Year 1

I. Describing NHS practice context for IA (Survey)

- All UK NHS Trusts / Health Boards
- Document variation in IA devices, counting methods & training
- Sampling frame for II.

II. Engaging midwives' and gathering experiences of IA

- At least eight NHS sites, sampled for variation
- Observation & interviews with midwives
- Thematic analysis

V. Testing, implementation & evaluation

- Baseline case note audit
- 160 sets of notes in same NHS site

Stakeholder Advisory Group

- Policy & practice
- Service user groups

III. Engaging service users and gathering experiences of IA

- Lived-experience user group
- Around 20 women and partners from diverse backgrounds with varying experience of IA
- Small focus group discussions
- Thematic analysis

Year 2

IV. Co-design activities

Staff feedback event

- Around 20 midwives
- Feedback survey and qualitative research findings
- Agree priorities for action

Co-design working groups

- Midwives, service users, policy/practic stakeholders
- Design solution:

Joint co-design event

- Midwives, service users, user groups, policy and practice stakeholders
- Agree priorities for action
- Form small co-design working groups

Service user feedback event

- Lived-experience user group
- Service user groups
- Feedback focus group findings
- Agree priorities for action

Co-designed toolkit

Feasibility / acceptability testing

- Same 8 NHS sites
- Introduce toolkit, feedback