

Supplemental Appendix 1: Search strategies

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Search strategies peer reviewed by: Elisabet Hafstad

Database	Number of hits
Embase <1974 to 2021 August 20> (OVID)	266
Ovid MEDLINE(R) ALL <1946 to August 20, 2021>	231
Cochrane Library of Systematic Reviews (Cochrane Library; Wiley)	0
CENTRAL(Cochrane Library; Wiley)	34
CINAHL (EBSCO)	43
Total number of references	574
Total after duplicate removal	451

Database: Embase**Search interface: Advanced Search**

- 1 exp telehealth/ 60896
- 2 exp telecommunication/ 87729
- 3 exp health care delivery/ 3564027
- 4 2 and 3 65304
- 5 (telecare* or teleconsult* or telefollow* or telehealth* or telehome* or telemanag* or telemedicine or telemonitor* or telenurs* or telepatient* or telesupport*).ti,ab,kw,bt. 33953
- 6 ((tele or telemedical* or tele medical*) adj (care* or checkup* or check up* or consult* or followup* or follow up* or health* or home* or manag* or medicine* or monitor* or nurs* or patient* or support*)).ti,ab,kw,bt. 1853
- 7 (ecare or econsult* or ehealth or emedicine* or enurs* or mcare or mconsult* or mhealth or mnurse or mcare or mnursing or mconsult* or mnurs*).ti,ab,kw,bt. 10706
- 8 ((e or m or mobile or digital) adj (care or consult* or health* or nurs*)).ti,ab,kw,bt. 15428
- 9 (remote adj2 (care* or checkup* or check up* or consult* or followup* or follow up* or health* or home* or manag* or medicine* or monitor* or nursing or patient* or self)).ti,ab,kw,bt. 12293
- 10 1 or 4 or 5 or 6 or 7 or 8 or 9 92070
- 11 hemodialysis/ 115843
- 12 exp peritoneal dialysis/ 44307
- 13 home dialysis/ 2966
- 14 (((dialysis or hemodialysis or haemodialysis) adj4 home?) or peritoneal dialysis).ti,ab,kw,bt. 37655

15	(CAPD or APD or HHD).ti.	3524
16	or/11-15	151629
17	10 and 16	534
18	limit 17 to yr=2000-current	516
19	(exp animals/ or exp invertebrate/ or animal experiment/ or animal model/ or animal tissue/ or animal cell/ or nonhuman/) not (human/ or normal human/ or human cell/)	6724645
20	editorial.pt.	699530
21	18 not (19 or 20)	494
22	limit 21 to embase	270
23	remove duplicates from 22	266

Database: OVID MEDLINE**Search interface: Advanced Search**

1	Telemedicine/	29751
2	Telenursing/	232
3	Remote Consultation/	5273
4	or/1-3	34165
5	exp Telecommunications/	108428
6	(care or healthcare).hw.	1324775
7	5 and 6	19771
8	4 or 7	42042
9	(telecare* or teleconsult* or telefollow* or telehealth* or telehome* or telemanag* or telemedicine or telemonitor* or telenurs* or telepatient* or telesupport*).ti,ab,kf,bt.	26067
10	((tele or telemedical* or tele medical*) adj (care* or checkup* or check up* or consult* or followup* or follow up* or health* or home* or manag* or medicine* or monitor* or nurs* or patient* or support*)).ti,ab,kf,bt.	1020
11	(ecare or econsult* or ehealth or emedicine* or enurs* or mcare or mconsult* or mhealth or mnurse or mcare or mnursing or mconsult* or mnurs*).ti,ab,kf,bt.	10618
12	((e or m or mobile or digital) adj (care or consult* or health* or nurs*)).ti,ab,kf,bt.	13372
13	(remote adj2 (care* or checkup* or check up* or consult* or followup* or follow up* or health* or home* or manag* or medicine* or monitor* or nursing or patient* or self)).ti,ab,kf,bt.	8231
14	or/8-13	69186

15	Renal Dialysis/	94819	
16	Hemodialysis, Home/	2013	
17	exp Peritoneal Dialysis/	26840	
18	((dialysis or hemodialysis or haemodialysis) adj4 home?) or peritoneal dialysis).ti,ab,kf,bt.	28202	
19	(CAPD or APD or HHD).ti.	2685	
20	or/15-19	121750	
21	14 and 20	271	
22	limit 21 to yr=2000-current	243	
23	exp animals/ not humans/	4877030	
24	(news or editorial or comment).pt.	1512750	
25	22 not (23 or 24)	231	
26	remove duplicates from 25	231	

Database: Cochrane Database of Systematic Review & CENTRAL

Search interface: Advanced Search > Search Manager

ID	Search Hits	
#1	[mh ^telemedicine]	2414
#2	[mh ^telenursing]	31
#3	[mh ^"remote consultation"]	381
#4	#1 or #2 or #3	2777
#5	[mh telecommunications]	7362
#6	[mh ^"delivery of health care"]	806
#7	[mh ^"health services"]	458
#8	#5 and (#6 or #7)	139
#9	#4 or #8	2838
#10	(telecare* or teleconsult* or telefollow* or telehealth* or telehome* or telemanag* or telemedicine or telemonitor* or telenurs* or telepatient* or telesupport*):ti,ab,kw	7370
#11	((tele or telemedical* or tele-medical*) NEXT (care* or checkup* or check-up* or consult* or followup* or follow-up* or health* or home* or manag* or medicine* or monitor* or nurs* or patient* or support*)):ti,ab,kw	446

- #12 (ecare or econsult* or ehealth or emedicine* or enurs* or mcare or mconsult* or mhealth or mnurse or mcare or mnursing or mconsult* or mnurs*):ti,ab,kw 2547
- #13 ((e or m or mobile or digital) NEXT (care or consult* or health* or nurs*)):ti,ab,kw 3725
- #14 (remote NEAR/2 (care* or checkup* or check-up* or consult* or followup* or follow-up* or health* or home* or manag* or medicine* or monitor* or nursing or patient* or self)):ti,ab,kw 1743
- #15 {or #9-#14} 11340
- #16 [mh ^"Renal Dialysis"] 4322
- #17 [mh ^"hemodialysis, home"] 43
- #18 [mh "Peritoneal Dialysis"] 900
- #19 (((dialysis or hemodialysis or haemodialysis) NEAR/4 home?) or "peritoneal dialysis"):ti,ab,kw 2491
- #20 (CAPD or APD or HHD):ti 409
- #21 {or #16-#20} 6775
- #22 #15 and #21 with Cochrane Library publication date Between Jan 2000 and Aug 2021, in Cochrane Reviews 0
- #23 #15 and #21 with Publication Year from 2000 to 2021, in Trials 34

Database: CINAHL

Search interface: Advanced Search