

Bilaga till rapport¹ Rullstolar och tilläggsutrustning Effekt, upplevelser och erfarenheter samt kostnadseffektivitet, rapport 347 (2022)

Bilaga 3 Exkluderade hälsoekonomiska studier/Appendix 3 Excluded health economics studies

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Excluded studies

One size does not fit all. SpeciaLiving Magazine. 2009;9(1):8-11.

Systematic review of mobility devices outcomes. Helsinki: Finnish Office for Health Care Technology Assessment (FinOHTA).

Wheelchair selection: the goal is a custom fit. Mayo Clinic Health Letter. 2002;20(11):4-5.

Federal study on power wheelchairs. PN. 2009;63(11):12-3.

Andrich R, Salatino C, Converti RM, Saruggia M. Cost-effectiveness of powered wheelchairs: findings of a study. Studies in Health Technology & Informatics. 2015;217:84-91.

Andrich R, Caracciolo A. Analysing the cost of individual assistive technology programmes. Disability and Rehabilitation: Assistive Technology. 2007;2(4):207-34.

Andrich R, Mathiassen NE, Hoogerwerf EJ, Gelderblom GJ. Service delivery systems for assistive technology in Europe: An AAATE/EASTIN position paper. Technology and Disability. 2013;25(3):127-46.

Avutu SR. Design and feasibility test of an indigenous motorized wheel for manual wheelchair. International Journal of Manufacturing, Materials, and Mechanical Engineering. 2019;9(3):42-55.

Bahnasawi AA, Hefny HA, Younis MI. Complete hardware and software implementation of automotive wheelchairs2002 2002. 70-4 p. Bamer AM, Connell FA, Dudgeon BJ, Johnson KL. Frequency of purchase and associated costs of assistive technology for Washington State Medicaid program enrollees with spina bifida by age. Disability & Health Journal. 2010;3(3):155-61.

Birenbaum A. Children, disability, and chronic care. Intellectual & Developmental Disabilities. 2010;48(5):393-5.

Bishop M, Dennis KL, Bishop LA, Sheppard-Jones K, Bishop F, Frain M. J Vocat Rehabil. (2).

Bray N, Noyes J, Harris N, Edwards RT. Defining health-related quality of life for young wheelchair users: A qualitative health economics study. PLoS ONE [Electronic Resource]. 2017;12(6):e0179269.

Bray N, Kolehmainen N, McAnuff J, Tanner L, Tuersley L, Beyer F, et al. Early Mobility and POwered Wheelchair Evidence Review (EMPoWER): Examining the effectiveness and cost-effectiveness of earlier provision of powered mobility interventions for children with mobility limitations. Developmental Medicine and Child Neurology. 2020;62:43.

Bray N, Kolehmainen N, McAnuff J, Tanner L, Tuersley L, Beyer F, et al. Powered mobility interventions for very young children with mobility limitations to aid participation and positive development: The empower evidence synthesis. Health Technol Assess. 2020;24(50):1-194. Brodin H, Persson J. Cost-utility analysis of assistive technologies in the European Commission's TIDE Program. International Journal of Technology Assessment in Health Care. 1995;11(2):276-83.

Brooks IM. A kitchen built for two. SpeciaLiving Magazine. 2003;3(2):38-43.

Casey J, McKeown L, McDonald R, Martin S. Wheelchairs for children under 12 with physical impairments. Cochrane Database of Systematic Reviews: Reviews. 2012.

Cassell CH, Grosse SD, Thorpe PG, Howell EE, Meyer RE. Health care expenditures among children with and those without spina bifida enrolled in Medicaid in North Carolina. Birth Defects Res Part A Clin Mol Teratol. 2011;91(12):1019-27.

Choukou MA, Best KL, Potvin-Gilbert M, Routhier F, Lettre J, Gamache S, et al. Scoping review of propelling aids for manual wheelchairs. Assistive Technology. 2021;33(2):72-86.

Clifton DW. Paying for power. A look at the costs associated with power-operated vehicles. Rehab Management. 2004;17(9):32-6, 54.

Collins F. An assessment of the Quickie Classic range of lightweight wheelchairs. International Journal of Therapy & Rehabilitation. 2003;10(9):422-7.

Cooper RA. Wheelchairs and related technology for the millennium. Journal of Rehabilitation Research & Development. 2000;37(3):xiii-xvi.

Cooper RA, Cooper R, Tolerico M, Guo S, Ding D, Pearlman J. Advances in electricpowered wheelchairs. Topics in Spinal Cord Injury Rehabilitation. 2006;11(4):15.

Dolan MJ, Bolton MJ, Henderson GI. Comparison of seating, powered characteristics and functions and costs of electrically powered wheelchairs in a general population of users. Disability & Rehabilitation Assistive Technology. 2019;14(1):56-61.

Edwards K, McCluskey A. A survey of adult power wheelchair and scooter users. Disability and Rehabilitation: Assistive Technology. 2010;5(6):411-9.

Ekman B, Mishra S, Pupulin A, Khasnabis C, Allen M, Huber M. Sustainable and equitable provision of wheelchairs in lowand middle-income countries: an economic assessment of the models for wheelchair provision in Tajikistan. Disability & Rehabilitation Assistive Technology. 2020:1-6.

Fadheel BA, Mahdi AJ, Jaafar HF, Nazir MS, Obaid MS, Musa SH. Speed Control of a Wheelchair Prototype Driven by a DC Motor Through Real EEG Brain Signals2020 2020.

Fass MV, Cooper RA, Fitzgerald SG, Schmeler M, Boninger ML, Algood SD, et al. Durability, value, and reliability of selected electric powered wheelchairs. Archives of Physical Medicine & Rehabilitation. 2004;85(5):805-14.

Freeman J, Hendrie W, Jarrett L, Hawton A, Barton A, Dennett R, et al. Standing up in multiple sclerosis (SUMS): a multicentre randomised controlled trial evaluating the clinical and cost effectiveness of a home-based selfmanagement standing frame programme in people with progressive multiple sclerosis. Multiple sclerosis journal. 2018;24(6):869-70.

Freeman J, Hendrie W, Jarrett L, Anne Marie H, Barton A, Rachel D, et al. Standing up in people with progressive multiple sclerosis (SUMS): a multi-centre randomised controlled trial evaluating a home-based standing frame programme. Multiple sclerosis journal. 2018;24(2):724-.

Fuhrer MJ. Assessing the efficacy, effectiveness, and cost-effectiveness of assistive technology interventions for enhancing mobility. Disability & Rehabilitation: Assistive Technology. 2007;2(3):149-58.

Galvan E, Gonzalez G, Hernandez G, Manon S, Ponce H. Electric wheelchair module: Converting a mechanical to an electric wheelchair2017 2017. 70-4 p.

Gebrosky B, Bridge A, O'Donnell S, Grindle GG, Cooper R, Cooper RA. Comparing the performance of ultralight folding manual wheelchairs using standardized tests. Disability & Rehabilitation Assistive Technology. 2020:1-10.

Gebrosky B, Grindle G, Cooper R, Cooper R. Comparison of carbon fibre and aluminium materials in the construction of ultralight wheelchairs. Disability & Rehabilitation Assistive Technology. 2020;15(4):432-41.

Gebrosky B, Pearlman J, Cooper R. Comparison of High-Strength Aluminum Ultralight Wheelchairs Using ANSI/RESNA Testing Standards. Topics in Spinal Cord Injury Rehabilitation. 2018;24(1):63-77.

Gefen A, Bader D. Editorial. Journal of Tissue Viability. 2018;27(1):2-9.

Giesbrecht EM, Smith EM, Mortenson WB, Miller WC. Needs for mobility devices, home modifications and personal assistance among Canadians with disabilities. Health Reports. 2017;28(8):9-15.

Groah SL, Ljungberg I, Lichy A, Oyster M, Boninger ML. Disparities in wheelchair procurement by payer among people with spinal cord injury. PM & R: Journal of Injury, Function & Rehabilitation. 2014;6(5):412-7.

Hagberg L, Hermansson L, Fredriksson C, Pettersson I. Cost-effectiveness of powered mobility devices for elderly people with disability. Disability & Rehabilitation Assistive Technology. 2017;12(2):115-20.

Headleand CJ, Day T, Pop SR, Ritsos PD, John NW. A Cost-Effective Virtual Environment for Simulating and Training Powered Wheelchairs Manoeuvres. Studies in health technology and informatics. 2016;220:134-41.

Henschke C. Provision and financing of assistive technology devices in Germany: A bureaucratic odyssey? The case of amyotrophic lateral sclerosis and Duchenne muscular dystrophy. Health Policy. 2012;105(2):176-84.

Huang X, Sun M, Song Y, Li C, Jin R, Sun H, et al. Do online applications for free assistive technology devices by individuals with disabilities introduce moral hazard? Evidence from Shanghai, China. Int J Health Plann Manage. 2020;35(4):897-909.

Hubbard SL. Effectiveness of the VA system at providing wheeled mobility devices: University of Pittsburgh; 2004. Available from:

http://search.ebscohost.com/login.aspx? direct=tr

ue&db=c8h&AN=109843963&site=ehostlive.

Hubbard SL, Fitzgerald SG, Vogel B, Reker DM, Cooper RA, Boninger ML.

Distribution and cost of wheelchairs and scooters provided by Veterans Health Administration. Journal of Rehabilitation Research & Development. 2007;44(4):581-92.

Hubbard Winkler SL, Wu S, Cowper Ripley DC, Groer S, Hoenig H. Medical utilization and cost outcomes for poststroke veterans who receive assistive technology devices from the Veterans Health Administration. Journal of Rehabilitation Research & Development. 2011;48(2):125-34.

Kaiser MS, Chowdhury ZI, Mamun SA, Hussain A, Mahmud M. A neuro-fuzzy control system based on feature extraction of surface electromyogram signal for solar-powered wheelchair. Cognitive Computation. 2016;8(5):946-54.

Kiekens C, Maertens De Noordhout B. The reimbursement system of mobility aids in Belgium. Annals of Physical and Rehabilitation Medicine. 2013;56:e253. Kloosterman MG, Snoek GJ, van der Woude LH, Buurke JH, Rietman JS. A systematic review on the pros and cons of using a pushrim-activated power-assisted wheelchair. Clinical Rehabilitation. 2013;27(4):299-313.

Krantz O, Persson D, Lindgren B, Bolin K. Prescribers' experience of active wheelchair provisioning in Sweden: Analysis of a postal questionnaire. Technology and Disability.

2011;23(4):191-204.

Lathbury K, McDowell S, Shandalov B. Mobility. Price of freedom: manual wheelchairs offer access, but repetitive strain may be the cost. Advance for Directors in Rehabilitation. 2000;9(3):25-6.

Li Pi Shan RS, Chrusch WM, Linassi AG, Sankaran R, Munchinsky J. Reuse and refurbish: a cost savings delivery model for specialized seating. Archives of Physical Medicine & Rehabilitation. 2012;93(7):1286-8.

Livingstone R, Field D. Systematic review of power mobility outcomes for infants, children and adolescents with mobility limitations. Clinical Rehabilitation. 2014:epub.

Margolis S. The price of mobility. Care Management. 2003;9(5):31-2.

Martínez MA. Optimal wheelchair service provision for children with disabilities. Journal of Clinical Outcomes Management. 2014;21(10).

McAnuff J, Kolehmainen N, Tanner L, Beyer F, Craig D, Noyes J, et al. Powered mobility interventions for young children aged <5 years: A systematic mixed methods review and economic model of effectiveness and cost-effectiveness. Developmental Medicine and Child Neurology. 2019;61:217.

McClure LA, Boninger ML, Oyster ML, Williams S, Houlihan B, Lieberman JA, et al. Wheelchair Repairs, Breakdown, and Adverse Consequences for People With Traumatic Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation. 2009;90(12):2034-8.

Nct. Collaborative Power Mobility Innovative Learning OpporTunity (CoPILOT) - A Pilot Study of a New Training Approach (Phase 1). https://clinicaltrialsgov/show/NCT023207 86. 2014.

Nisbet PD. Assessment and training of children for powered mobility in the UK. Technology and Disability. 2002;14(4):173-82.

Reid D, Laliberte-Rudman D, Hebert D. Impact of wheeled seated mobility devices on adult users' and their caregivers' occupational performance: a critical literature review. Canadian Journal of Occupational Therapy. 2002;69(5):261-80.

Rice LA, Isaacs Z, Ousley C, Sosnoff J. Investigation of the Feasibility of an Intervention to Manage Fall Risk in Wheeled Mobility Device Users with Multiple Sclerosis. International Journal of Ms Care. 2018;20(3):121-8.

Rice LA, Yarnot R, Peterson EW, Backus D, Sosnoff J. Fall Prevention for People With Multiple Sclerosis Who Use Wheelchairs and Scooters. Archives of Physical Medicine and Rehabilitation. 2021;102(4):801-4.

Sakib SN, Mouri SP, Ferdous Z, Kaiser MS. A study on low cost solar powered wheel chair for disabled people of Bangladesh2016 2016. 27-31 p.

Salatino C, Pigini L, Andrich R. How to measure the impact of assistive technology solutions on the person's quality of life? IRCCS Fondazione Don Carlo Gnocchi Milano, Italy: Association for Computing Machinery; 2018 2018. 238-42 p.

Sanderson D, Place M. Evaluation of the powered wheelchair and voucher schemes. International Journal of Therapy and Rehabilitation. 2001;8(2):46-51.

Scheffers MF, Ottesen TD, Kaye LH, Ona Ayala KE, Kadakia SM, Buckley JM, et al. A novel portable and cost-efficient wheelchair training roller for persons with disabilities in economically disadvantaged settings: the EasyRoller. Disability and Rehabilitation: Assistive Technology. 2020. Available from: https://doi.org/10.1080/17483107.2020.

1807622.

Shin GW, Lee KJ, Park D, Lee JH, Yuri MH. Personal mobility device and user experience: A state-of-the-art literature review. Department of Industrial Engineering, Institute for Industrial Systems Innovation, Seoul National University, Seoul, 08826, South Korea: Human Factors and Ergonomics Society Inc.; 2018 2018. 1336-7 p. Shoemaker LL, Lenker JA, Fuhrer MJ, Jutai JW, Demers L, Deruyter F. Mobilityrelated assistive technology device classifications: Implications for outcomes research. AM J PHYS MED REHABIL. 2009;88(12):1020-32.

Smith R. Born to ride. Rehab management. 2006;19(2):14, 6, 8-20.

Smith R. News from the mobility front. Rehab management. 2008;21(8):20-4.

Smith R. Supporting lightweight issues. Rehab Management: The Interdisciplinary Journal of Rehabilitation. 2008;21(3):23-.

Smith EM, Roberts L, McColl MA, Martin Ginis KA, Miller WC. National evaluation of policies governing funding for wheelchairs and scooters in Canada. Canadian Journal of Occupational Therapy. 2018;85(1):46-57.

Stillman MD, Bertocci G, Smalley C, Williams S, Frost KL. Healthcare utilization and associated barriers experienced by wheelchair users: A pilot study. Disability and Health Journal. 2017;10(4):502-8.

Sund T, Iwarsson S, Anttila H, Brandt Å. Effectiveness of Powered Mobility Devices in Enabling Community Mobility-Related Participation: A Prospective Study Among People With Mobility Restrictions. PM R. 2015;7(8):859-70.

Toro ML, Worobey L, Boninger ML, Cooper RA, Pearlman J. Type and Frequency of Reported Wheelchair Repairs and Related Adverse Consequences Among People With Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation. 2016;97(10):1753-60. Wang H, Liu HY, Pearlman J, Cooper R, Jefferds A, Connor S, et al. Relationship between wheelchair durability and wheelchair type and years of test. Disability and Rehabilitation: Assistive Technology. 2010;5(5):318-22.

Ward A, Duffy K, Williams N, Stenger C, Nichols M, Sanjak M, et al. Power wheelchair prescription, utilization, satisfaction and cost for patients with ALS/MND; preliminary data for evidence based guidelines. Amyotrophic Lateral Sclerosis. 2009;10:191-2.

Ward A, Gorelik R, Brooks BR, Mitsumoto H. Power wheelchair mobility over time in ALS/MND: Psychosocial impact, functional usage, falls, pain relief, and cost. Amyotrophic Lateral Sclerosis. 2010;11:132.

Ward AL, Sanjak M, Duffy K, Bravver E, Williams N, Nichols M, et al. Power wheelchair prescription, utilization, satisfaction, and cost for patients with amyotrophic lateral sclerosis: preliminary data for evidence-based guidelines. Archives of Physical Medicine & Rehabilitation. 2010;91(2):268-72.

Winkler SLH, Vogel B, Hoenig H, Ripley DCC, Wu S, Fitzgerald SG, et al. Cost, utilization, and policy of provision of assistive technology devices to veterans poststroke by medicare and VA. Medical Care. 2010;48(6):558-62.

Wolff JL, Agree EM, Kasper JD. Wheelchairs, walkers, and canes: what does Medicare pay for, and who benefits? Health Affairs. 2005;24(4):1140-9. Worobey LA, Heinemann AW, Anderson KD, Fyffe D, Dyson-Hudson TA, Berner T, et al. Factors Influencing Incidence of Wheelchair Repairs and Consequences Among Individuals with Spinal Cord Injury. Archives of physical medicine and rehabilitation. 2021.

Wretstrand A, Bylund PO, Petzall J, Falkmer T. Injuries in special transport services--situations and risk levels involving wheelchair users. Medical Engineering & Physics. 2010;32(3):248-53.