Cycle tracking apps: A combined medical and data privacy scoring

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**Table** Developed scoring system for the medical domain. Source is either the questionnaire by Freis et al (F) or the App Check project (ACP).

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| --- | --- | --- | --- |
| **Number** | **Criteria** | **Options and points (P)** | **Source** |
| 1 | Which algorithm is used to determine the fertile window? | 3P: Symptothermal method  2P: Cervical mucus method  1P: Classical calendar method  0P: Calculations (insufficient)  0P: Unknown | F |
| 2 | Considering an estrogen parameter and/or LH to determine the fertile window | 5P: Cervical mucus  3P: Cervical autopalpation  0P: No | F |
| 3 | Considering a progesterone parameter to determine the fertile window | 3P: Basal body temperature (BBT) using Holt rule  1P: BBT  0P: No | F |
| 4 | Are there clinal trials regarding the app? | 3P: Yes  0P: No | F, ACP |
| 5 | Who conducted the study? | 4P: Independent institution  1P: Manufacturer  0P: No studie | F |
| 6 | Does the app offer educational resources? | 3P: Studies  1P: Websites and Forums  0P: No | ACP |
| 7 | Is there any qualified counseling? | 3P: Yes  1P: Fair instructions in the app  0P: No | F |

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