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# Development and feasibility of a wearable infant wrist band for the objective measurement of physical activity using accelerometery

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## Appendix 1: Feasibility Questionnaire

1. How **comfortable** do you think the band was for your baby? (Tick the box that applies)

| Very comfortable | Comfortable | It was fine/ don't know | A little bit uncomfortable | Very uncomfortable |
|---|---|---|---|---|
| | | | | |

2. Were you happy with the **safety** of the device and the band? (Tick the box that applies)

| I was very happy | I was mostly happy | It was fine/ don't know | I was a little bit worried | I was very worried and would not use it again |
|---|---|---|---|---|
| | | | | |

3. If you had to choose any **colour** for the band what would your preference be? (Tick all those that apply)

- Black
- Blue
- Red
- Green
- White
- Pink
- Other_____(describe)
- I don't really mind

4. Is there any **colour** you do not like for the band? (Tick all those that apply)

- Black
- Blue
- Red
- Green
- White
- Pink
- Other_____(describe)
- I don't really mind

5. How did you find the closing buttons of the band? (Tick all those that apply)

- It was easy to close
- It was not easy to close
- The band provided secure and safe attachment of the device
- I was worried my baby would be able to unbutton it
- I don't really mind
- Other_____(explain)

6. How did you find the fabric material of the band? (Tick all those that apply)

- It was comfortable
- It was uncomfortable
- The band dried quickly when it had become wet
- The band took long to dry when it had become wet
- The band started smelling after a few days
- Other_____(explain)

7. How quickly did the band dry if it got wet? (Tick the box that applies)

| Very quickly | Quickly | Neither quick nor slowly | Slowly | Very slowly |
|---|---|---|---|---|
| | | | | |

8. Did you feel that the band attracted too much attention from other people? (If yes, please comment)

- Yes _____(Comment)
- No

9. How did your baby react to the band? (Tick all those that apply)

- My baby did not behave any differently
- My baby was curious about the device
- My baby ignored the device
- My baby wanted to take the device off
- My baby got used to the device quickly
- My baby took a long time to get used to the device
- No reaction
- Other_____(explain)