

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

Perioperative care in adults

2 List of modelling questions

Review question by scope area	What is the clinical and cost effectiveness of non-invasive cardiac output monitoring during surgery in adults?
Population	Adults having major or complex or high-risk surgery, and high-risk patients undergoing any surgery.
Interventions and comparators considered for inclusion	<ul style="list-style-type: none"> • Cardiac output monitoring • Conventional clinical assessment
Perspective	NHS and PSS
Outcomes	Cost per QALY gained
Type of analysis	Cost-utility analysis (Decision tree and Markov model; lifetime horizon)
Issues to note	Due to the population being considered higher risk than the general population, it was not felt appropriate to use the general population for the baseline mortality and quality of life in the model, and a proxy population of bowel cancer was modelled instead in the base case. The impact of this on the model was explored in a sensitivity analysis.