NICE National Institute for Health and Care Excellence

Economic Plan

This document 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

NICE safe staffing guideline for nursing in A&E departments

2 List of Modelling Questions

Review questions by scope area	What patient factors affect nursing staff requirements as patients progress through an A&E department (attendance and initial assessment, ongoing assessment and care delivery, discharge)? What environmental factors affect nursing staff requirements as patients progress through A&E (attendance and initial assessment, ongoing assessment and care delivery, discharge)? What staffing factors affect nursing staff requirements as patients progress through an A&E department (attendance and initial assessment, ongoing assessment and care delivery, discharge)? What organisational factors influence nursing staff requirements at a departmental level?
Population	Adults and children in all secondary care type 1 A&E departments in hospitals
Interventions and comparators considered for inclusion	A variety of different scenarios will be investigated such as: • Staffing requirements: Staffing levels and skill mixes (or ratios) • Different department sizes or attendances and impact of staffing requirements
Perspective	Health outcomes in NHS settings* (see 'Issues of note' section below)
Outcomes	Outcomes depend on the availability of evidence. The following outcomes may be investigated: - Average waiting time - Number of deaths - Time to Assessment or Treatment duration - Leaving without being seen - Total costs (staff) - Ratio of nursing staff to patients
Type of analysis	System Dynamic Simulation Model (using iThink software). Analysis will investigate consequences of different factors.
Issues to note	*Non health outcomes will also be considered in the simulation model (such as process and/or system performance outcomes)