

Supplementary Table 1: The benefits with Moyo FHRM versus Doppler.

	Moyo FHRM	Doppler
Time management, human resources		
Time it takes to locate the FHR	Easy to locate the FHR without knowing the baby's position.	Need to know the baby's position
Continuous monitoring possibility	Yes, time saving because staff do not need to stand next to the patient.	Not possible
Situation analyses		
Identifying an abnormal situation	The colors on the monitor of normal/ abnormal/pathological situations help staff.	Staff need to know what is normal/ suspicious pathological.
Ensuring that the findings are correct	Possibility to monitor the mother's and baby's FHR at the same time helps to confirm that the findings are correct.	Needs to be done manually by palpating the mother's pulse while monitoring.
Alarms	Yes, good wake-up calls in the busy department	Not available
Intervention and follow up	Continuous monitoring possibility makes it easier to follow up the effect of an intervention/action (for example a change in the woman's position)	Possible to follow up, but the staff needs to stand next to the patient all the time.
Interpretation of the FHR	Doctors are able to evaluate the situation by seeing the history of FHR in a curve over a longer time.	The doctor's interpretation of the situation relies very much on the nurse's skills, knowledge, and documentation during the labor.
Communication with the doctors and other staff members	The continuous monitoring possibility makes it easier for the staff to give an accurate picture of the situation to the doctors when calling them.	The doctors have to rely on the nurse's findings.
Technical details		
Monitor	Possibility to charge	Batteries
Mobility of the mother	Able to be active under continuous monitoring	Able to be active only when FHR is not monitored.
Sound	Different sounds with different alarms. Mother is able to hear the FHRM.	Mother is able to hear the FHR, when doppler is used.
Other needs	Water can be used, during intermittent FHRM. Ultrasound gel needed during continuous monitoring due to hot climate.	Ultrasound or alternative gel is needed.
User perspective		
Follow up on the FHR during labor	Mother is able to hear FHR continuously.	Mother is able to hear FHR for a short time, when monitor is used.