

Supplementary Appendix 1. Complete search strategy

SEARCH NUMBER TERMS AND COMBINATIONS

POPULATION	
1	“Nurses”[MeSH]
2	Nurse
3	Nurs*
4	“Personnel*, Nursing”
5	“Nursing Personnel*”
6	“Registered Nurs*”
7	“Nurs*, Registered”
8	“Nurs*, Registered”
9	“Registered Nurs*”

10	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9
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CONCEPT	
11	technolog* AND understand*
12	technolog* AND competenc*
13	technolog* AND comprehen*
14	technolog* AND know*
15	technolog* AND percept*
16	technolog* AND master*
17	technolog* AND literac*
18	technolog* AND skill*
19	technolog* AND train*
20	technolog* AND aware*
21	technolog* AND attitude*
22	technolog* AND demand*
23	technolog* AND anx*
24	technolog* AND adopt*
25	technolog* AND affect*

26	technolog* AND usage*
27	technolog* AND useful*
28	technolog* AND intent*
29	technolog* AND “self-efficacy”
30	technolog* AND “gender differen*”
31	informatic* AND understand*
32	informatic* AND competenc*
33	informatic* AND comprehen*
34	informatic* AND know*
35	informatic* AND percept*
36	informatic* AND master*
37	informatic* AND literac*
38	informatic* AND skill*
39	informatic* AND train*
40	informatic* AND aware*
41	informatic* AND attitude*
42	informatic* AND demand*
43	informatic* AND anx*
44	informatic* AND adopt*
45	informatic* AND affect*
46	informatic* AND usage*
47	informatic* AND useful*
48	informatic* AND intent*
49	informatic* AND “self-efficacy”
50	informatic* AND “gender differen*”
51	comput* AND understand*
52	comput* AND competenc*
53	comput* AND comprehen*
54	comput* AND know*
55	comput* AND percept*
56	comput* AND master*

57	comput* AND literac*
58	comput* AND skill*
59	comput* AND train*
60	comput* AND aware*
61	comput* AND attitude*
62	comput* AND demand*
63	comput* AND anx*
64	comput* AND adopt*
65	comput* AND affect*
66	comput* AND usage*
67	comput* AND useful*
68	comput* AND intent*
69	comput* AND “self-efficacy”
70	comput* AND “gender differen*”
71	digital* AND understand*
72	digital* AND competenc*
73	digital* AND comprehen*
74	digital* AND know*
75	digital* AND percept*
76	digital* AND master*
77	digital* AND literac*
78	digital* AND skill*
79	digital* AND train*
80	digital* AND aware*
81	digital* AND attitude*
82	digital* AND demand*
83	digital* AND anx*
84	digital* AND adopt*
85	digital* AND affect*
86	digital* AND usage*
87	digital* AND useful*

88	digital* AND intent*
89	digital* AND “self-efficacy”
90	digital* AND “gender differen*”
91	“social medi*” AND understand*
92	“social medi*” AND competenc*
93	“social medi*” AND comprehen*
94	“social medi*” AND know*
95	“social medi*” AND percept*
96	“social medi*” AND master*
97	“social medi*” AND literac*
98	“social medi*” AND skill*
99	“social medi*” AND train*
100	“social medi*” AND aware*
101	“social medi*” AND attitude*
102	“social medi*” AND demand*
103	“social medi*” AND anx*
104	“social medi*” AND adopt*
105	“social medi*” AND affect*
106	“social medi*” AND usage*
107	“social medi*” AND useful*
108	“social medi*” AND intent*
109	“social medi*” AND “self-efficacy”
110	“social medi*” AND “gender differen*”
111	smartphone* AND understand*
112	smartphone* AND competenc*
113	smartphone* AND comprehen*
114	smartphone* AND know*
115	smartphone* AND percept*
116	smartphone* AND master*
117	smartphone* AND literac*
118	smartphone* AND skill*

119	smartphone* AND train*
120	smartphone* AND aware*
121	smartphone* AND attitude*
122	smartphone* AND demand*
123	smartphone* AND anx*
124	smartphone* AND adopt*
125	smartphone* AND affect*
126	smartphone* AND usage*
127	smartphone* AND useful*
128	smartphone* AND intent*
129	smartphone* AND “self-efficacy”
130	smartphone* AND “gender differen**”
131	internet AND understand*
132	internet AND competenc*
133	internet AND comprehen*
134	internet AND know*
135	internet AND percept*
136	internet AND master*
137	internet AND literac*
138	internet AND skill*
139	internet AND train*
140	internet AND aware*
141	internet AND attitude*
142	internet AND demand*
143	internet AND anx*
144	internet AND adopt*
145	internet AND affect*
146	internet AND usage*
147	internet AND useful*
148	internet AND intent*
149	internet AND “self-efficacy”

150	internet AND “gender differen*”
151	wearable* AND understand*
152	wearable* AND competenc*
153	wearable* AND comprehen*
154	wearable* AND know*
155	wearable* AND percept*
156	wearable* AND master*
157	wearable* AND literac*
158	wearable* AND skill*
159	wearable* AND train*
160	wearable* AND aware*
161	wearable* AND attitude*
162	wearable* AND demand*
163	wearable* AND anx*
164	wearable* AND adopt*
165	wearable* AND affect*
166	wearable* AND usage*
167	wearable* AND useful*
168	wearable* AND intent*
169	wearable* AND “self-efficacy”
170	wearable* AND “gender differen*”

171	#11 OR #12 OR #13 [...] OR #168 OR #169 OR #170
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CONTEXT	
172	“Health Facilities”[MeSH]
173	“Facilit*, Health”
174	“Health Facilit*”
175	“Health Services”[MeSH]
176	“Health Servic*”
177	“Servic*, Health”

178	#172 OR #173 OR #174 OR #175 OR #176 OR #177
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FINAL QUERY	#10 AND #171 AND #178
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