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

Asthma: diagnosis and monitoring of asthma in adults, children and young people (asthma)

2 List of Modelling Questions

Clinical questions by scope area	In people under investigation for asthma, what is the diagnostic test accuracy and cost-effectiveness of: • **spirometry/flow volume loop measures** • **bronchodilator response (using PEF or FEV1)** • **peak expiratory flow (PEF) variability** • **fractional exhaled nitric oxide (FeNO) measures** • **airway hyper-reactivity (non-specific bronchial challenge) with histamine and methacholine** • **airway hyper-reactivity (non-specific bronchial challenge) with mannitol** • **bronchoconstriction in response to an exercise challenge**
Population	Individuals over 16 years of age who present symptoms of asthma to their GP.
Interventions considered for inclusion	No tests, base asthma diagnosis on symptoms alone The rest of the comparators base an asthma diagnosis on results from diagnostic pathways made up of the following tests: • Spirometry • PEFv • FeNO • Methacholine and histamine challenge test • Mannitol challenge test • Exercise challenge test
Type of analysis	CUA