

1: Items of the questionnaire addressing telemedicine

No	item
Q1	Date of birth
Q2	Expected due date of pregnancy
Q3	What is your highest educational degree? Quit school Hauptschulabschluss (Nine years of schooling) Realschulabschluss (Ten years of schooling) Abitur (thirteen years of schooling) University degree
Q4	Marital status married, living with spouse married, separated from spouse single without children single with children widowed
Q5	Employment status Full time (>35 hours/week) Part time (15-34 hours/week) By the hour (1-14 hours/week) Educational training (student) Housewife Unemployed Leave of absence (i.e. maternity leave)
Q6	Healthcare plan Public healthcare Private healthcare

	Public family healthcare Supplementary insurance
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	If I had the opportunity to monitor my unborn child at home...
Q7I would regard this as an alternative to reduce scheduled obligatory visits to an obstetric care department. (Likert-Scale)
Q8	.....I would regard this as an alternative to urgent consultation, if I sense less fetal movements. (Likert-Scale)
Q9	.....I can't imagine using such devices: I always prefer face-to-face contact with my healthcare provider. (Likert-Scale)
Q10	.....and get feedback from a midwife/nurse/obstetrician, I would regard this as an alternative to reduce scheduled obligatory visits in obstetrics. (dichotomic)
Q11	.....and get feedback from a midwife/nurse/obstetrician, I would regard this as an alternative to urgent consultation if I sense less fetal movements. (dichotomic)
Q12	.....and get feedback from a midwife/nurse/obstetrician, I can't imagine using such devices and would always prefer primary contact to my doctor or midwife. (dichotomic)
Q13	.....my emergency visits would decrease. (Likert-Scale)
Q14	.....using a mobile device (medical device plus application) and consulting doctors online, I think I cannot imagine such developments. (Likert-Scale)
	If there was the opportunity to monitor my pregnancy home, using a mobile device (medical device plus application), and consulting doctors online, I think: ...
Q15	.....A CTG with a doctor appears safer to me. (Likert-Scale)
Q16	.....I feel uncertain with the usage of such technology. (Likert-Scale)
Q17	.....I could envision such technology. (Likert-Scale)
Q18	.....I would definitely use such technology. (Likert-Scale)
Q19	How frequent would you apply such a device if it was home based? ideally all the time several times a day once a day 1-4x per week less often

Q20	<p>How detailed should the provided information be?</p> <p>simple output such as “everything ok” vs “physician consultation recommended”</p> <p>grading with details specifying situation of the baby</p> <p>as much information as possible</p>
Q21	<p>What features of a likewise device would be of special importance to you? (multiple answers allowed)</p> <p>hearing my baby’s heartbeat</p> <p>possibility to switch the audio of my baby’s heartbeat on or off</p> <p>wearing comfort</p> <p>secure positioning</p> <p>discrete appearance of device</p> <p>different color options of device</p> <p>independent dressing possible</p> <p>recording in different body positions possible</p> <p>recommendation by my physician</p> <p>feedback by a physician about proper application</p>

