

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

Intrapartum care for women with existing medical conditions or obstetric complications and their babies

2 List of modelling questions

Review questions by scope area	Does an ultrasound scan of the woman's back improve needle siting for central neuraxial blockade anaesthesia and analgesia for women with obesity in the peripartum period?
Population	Women in labour who are obese (BMI \geq 30 kg/m ²) at the booking appointment
Interventions and comparators considered for inclusion	<ul style="list-style-type: none"> • Ultrasound-guided needle and catheter siting (plus palpation) • Palpation alone (landmark technique)
Perspective	NHS + Personal Social Services
Outcomes	QALY
Type of analysis	CUA
Issues to note	

Review questions by scope area	Does antenatal care planning for birth involving an expanded multidisciplinary team compared with routine antenatal care planning improve intrapartum outcomes for women with existing medical conditions?
Population	Women at high risk of adverse outcomes for themselves and/or their baby during labour and birth because of an existing maternal medical condition
Interventions and comparators considered for inclusion	<ul style="list-style-type: none"> • Antenatal planning for birth involving an expanded multidisciplinary team • Routine antenatal care planning
Perspective	NHS + Personal Social Services
Outcomes	QALY
Type of analysis	CUA
Issues to note	In the absence of a clearly defined MDT model, costing of the intervention was undertaken on a "what-if" basis

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Review questions by scope area	What is the optimal mode of birth (emergency caesarean section or continuation of labour) for women with a large for gestational age baby?
Population	Women in labour with a (suspected) large-for-gestational-age baby
Interventions and comparators considered for inclusion	<ul style="list-style-type: none">• Emergency (unscheduled or unplanned) caesarean section• Continuation of labour
Perspective	NHS + Personal Social Services
Outcomes	QALY
Type of analysis	CUA
Issues to note	The clinical studies which informed the model were retrospective analyses with known birthweight and based on actual mode of birth, rather than prospective analyses from the point of decision during the intrapartum period