Participant recruitment process

Pregnancy booking with community midwife

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Referral made to NUTH for scan appointment. Patient details entered onto electronic record (Newcastle patients), or provided on a proforma (out of area patients)

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Research letter sent (NUTH clinical team)

Patient contacts us to express an interest in the study by email/phone

Patient contacts us to opt out by email/phone, normal care continues, no further contact from research team, scan appointment booked for routine clinic

Phone to book scan appointment/discuss the study (NUTH clinical team)

Patient is interested in being in the study

Patient is not interested in being in the study, scan appointment booked for routine clinic (NUTH team), no further contact about the research

Book scan appointment in research clinic, send PIS (NUTH clinical team)

Patient can contact research team to discuss SHAPES PIS before their scan appointment if they want to

Patient attends clinical for scan appointment, discusses PIS with research team

Consent given

Consent not given

Has extra research measurements

Has 12-week scan

Activities carried out by the NUTH clinical research team

Activities carried out by SHAPES research team including NUTH clinical and Newcastle University non-clinical