

A Study on Acceptability of New Protein Self Test for Early Detection of Pre-eclampsia

Outcome of Focus Group Discussion (FGD) with pregnant women on 22 August 2011 at KZH)

Today's discussion entry point was the local big festivals. Once they get into it and start open discussion slowly discussion geared into the subject matter. During the initial discussion one of the PW was found as PE/E case in her previous pregnancy, who had loose her baby (still birth) but she was survived by good care at KZH. Her presence and her sharing of personal experience make the discussion so live.

Information on past experience of Urine test

1. Most of the participant had experience of urine test in past. Most of them had tested for pregnancy confirmation. They had experience of further urine testing; they were not sure why their urine being tested, during the further asking the reason explored as they never been clearly explained why they asked to test there urine .

Experience and and compliance using self test kit

Today they were offered to use the new self urine test kit by clinic nurse with clear explanation on what is it for and how to use it. Using it was not difficult task, most of them feared that the urine may contaminate the hand but none of them experience voiding on hand.

During the above conversation, one of the participant admit that she pee on her hand and pore the urine in the yellow spot. In further exploration she explained, "there is no way I can pee in the exact point with my big belly and urinating in sitting position. It is my hand which I washed with shop and water after showing strip to research assistance.

On their opinion FCHV (with clear explanation with new test) will be the best person to reach to PW in community. Other health personnel also can provide it to the PW.

2. All of them were clear about the purpose of new test, instruction was clear.
3. Almost all says the new test was easy enough to do the self test, and they like it because they think it is simple, instruction is clear and more important thing is they themselves instantly can see the result. If they get chance to repeat the test again all express their willingness to repeat it and all of them agreed to share the information to other PW for this.
4. All were able to detect the color change/ read the color after self test.
5. No specific challenges they faced related to the self test today except

- a. The paper is very thin, which make it slippery
- b. Not so easy with the outfit (kurtaa surbal), PW with saree says it was easier for her outfit.
- c. Family will be supportive for self test at home, the reason for it was the time is changed and almost all follow the instruction of health workers
- d. Regarding the discussion on whether this test will possible to do in community, they express as most of the houses now have toilet so it will not difficult. They further express even there is no toilet women void urine and self test is related to this process so it will be done.

Information on PE/E and its detection using self test strip

- a. everyone heard about PE/E (locally called *chamkei*)
- b. They think that such test need to repeatedly use to detect such condition
- c. All of them expressed their interest to use the similar test in future of this pregnancy, willing to repeat again if they were pregnant again
- d. There will not be any problem to store it if given to take home. Plastic bag or flat bottle (like box) will make it easy to store
- e. Approx repeat testing time with instruction will be sufficient reminder for repeat test at home.

Recommendation

- f. a. Making the holding part tough will help to hold the strip in hand firmly

Post FGD comment of participant: she left the FGD room smiling and one of our RA (Interviewer) asked why she is smiling? And further prove is the tea served was so good? And the women responded conversation and FGD was so live. Just she was thinking about the points discussed.