010

RESEARCH QUESTION:

What is the evidence to guide the provision of seating devices such as wheelchairs to patients with progressive neuromuscular diseases?

METHODS:

A limited literature search was conducted on key health technology assessment resources, including PubMed, OVID Embase, OVID ERIC, Ebsco CINAHL, the Cochrane Library (Issue 4, 2009), University of York Centre for Reviews and Dissemination (CRD) databases, ECRI, PEDro, OTSeeker, EuroScan, international health technology agencies, and a focused Internet search. The search was limited to English language articles published between 1999 and January 2010. Filters were applied to limit the retrieval to health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, controlled clinical trials, observational studies, and guidelines. 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, observational studies, and evidence-based guidelines.

One randomized controlled trial and four observational studies were identified pertaining to the provision of seating devices such as wheelchairs to patients with progressive neuromuscular diseases. Additional information that may be of interest, including wheelchair coverage guidelines, has been included in the appendix.
Health technology assessments
No literature identified.

Systematic reviews and meta-analyses
No literature identified.

Randomized controlled trials

Controlled clinical trials
No literature identified.

Observational studies


Guidelines and recommendations
No literature identified.

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APPENDIX – FURTHER INFORMATION:

Observational studies


Coverage guidelines, recommendations, policy bulletins


**Review articles**


See section on equipment.
