

Supplemental Table 1: Question route for semi-structured interviews

Question route for semi-structured interviews

- 1) What was your experience with having diabetes in pregnancy?
Prompt – Did you have to attend additional clinics?

- 2) What did you do to manage/treat your diabetes in pregnancy?

- 3) Do you feel having diabetes in pregnancy effected how you were recommended to feed your baby?
Prompt - What were you told about breastfeeding?
When in pregnancy did you discuss that? – What did you think about that?

- 4) [If yes] How did that make you feel? Did you do anything differently?

- 5) What was your experience of feeding baby in the first few days after giving birth?
 - a. Could you tell me about your experiences just after giving birth? (only ask if previous answer was very vague)
 - b. What supports for feeding did you have in hospital?
 - c. Has how you feed baby changed since being home? How has it changed?

- 6) How did you intend to feed your baby before giving birth?
 - a. Is this the way in which you're currently feeding your child?
 - b. (if no) What do you think has influenced this?

- 7) What, if any, effect did your diabetes have on how you fed your baby?

- 8) Do you think that breastfeeding effects/effected your blood sugar levels?*

 - a. What strategies have you put in place to manage this?
 - b. How did you learn about this?

- 9) Is there any additional support you feel would have been useful regarding feeding your baby?
Prompt: From professionals during pregnancy? More resources in the general domain? Within the hospital after giving birth?

- 10) Is there anything else you'd like to share about your experiences of feeding your baby?

*Only ask this question of women who indicated that they have pre-existing diabetes

Supplemental Table 2 – Coding Frame for identifying themes in interview transcripts

Theme /sub-themes	Description
1 Methods of diabetes management	Describing the way in which women managed their diabetes...
- Diet/Exercise	...any discussion of using diet/exercise
- Insulin	...any discussion of using insulin
2 Support from routine healthcare for managing diabetes	Specific support for managing their diabetes from HCP's
- +ve - -ve	Either positive or negative comments about the routine support
3 Guilt/stress	Discussions of feeling 'guilty' or 'stressed'...
- Diabetes related	...about having diabetes
- Infant feeding related	...about not feeding baby in the way they had hoped
4 Prior discussion about infant feeding	Recollection (or none) of discussions about infant feeding <u>before giving birth</u> (did I or didn't I?)
5 Infant feeding	Comments about the experience of infant feeding, in particular...
- Challenge	...any challenges around infant feeding
- Resilience/confidence	...resilience to the challenges of infant feeding e.g. discussions of determination or practical strategies
- Knowledge/information (incl. work as HCP)/ Past experience	...prior knowledge or info about infant feeding
- Intention	...intentions to breast/mix feed
6 Support for infant feeding from healthcare services	Support for infant feeding from routine healthcare services, in particular...
- +ve - -ve	...positive discussions ...or negative discussion
7 External/Family/Dula	...support that was sought from external sources
8 Needs/gaps	...discussion of needs for- or gaps in- current support

Supplementary Table 3 – Differences in clinical experiences between full breastfeeders and mixed feeders who had Diabetes in Pregnancy

	Mixed feeding at 3 months (N=44) N (%)	Fully Breastfeeding at 3 months (N=18) N (%)
Diabetes Treatment		
Diet Therapy		
GDM	18(41)	7(39)
Insulin		
T1D and T2D	4(9)	2(11)
GDM	15(34)	7(39)
Missing	7(16)	2(11)
Induced labour		
No	19 (43)	9 (50)
Yes	14 (32)	5 (22)
Missing	11(25)	5(28)
C-Section		
No	32 (73)	13(72)
Yes	11 (25)	4 (22)
Missing	1(2)	1(6)
NICU admission		
No	37 (84)	14 (78)
Yes	4 (9)	3 (17)
Missing	3 (7)	1(6)

Differences were assessed using Chi-squared tests (or Fishers exact for variables with <5 in a category). There were no statistically significant differences.