

mHealth and secondary stroke prevention

mHealth Concept: included in search

mHealth

mobile health

telehealth

telemedicine

eHealth

mobile app*

smartphone app*

phone app*

“Mobile Applications”[Mesh] “Telemedicine”[Mesh]

“Smartphone”[Mesh]

“Cell Phone”[Mesh]

Secondary stroke concept: included in search

secondary stroke *

recurrent stroke*

recurring stroke*

stroke recurrence

secondary prevention adj3 stroke

“Stroke Rehabilitation”[Mesh]

(“Secondary Prevention”[Mesh] AND “Stroke”[Mesh])

Search Strategies

Run in Ovid Medline, Cochrane Library, Scopus and CINAHL

Total results: 481

Duplicates found in Endnote: 129

Results after deduplication: 352

Ovid Medline

Run 11/19/2020

Results 312

	Searches	Results
1	mHealth.mp.	5,015
2	mobile health.mp.	8,161
3	telehealth.mp.	5,411
4	telemedicine.mp.	30,363
5	eHealth.mp.	4,107
6	mobile app*.mp.	9,726
7	smartphone app*.mp.	3,358
8	phone app*.mp.	1,138
9	exp Mobile Applications/	6,529
10	exp Telemedicine/	30,836
11	exp Cell Phone/	11,043
12	exp Smartphone/	4,093
13	or/1-12	64,734
14	secondary stroke*.mp.	1,198
15	recurrent stroke*.mp.	3,598
16	recurring stroke*.mp.	21
17	stroke recurrence.mp.	1,573
18	(secondary prevention adj3 stroke).mp.	1,158
19	exp Secondary Prevention/	20,707
20	exp Stroke/	137,964
21	19 and 20	2,028
22	exp Stroke Rehabilitation/	13,666
23	or/14-18,21-22	20,776
24	13 and 23	312

Cochrane Library
Run 11/19/2020
Results 84

ID Search Hits

1 (mHealth):ti,ab,kw 1190
2 (“mobile health”):ti,ab,kw 1109
3 (telehealth):ti,ab,kw 1706
4 (telemedicine):ti,ab,kw 3683
5 (eHealth):ti,ab,kw 919
6 (“mobile app*”):ti,ab,kw 692
7 (“smartphone app*”):ti,ab,kw 610
8 (“phone app*”):ti,ab,kw 197
9 MeSH descriptor: [Mobile Applications] explode all trees 640
10 MeSH descriptor: [Telemedicine] explode all trees 2547
11 MeSH descriptor: [Cell Phone] explode all trees 1354
12 MeSH descriptor: [Smartphone] explode all trees 397
13 #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 9782
14 (“secondary stroke*”):ti,ab,kw 363
15 (“recurrent stroke*”):ti,ab,kw 1030
16 (“recurring stroke*”):ti,ab,kw 4
17 (“stroke recurrence”):ti,ab,kw 377
18 (“secondary prevention” NEAR/3 stroke):ti,ab,kw 418
19 MeSH descriptor: [Secondary Prevention] explode all trees 3156
20 MeSH descriptor: [Stroke] explode all trees 9802
21 #19 AND #20 331
22 MeSH descriptor: [Stroke Rehabilitation] explode all trees 2442
23 #14 OR #15 OR #16 OR #17 OR #18 OR #21 OR #22 4379
24 #13 AND #23 84

Scopus

Run 11/19/2020
Results 60

((TITLE-ABS-KEY (mhealth) OR TITLE-ABS-KEY (“mobile health”) OR TITLE-ABS-KEY (telehealth) OR TITLE-ABS-KEY (telemedicine) OR TITLE-ABS-KEY (ehealth) OR TITLE-ABS-KEY (“mobile app*”) OR TITLE-ABS-KEY (“smartphone app*”) OR TITLE-ABS-KEY (“phone app*”))) AND ((TITLE-ABS-KEY (“secondary stroke*”) OR TITLE-ABS-KEY (“recurrent stroke*”) OR TITLE-ABS-KEY (“recurring stroke*”) OR TITLE-ABS-KEY (“stroke recurrence”) OR TITLE-ABS-KEY (“secondary prevention” W/3 stroke)))

CINAHL

Run 11/20/2020

Results 25

Search ID #	Search Terms	Results
S23	S13 AND S22	25
S22	S14 OR S15 OR S16 OR S17 OR S18 OR S21	3,860
S21	S19 AND S20	2,202
S20	(MH "Stroke+")	71,107
S19	(MH "Recurrence+")	49,011
S18	("secondary prevention" N3 stroke)	513
S17	"stroke recurrence"	623
S16	"recurring stroke**"	6
S15	"recurrent stroke**"	1,517
S14	"secondary stroke**"	525
S13	(S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12)	42,070
S12	(MH "Smartphone+")	2,852
S11	(MH "Cellular Phone")	1,932
S10	(MH "Telemedicine+")	14,756
S9	(MH "Mobile Applications+")	8,039
S8	"phone app**"	593
S7	"smartphone app**"	1,846
S6	"mobile app**"	9,386
S5	eHealth	16,387
S4	telemedicine	19,544
S3	telehealth	19,486
S2	"mobile health"	18,035
S1	mHealth	15,836