

Economic plan

This plan identifies the areas prioritised for economic modelling. The final analysis may differ from those described below. The rationale for any differences will be explained in the guideline.

1 Guideline

Aggressive behaviour in people receiving NHS or social care

2 List of modelling questions

Review questions by scope area	Drugs for rapid tranquilisation
Population	People who are judged to be in need of medication for the acute management of agitated or aggressive behaviour that poses a serious risk of harm to self or others, and where rapid tranquillisation is necessary and proportionate
Interventions and comparators considered for inclusion	Droperidol standard dose Haloperidol high dose Haloperidol lorazepam high dose Haloperidol midazolam low dose Haloperidol promethazine high dose Haloperidol promethazine low dose Haloperidol standard dose Lorazepam high dose Lorazepam standard dose Midazolam high dose Midazolam standard dose Olanzapine standard dose Promethazine standard dose
Perspective	NHS and personal social services
Outcomes	Number of people adequately sedated
Type of analysis	CEA
Issues to note	QALYs not possible or relevant to estimate (time horizon 2 hours), so judgments on the value of adequate sedation are required in order to draw conclusions on cost-effectiveness

4.0.4 DOC Economic Plan

Review questions by scope area	Organisational interventions targeted at reducing aggressive behaviour and restrictive practices
Population	Staff providing health, mental health or social care & people with aggressive behaviour
Interventions and comparators considered for inclusion	Not determined – the model can be used to estimate net costs and effects of organisational interventions, if their intervention cost and effectiveness are known
Perspective	NHS & personal social services
Outcomes	Not applicable, as this is a cost analysis, however costs are estimated using the number of events of aggressive behaviour per inpatient psychiatric ward per year as an outcome
Type of analysis	Simple cost analysis
Issues to note	Intervention costs of effective organisational interventions were not available. The analysis is an exploratory cost exercise, estimating the reduction in costs associated with aggressive behaviour, following different levels of reduction in aggressive behaviour. The analysis allows comparison between possible intervention cost estimates and resulting cost-savings and estimation of the time period required for hypothetical intervention costs to be offset by cost-savings associated with different levels of reduction in aggressive behaviour.