

Table S1. Search strategies used to search traditional databases

MEDLINE search via OVID		
Dates: Inception (1946) to present (October 26, 2016)		
October 26, 2016 at 1:36 pm		
#	Searches	Results
1	exp Renal Insufficiency, Chronic/	96206
2	(chronic kidney failure or chronic renal failure or kidney failure, chronic or renal failure, chronic or failure, chronic kidney or failure, chronic renal or chronic kidney disease* or chronic kidney insufficienc* or chronic renal disease* or chronic renal insufficienc* or disease*, chronic kidney or disease*, chronic renal or kidney disease*, chronic or kidney insufficienc*, chronic or renal disease*, chronic or renal insufficienc*, chronic or Predialysis or CKD).tw	64304
3	1 or 2	124633
4	exp Self Care/	46548
5	(care, self or self care or self-care or self-management or disease management or patient-centred care or patient centred care or patient-centered or patient centered or self monitor* or self-monitor* or self-efficacy or self efficacy or self-regulat* or self regulat* or patient orient* monitor* or patient-orient* monitor* or health educat* or health promot* or patient educat*).tw	138032
6	exp Adaptation, Psychological/ or exp Behavior Therapy/ or exp Health Behavior/ or exp Peer Group/ or exp Social Support/ or exp Self-Help Groups/ or exp Patient Education as Topic/	427541
7	(psychosocial intervention* or psycho-educational intervention* or behavioral intervention* or health behavior* or support or peer support*).tw	795044
8	4 or 5 or 6 or 7	1261025
9	3 and 8	6959
10	(dialysis or hemodialysis or haemodialysis).ti.	69512
11	9 not 10	4872

EMBASE search via OVID		
Dates: Inception (1974) to present (October 25, 2016)		
October 26, 2016 at 1:55 pm		
#	Searches	Results
1	exp chronic kidney disease/ or exp chronic kidney failure/	114971
2	(chronic kidney failure or chronic renal failure or kidney failure, chronic or renal failure, chronic or failure, chronic kidney or failure, chronic renal or chronic kidney disease* or chronic kidney insufficienc* or chronic renal disease* or chronic renal insufficienc* or disease*, chronic kidney or disease*, chronic renal or kidney disease*, chronic or kidney insufficienc*, chronic or renal disease*, chronic or renal insufficienc*, chronic or Predialysis or CKD).tw	91596
3	1 or 2	133908
4	exp self care/	66210
5	(care, self or self care or or self-care or self-management or disease management or patient-centred care or patient centred care or patient-centered or patient centered or self monitor* or self-monitor* or self-efficacy or self efficacy or self-regulat* or self regulat* or patient orient* monitor* or patient-orient* monitor* or health educat* or health promot* or patient educat*).tw	167301
6	exp wellbeing/ or exp adaptive behavior/ or exp psychoeducation/ or exp social adaptation/ or exp coping behavior/ or exp behavior therapy/ or exp health behavior/ or exp patient education/ or peer group/ or support group/ or self-help/	719350
7	(psychosocial intervention* or psycho-educational intervention* or behavioral intervention* or health behavior* or support or peer support*).tw	959549
8	4 or 5 or 6 or 7	1692732
9	3 and 8	8746
10	(dialysis or hemodialysis or haemodialysis).ti.	87234
11	9 not 10	7258

PsycINFO search via OVID		
Dates: Inception (1806) to October Week 3 2016		
October 26, 2016 at 2:23 PM		
#	Searches	Results
1	exp Kidney Diseases/	1802
2	(chronic kidney failure or chronic renal failure or kidney failure, chronic or renal failure, chronic or failure, chronic kidney or failure, chronic renal or chronic kidney disease* or chronic kidney insufficienc* or chronic renal disease* or chronic renal insufficienc* or disease*, chronic kidney or disease*, chronic renal or kidney disease*, chronic or kidney insufficienc*, chronic or renal disease*, chronic or renal insufficienc*, chronic or Predialysis or CKD).tw	995
3	1 or 2	2206
4	exp Self-Management/ or exp Self-Care Skills/ or exp Self-Efficacy/	26573
5	(care, self or self care or or self-care or self-management or disease management or patient-centred care or patient centred care or patient-centered or patient centered or self monitor* or self-monitor* or self-efficacy or self efficacy or self-regulat* or self regulat* or patient orient* monitor* or patient-orient* monitor* or health educat* or health promot* or patient educat*).tw	95899
6	exp emotional adjustment/ or exp coping behavior/ or exp well being/ or exp social adjustment/ or exp health behavior/ or exp behavior therapy/ or exp psychoeducation/ or exp client education/ or exp support groups/	148066
7	(psychosocial intervention* or psycho-educational intervention* or behavioral intervention* or health behavior* or support or peer support*).tw	405092
8	4 or 5 or 6 or 7	582953
9	3 and 8	506
10	(dialysis or hemodialysis or haemodialysis).ti.	1281
11	9 not 10	368

Cochrane Central Register of Controlled Trials search via OVID		
Dates: Inception to September 2016		
October 26, 2016 at 2:36 pm		
#	Searches	Results
1	exp Renal Insufficiency, Chronic/	3857
2	(chronic kidney failure or chronic renal failure or kidney failure, chronic or renal failure, chronic or failure, chronic kidney or failure, chronic renal or chronic kidney disease* or chronic kidney insufficienc* or chronic renal disease* or chronic renal insufficienc* or disease*, chronic kidney or disease*, chronic renal or kidney disease*, chronic or kidney insufficienc*, chronic or renal disease*, chronic or renal insufficienc*, chronic or Predialysis or CKD).tw	4416
3	1 or 2	6614
4	exp Self Care/	4111
5	(care, self or self care or or self-care or self-management or disease management or patient-centred care or patient centred care or patient-centered or patient centered or self monitor* or self-monitor* or self-efficacy or self efficacy or self-regulat* or self regulat* or patient orient* monitor* or patient-orient* monitor* or health educat* or health promot* or patient educat*).tw	14913
6	exp Adaptation, Psychological/ or exp Behavior Therapy/ or exp Health Behavior/ or exp Peer Group/ or exp Social Support/ or exp Self-Help Groups/ or exp Patient Education as Topic/	32694
7	(psychosocial intervention* or psycho-educational intervention* or behavioral intervention* or health behavior* or support or peer support*).tw	40963
8	4 or 5 or 6 or 7	76837
9	3 and 8	375
10	(dialysis or hemodialysis or haemodialysis).ti.	6157
11	9 not 10	251

Cochrane Database of Systematic Reviews search via OVID		
Dates: 2005 to October 19, 2016		
October 26, 2016 at 2:43 pm		
#	Searches	Results
1	(chronic kidney failure or chronic renal failure or kidney failure, chronic or renal failure, chronic or failure, chronic kidney or failure, chronic renal or chronic kidney disease* or chronic kidney insufficienc* or chronic renal disease* or chronic renal insufficienc* or disease*, chronic kidney or disease*, chronic renal or kidney disease*, chronic or kidney insufficienc*, chronic or renal disease*, chronic or renal insufficienc*, chronic or Predialysis or CKD).tw	254
2	(care, self or self care or self-care or self-management or disease management or patient-centred care or patient centred care or patient-centered or patient centered or self monitor* or self-monitor* or self-efficacy or self efficacy or self-regulat* or self regulat* or patient orient* monitor* or patient-orient* monitor* or health educat* or health promot* or patient educat*).tw	1359
3	(psychosocial intervention* or psycho-educational intervention* or behavioral intervention* or health behavior* or support or peer support*).tw	9203
4	2 or 3	9230
5	1 and 4	235
6	(dialysis or hemodialysis or haemodialysis).ti.	53
7	5 not 6	209

CINAHL Plus with Full Text		
Dates: Inception to Present		
October 26, 2016 at 3:00 pm		
#	Searches	Results
S1	(MH "Renal Insufficiency, Chronic")	18210
S2	TI (chronic kidney failure or chronic renal failure or kidney failure, chronic or renal failure, chronic or failure, chronic kidney or failure, chronic renal or chronic kidney disease* or chronic kidney insufficienc* or chronic renal disease* or chronic renal insufficienc* or disease*, chronic kidney or disease*, chronic renal or kidney disease*, chronic or kidney insufficienc*, chronic or renal disease*, chronic or renal insufficienc*, chronic or Predialysis or CKD) OR AB (chronic kidney failure or chronic renal failure or kidney failure, chronic or renal failure, chronic or failure, chronic kidney or failure, chronic renal or chronic kidney disease* or chronic kidney insufficienc* or chronic renal disease* or chronic renal insufficienc* or disease*, chronic kidney or disease*, chronic renal or kidney disease*, chronic or kidney insufficienc*, chronic or renal disease*, chronic or renal insufficienc*, chronic or Predialysis or CKD)	14082
S3	S1 OR S2	25927
S4	(MH "Self Care")	34818
S5	TI (care, self or self care or or self-care or self-management or disease management or patient-centred care or patient centred care or patient-centered or patient centered or self monitor* or self-monitor* or self-efficacy or self efficacy or self-regulat* or self regulat* or patient orient* monitor* or patient-orient* monitor* or health educat* or health promot* or patient educat*) OR AB (care, self or self care or or self-care or self-management or disease management or patient-centred care or patient centred care or patient-centered or patient centered or self monitor* or self-monitor* or self-efficacy or self efficacy or self-regulat* or self regulat* or patient orient* monitor* or patient-orient* monitor* or health educat* or health promot* or patient educat*)	217,342
S6	(MH "Adaptation, Psychological")	25,552
S7	(MH "Psychoeducation")	2,066
S8	(MH "Behavioral Changes")	7,345
S9	(MH "Health Behavior")	70,654
S10	(MH "Peer Group") OR (MH "Support Groups")	16,890
S11	(MH "Patient Education")	62,454
S12	TI (psychosocial intervention* or psycho-educational intervention* or behavioral intervention* or health behavior* or support or peer support*) OR AB (psychosocial intervention* or psycho-educational intervention* or behavioral intervention* or health behavior* or support or peer support*)	223,599

S13	S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12	531,208
S14	S3 AND S13	4239
S15	TI dialysis or hemodialysis or haemodialysis	12802
S16	S14 NOT S15	3363

Web of Science Dates: 2006-2016 Limited document types to Meeting Abstract, Meeting Summary October 23, 2016 at 3:30 pm		
#	Searches	Results
1	TS=(chronic kidney failure or chronic renal failure or kidney failure, chronic or renal failure, chronic or failure, chronic kidney or failure, chronic renal or chronic kidney disease* or chronic kidney insufficienc* or chronic renal disease* or chronic renal insufficienc* or disease*, chronic kidney or disease*, chronic renal or kidney disease*, chronic or kidney insufficienc*, chronic or renal disease*, chronic or renal insufficienc*, chronic or Predialysis or CKD) NOT TI=(dialysis or hemodialysis or haemodialysis)	5704
2	TS=(care, self or self care or or self-care or self-management or disease management or patient-centred care or patient centred care or patient-centered or patient centered or self monitor* or self-monitor* or self-efficacy or self efficacy or self-regulat* or self regulat* or patient orient* monitor* or patient-orient* monitor* or health educat* or health promot* or patient educat* or psychosocial intervention* or psycho-educational intervention* or behavioral intervention* or health behavior* or support or peer support*) NOT TI=(dialysis or hemodialysis or haemodialysis)	35005
4	#2 AND #1	182

Table S2. Search strategies used to search Canadian Agency for Drugs and Technology (CADTH) databases

Grey Literature – Google Canada Limited to first 10 webpages in Google for each search strategy October 02, 2016 at 2:30 pm	
Search Terms	
1	“Chronic kidney disease-transplant self-management”
2	“Self-management in chronic kidney disease” (Google suggestion)
3	“self-efficacy and self-management behaviors in patients with chronic kidney disease” (Google suggestion)
Total hits: 110	
Articles/abstracts/theses/trials: 58	
Other (websites, reports, documents, etc.): 52	
Grey Literature – Google Canada Limited to first 10 webpages in Google for each search strategy October 21, 2016 at 1:30 pm	
Search Terms	
1	“chronic kidney disease” and “psychological” or “psychosocial” or “psycho-educational” interventions and “Self-management in chronic kidney disease”
2	“psychological effects of dialysis” (Google suggestion) – NOT RELAVENT
3	“chronic kidney disease” and “behavioral intervention” or “health behaviors”
Total hits: 29	
Articles/abstracts/theses/trials: 18	
Other (websites, reports, documents, etc.): 11	
Grey Literature – CADTH Grey Matters Databases: HTA agencies, Clinical trials, Databases (free), Other October 03, 2016 at 9:30 am	
Search Terms	
1	“Chronic kidney disease self-management”
2	“Chronic kidney disease”
Total hits:	
HTA Agencies: 28 databases	
Clinical Trials: 4 databases	
Databases (free): 4 databases	
Other: 1 database	

***Note:** No search in CADTH Grey Matters for “psychological” or “psychosocial” or “psycho-educational interventions” or “behavioral intervention” or “health behaviors” since “chronic kidney disease” was the main concept and thus would include all concepts related to any type of intervention.