The Mothers and Babies at Yorkhill (MABY) study is a longitudinal cohort study assessing the iodine and thyroid status of pregnant women and their offspring.

**Results**

Recruitment at 11 months – November 2015

367 mothers recruited (52% of target sample)
217 babies born
Drop out & exclusion rate: 8%

Preliminary data

- High completion rate with all type of sample collected, except breast milk (since not all mothers breastfeed or are able to hand express) (Table 1)
- No infant had a TSH over 3 mIU/L and just less than 7% with a TSH > 2 mIU/L (Fig 1)
- Preliminary urinary iodine analysis is consistent with mild iodine insufficiency observed in the UK (Fig 2)

Enrolment and retention for the MABY study is encouraging with 25% of recruitment target achieved by July and 52% by November. The study is on track to complete recruitment in May 2016.

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