

Magnetic resonance imaging to enhance the diagnosis of fetal developmental brain abnormalities in utero (MERIDIAN).

Health professional interview

Topic Guide, 22 Dec 2010, Version 1.0 – Form R

- Interviewer outlines the purpose of the interview and explains that the participant will receive a copy of the interview transcript and a summary of the results if they would wish to have one.
- Explain use of the audio recorder – the interview is being audio recorded to provide an accurate account of what the participant has said.
- Explain that interviews will be anonymised when they are typed up prior to analysis (i.e. names and any other information that could identify them) are taken out and replaced with pseudonyms or anonymous identifiers.
- Assure confidentiality
- Asks whether they have any more questions about study?
- Go through and sign consent form.

The semi-structured interview approach adopted in this study focuses on encouraging the participant to explain the issues that they feel are relevant in an order that makes most sense to them. Apart from the introduction and conclusion, the questions listed below therefore act as an aide memoire rather than a definitive list of questions that are asked in a particular order.

Introduction

1. How long have you worked in your clinical specialty?
 - How long have you been in your current post?
 - What made you choose this area of practice?
2. How long have you been involved in this particular research project on fetal MRI?
 - How did they become involved
 - Experience of research more generally?
 - Comments on how they experience working with the requirements of clinical research

Views on fetal diagnosis

3. How does your work contribute to diagnosis of fetal anomalies?
 - How do you think this practice is perceived by wider society?
 - How do you think this practice is perceived by other health professionals?
 - How do you think this practice is perceived by parents / patients?

Practices related to diagnosis of fetal brain anomalies using MRI

4. Do you have any views about the use of MRI in an NHS context?
5. Do you have any views about the ways in which MRI use has changed as the technology has developed?
6. Can you describe for me the process by which a fetal MRI might contribute to a diagnosis and prognosis?
 - Is there a specific case/s that stands out in your memory?
 - Are there any cases where you have experienced problems?
 - Are there any cases where you might expect to experience problems?
 - Do you review the MRI information and images with the patient?
 - If so, how do you find this?
 - If your patients have to travel to another hospital for MRI, does this have any bearing on the process?

Views on using research to inform practice

7. Are you getting any useful information from the study so far?
 - If so, what sort of information has been useful?
 - If not, why not?
8. How do you think the findings from this study could be used to inform policy development in the use of MRI in fetal diagnosis?
 - Ask about own unit experiences
 - Ask about views on national or regional perspectives
9. Are there any factors that might help make policy development more effective?
10. Are there any factors that make it difficult to take these findings and develop better services / policies?
11. Is there any aspect of the care or management of babies undergoing fetal diagnosis with MRI which could in your view be improved?

End of interview

- I have reached the end of my questions. Is there anything else you would like to add?
- How did you feel about the interview?
- Are there any questions you would like to ask me about the study?
- Thank them for giving up their time.
- Ask them if they still agree for the interview to be analysed.
- Ask them if they would like a copy of the transcript.
- Ask them whether they would like a summary of the findings at the end of the study.

Magnetic resonance imaging to enhance the diagnosis of fetal developmental brain abnormalities in utero (MERIDIAN).

Participant interview (+ parent / friend/relative)

Topic Guide, 25 May 2011, Version 2.0 – Form O

- Interviewer extends a special thanks to participants for agreeing to take part in the research. Explains that one of the aims of the study is for the views and experiences of people who receive care to inform practice in health care provision
- Make the point that they don't have to answer all questions.
- Interviewer introduces herself, outlines the study and explains that they will receive a summary of the results if they would wish to have one

Explain use of the audio recorder – the interview is being audio recorded so I have an accurate account of what participant has said and so the researcher doesn't have to take handwritten notes. Interviews will be anonymised when they are typed up prior to analysis (i.e. their names and any other information that could identify them) are taken out.

- Assure confidentiality. No information will be given to your GP without permission.
- Ask whether they have any more questions about study?
- Ask to sign consent form.
- Explain that the interview can be ended or postponed at anytime. This will not affect their care in anyway.

Introduction

1. Can you tell me a little about yourself – how old are you, how do you spend your time on a normal day?
2. How long has it been since (outcome of pregnancy) happened ?
3. Can you tell me about what happened when you first found out there might be a problem with your pregnancy?

(prompt to encourage participant to develop own narrative account of their 'story')

Key Topics to prompt on if not emerging spontaneously from the emerging narrative

(i) Feelings

How did you feel when you found out that your baby may have a problem ?
How did you feel about having the MRI scan ?
How did the final diagnosis happen ?
How did you feel about your decision about what to do next ?
How do you feel about your experiences now ?

(ii) The people around you

What did you tell people about what happened ?
Did the people you told seem to understand how you were feeling ?
Did you get much information / support from your family and friends ?
Did you get any information / support from anyone else

- internet
- each other (if in a couple)
- formal support e.g. counsellors
- health care team
- family/friends/each other/ internet sources

(iii) how did this experience compare with

- other experiences of care in pregnancy (if appropriate)
- other experiences of receiving health care

(iv) prompt re:

- comparison between ultrasound and MRI scanning
- experiences of travel to specialist MRI scanning centre (if appropriate)

(v) Was there anything about your experience that was handled particularly well ?

(vi) was there anything about your experience that could have been improved ?

End of interview

- I have reached the end of my questions. Is there anything else you would like to add?
- How did you feel about the interview?
- Are there any questions you would like to ask me about the study?

- Thank them for giving up their time and supporting the study.
- Ask if they still agree for the interview to be analysed.
- Ask if they would like to receive a copy of the transcript of the interview.
- Ask whether they would like a summary of the findings at the end of the study.