

## Appendix: Search strategies

### SCOPUS

TITLE-ABS-KEY ( ( ( ( patient\* OR outpatient\* OR ambulant OR ambulatory ) W/3 monitor\* ) OR self-monitor\* ) AND ( ( ( cell OR cellular OR mobile OR smart ) W/3 phone ) OR ( smartphone\* OR iphone\* ) OR ( ( telemedicine OR ehealth OR mhealth OR telematic ) AND mobile ) ) )

### Medline (Ovid interface)

- 1 monitoring, ambulatory/
- 2 ((patient\* or outpatient\* or ambulant or ambulatory) adj3 monitor\*).ti,ab.
- 3 self-monitor\*.ti,ab.
- 4 1 or 2 or 3
- 5 exp cell phones/
- 6 ((cell or cellular or mobile or smart) adj3 phone).ti,ab.
- 7 (smartphone\* or iPhone\*).ti,ab.
- 8 or/5-7
- 9 exp telemedicine/ or exp telemetry/
- 10 (telemedicine or ehealth or mhealth or telematic).ti,ab.
- 11 9 or 10
- 12 mobile.ti,ab.
- 13 11 and 12
- 14 8 or 13
- 15 4 and 14

### Business Source Premier

- S1 ( (patient OR outpatient OR ambulant OR ambulatory) N3 monitoring) OR selfmonitoring
- S2 ( ((cell or cellular or mobile or smart) N3 phone) ) OR ( (smartphone\* or iPhone\*) ) OR ( (telemedicine or ehealth or mhealth or telematic) AND mobile) )
- S3 S1 AND S2

### Science Citation Index

- 1 TS=(((patient\* or outpatient\* or ambulant or ambulatory) NEAR/3 monitor\*) OR self-monitor\*)
- 2 TS=( ((cell or cellular or mobile or smart) NEAR/3 phone) OR (smartphone\* or iPhone\*) OR ( (telemedicine or ehealth or mhealth or telematic) AND mobile))
- 3 #2 AND #1
- 4 PUBLICATION NAME: (JMIR MHEALTH "AND" UHEALTH OR JMIR MEDICAL INFORMATICS)
- 5 #4 AND #3
- 6 #2 AND #1 Refined by: RESEARCH AREAS: ( MEDICAL INFORMATICS )
- 7 #6 AND #5
- 8 #6 OR #5