Multimedia Appendix: example of full search strategy for the Medline database

This is a Multimedia Appendix to a full manuscript published in the J Med Internet Res. For full copyright and citation information see http://dx.doi.org/10.2196/jmir.23687

| # | Searches                                                                 |
|---|--------------------------------------------------------------------------|
| 1 | exp Diabetes Mellitus, Type 2/                                          |
| 2 | ((type 2 or type ii or non-insulin dependent or non-insulin dependent or mature onset or adult onset) adj3 diabet*,ti,ab. |
| 3 | *Diabetes mellitus/                                                     |
| 4 | diabet*,ti.                                                             |
| 5 | 2 or 3 or 4 or 5                                                        |
| 6 | exp Telemedicine/                                                        |
| 7 | electronic mail/ or exp telephone/ or videoconferencing/               |
| 8 | exp Computers, Handheld/                                                |
| 9 | exp Internet/                                                           |
| 10| Software/ or Mobile Applications/                                       |
| 11| Wearable Electronic Devices/                                            |
| 12| (tele-med* or tele-health* or tele-monitor* or tele-care or tele-rehab* or tele-conferen* or tele-consult* or teledem* or telehealth* or telemonitor* or telecare or teledh* or teleconfer* or teleconsult* or mhealth or m-health or mobile health or digital health or ehealth or e-health).ti,ab. |
| 13| ((internet* or digital* or electronic or web* or online* or internet or video* or telephone* or phone* or cellphone*) adj5 (monitor* or conferen* or consult* or rehab*).ti,ab. |
| 14| ((internet* or digital* or electronic or web* or online* or internet or video* or telephone* or phone* or cellphone*) adj intervention?).ti,ab. |
| 15| ((internet* or web*) adj based).ti,ab.                                   |
| 16| ((remote or distant*) adj3 (monitor* or conferen* or consult* or rehab*).ti,ab. |
| 17| (internet* or digital* or electronic or web* or online* or internet or video* or telephone* or phone*).ti. |
| 18| (((mobile or online or cellphone? or phone? or tablet? or digital or electronic or web*) adj2 (application? or device?) or app or apps)).ti,ab. |
| 19| (textmessage* or text messag* or sms or cellphone* or cell phone* or mobile phone* or smartphone* or smart phone* or iphone* or i-phone* or ((tablet or handheld or hand-held) adj3 (device? or computer?) or ipad* or i-pad*).ti,ab. |
| 20| (wearable? adj3 (devic? or technolog* or monitor*).ti,ab.              |
| 21| wearable.ti. or wearables.ti,ab.                                       |
| 22| (smart-watch* or smart-monitor* or smart-track* or smart-phone? or smart-mobile? or smart-home? or smartwatch* or smartmonitor* or smarttrack* or smartphone? or smartmobile? or smarthome?).ti,ab. |
| 23| 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 |
| 24| 6 and 24                                                               |
| 25| exp animals/ not humans.sh.                                             |
| 26| (comment or editorial or letter or news or review or case report).pt.   |
| 27| 26 or 27                                                               |
| 28| 25 not 28                                                              |
| 29| (systematic review or meta analysis).pt.                               |
| 30| (MEDLINE or search* or meta-analysis or (systematic and (review or overview))).tw. |
| 31| (evidence synthesis or realist synthesis or realist review).ti,ab.      |
| 32| (Qualitative and synthesis).ti,ab.                                     |
| 33| (meta-synthesis* or metasynthesis).ti,ab.                              |
| 34| (meta-ethnograph* or metaethnograph*).ti,ab.                          |
| 35| (meta-study or metastudy).ti,ab.                                       |
| 36| 30 or 31 or 32 or 33 or 34 or 35 or 36                                  |
| 37| 29 and 37                                                              |
| 38| limit 38 to (english language and yr="2000 -Current")                 |