

APPENDIX 18:

HEALTH ECONOMIC EVIDENCE - EVIDENCE TABLES OF PUBLISHED STUDIES

Clinical care pathways - multidisciplinary teams

Reference to included study:

NAO (2009) *Supporting People with Autism Through Adulthood: Report by the Comptroller and Auditor General*. HC 556 Session 2008-2009. 5 June. London: The Stationery Office.

Study ID Country Study type	Intervention details	Study population Study design Data sources	Costs: description and values Outcomes: description and values	Results: cost- effectiveness	Comments
NAO (2009), UK, cost analysis	Multidisciplinary team providing specialist service for identification, intervention and support versus standard non- specialist services	Adults with high- functioning autism/Asperger's syndrome Decision analytic model Source of clinical effectiveness data: NAO survey, local data, expert opinion Source of resource-use data: local data and published evidence Source of unit costs: published sources	Costs included: NHS (treatment, inpatient care, crisis resolution and home treatment teams, accommodation); public sector and local authority (social services, employment support, housing, adult education, day services); costs to the individuals and their families (including accommodation, family expenses and productivity losses) Multidisciplinary team versus standard care - incremental cost (saving) per 1000 working-age population: NHS £800; public purse £200 Results sensitive to identification rate with/without multidisciplinary team - range of incremental cost (saving) per 1000 working-age population for a range in identification rate of 2% to 14% with multidisciplinary team (1% standard care): NHS £700 to £1,100; public purse £700 to £5,000 Probability of multidisciplinary team being cost saving to public purse: 80%	N/A	Perspective: public sector and individuals. Currency: UK£. Cost year: 2007/08. Time horizon: 'Snapshot approach' - annuitised costs and benefits. Discounting: N/A. Applicability: partially applicable Quality: potentially serious limitations.

Psychosocial interventions – supported employment

Reference to included study:

Mawhood, L. & Howlin, P. (1999) The outcome of a supported employment scheme for high functioning adults with autism or Asperger syndrome. *Autism*, 3, 229–254.

Study ID Country Study type	Intervention details	Study population Study design Data sources	Costs: description and values Outcomes: description and values	Results: cost-effectiveness	Comments
Mawhood and Howlin (1999), UK, cost-effectiveness analysis	Employment support versus control	Adults with autism. Study design: quasi-experimental parallel group controlled trial (N = 50) Source of resource use and clinical effectiveness: controlled trial Source of unit costs: local costs	Costs included: intervention costs of supported employment only Monthly cost per client: first year £672, second year £388 Primary outcome: percentage of adults with autism employed Percentage of adults employed: employment support 63%, control 25%	Estimated cost of intervention per additional adult employed: £33,474	Perspective: NHS. Currency: UK£. Cost year: 1994/95. Time horizon: 2 years of service provision. Discounting: N/A. Applicability: directly applicable. Quality: potentially serious limitations.