

Supplementary Material

Women with hepatitis B: how mothers with chronic hepatitis B understand and experience the prevention of mother-to-child transmission interventions in Victoria, Australia

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Appendix S1. Reporting against COREQ: a 32-item checklist for qualitative studies

Domain 1: research team and reflexivity

Personal characteristics

1. Interviewer or facilitator: Nafisa Yussf
2. Credentials: BA Community Development, MPH
3. Occupation: Community Researcher
4. Gender: Female
5. Experience and training: completed a qualitative research training, experienced in group facilitation and working with culturally diverse communities in community health.

Relationship with participants

6. Relationship established: no prior relationship with any of the participants.
7. Participant knowledge of the interviewer: the researcher was introduced as a researcher from Melbourne Health.
8. Interviewer characteristics: the interviewer has worked in community health and research delivering hepatitis B health promotion interventions to improve health hepatitis B care.

Domain 2: study design

Theoretical framework

9. Methodological orientation: grounded theory.

Participant selection

10. Sampling: Purposive sampling and snowballing sampling.

11. Method of approach: Participants were asked by the clinician delivering care using a plain language statement and then referred to the researcher by telephone for further explanation of the research and to and arrange an interview time. One participant was referred by her friend.
12. Sample size: 16.
13. Non-participation: No refusals.
14. Setting of data collection: data was collected over the phone with audio recording.
15. Presence of non-participants: most interviews done with women with children present.
16. Description of sample: description of the 16 participants appears in [Table 1](#).

Data collection

17. Interview guide: a semi-structured interview guide was used.
18. Repeat interviews: no repeat interviews occurred.
19. Audio–visual recording: audio recording was performed for all interviews.
20. Field notes: field notes were made by the researcher at the end of each interview.
21. Duration: the interviews were 30–95 min in length.
22. Data saturation: data saturation was discussed and agreed with the second coder.
23. Transcripts returned: All participants were provided with the opportunity to review the interview, however none were commented or altered.

Domain 3: analysis and findings

Data analysis

24. Number of data coders: Two (Nafisa Yussf and Jack Wallace)
25. Description of the coding tree: the coding diagram was developed using identified themes.
26. Derivation of themes: themes were derived from the data.
27. Software: NVIVO, ver. 11.2
28. Participant checking: none planned to date.
29. Quotations presented and identified: yes and quotes were labelled with pseudonym names.
30. Data and findings consistent: Yes, the two coders analysed data, cross-checked and agreed on emerging themes identified.
31. Clarity of major themes: as presented; five major themes.
32. Clarity of minor themes: as presented.

Appendix S2. Semi-structured interview guide

1. Tell me about your experience with hepatitis B?

Probe:

- When and how did you find out? What about your family?
- How do you manage your hep B? See a specialist/GP?

- How does hepatitis B affect your life? Challenges living with hep B?
Stigma? Support?

2. Services and testing: Tell me about your experience with health services regarding your hepatitis B?

Probe:

- Did anyone from the hospital or GP talk to you about any hepatitis B related issues? Who? What happened?
- Was hepatitis B discussed with you before you were pregnant, while you were pregnant at the hospital/GP? How?
- What was the discussion? were you tested, referred etc? where were you referred?
- How long did you wait?
- If required – were you offered an interpreter?
- What information were you given about hepatitis B?

3. Vaccination: Tell me about your child's vaccination?

Probe:

- Tell me about how you understand about hepatitis B vaccination?
- Do you modify anything now that your child is vaccinated?

- Was it discussed with you before birth? Consent?
 - When/who was it given by?
 - Were you given any information about testing your child post vaccination?
4. Care and management: How was your hepatitis B managed at the hospital (before and after birth) and in the community?
- What advice did you receive about breastfeeding your baby in relation to hepatitis B?
 - What advice did you receive about your family regarding hepatitis B?
 - Did your MCHN discuss it with you?
5. What information did you receive about how and where your information is recorded?

Probe:

- Where you told where your hepatitis B status and your infant vaccinations were recorded?
 - Where/who it was being reported to?
6. Communication: How did you know if/when your child received their vaccination?
- How well did the staff talk to you about your hep B?
 - What resources were you given about your hepatitis B care during/after pregnancy?

7. What barriers (if any) did you experience during your pregnancy & post birth in regard to hepatitis B?

- What challenges? (e.g. language, travel/distance? Prejudice/discrimination/stigma? Etc)
- Can you suggest how these could be improved?

8. Enablers: What did you find helpful?

Probe:

- E.g. Health care providers (Dr, midwife, etc)?
- Interpreter?
- Resources?