

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

Vitamin B12 deficiency.

2 List of modelling questions

Review questions by scope area	RQ: What are the most clinically and cost-effective ways to diagnose vitamin B12 deficiency, including the serum cobalamin assay and holotranscobalamin, methylmalonic acid and homocysteine tests?
Population	People with suspected vitamin B12 deficiency that have an indeterminate test result with either a total B12 test (serum cobalamin) or active B12 test (holotranscobalamin)
Interventions and comparators considered for inclusion	<ol style="list-style-type: none"> 1. Methylmalonic acid testing, and treatment with Cyanocobalamin 1mg daily if positive 2. No methylmalonic acid testing, and no treatment.
Perspective	NHS and personal social services
Outcomes	Quality-adjusted life-years
Type of analysis	Cost-utility analysis
Modelling software	Excel
Issues to note	