

Laatst gewijzigd: 2017-03-01 Verantwoording: Richtlijnwerkgroep Palliatieve zorg bij eindstadium nierfalen Versie: 1.0  
Type: Landelijke richtlijn

### **Search strings Question 2 communicatie techniek medline (ovid)**

- 1 Renal Insufficiency/ (11476)
- 2 exp Renal Insufficiency, Chronic/ (90384)
- 3 (end-stage renal or end-stage kidney or endstage kidney or endstage renal or end stage kidney or end stage renal).tw. (27211)
- 4 ((kidney\$ or renal) adj2 (disease\$ or failure\$ or sufficien\$ or insufficien\$)).tw. (164853)
- 5 CRF.tw. (11504)
- 6 (ESKD or ESKF or ESRD or ESRF).tw. (11303)
- 7 Renal Replacement Therapy/ (3809)
- 8 renal replacement therapy.tw. (6806)
- 9 exp Renal Dialysis/ (98771)
- 10 Hemodialysis, Home/ (1723)
- 11 exp Hemofiltration/ (5880)
- 12 (HDF or HF or AFB or RRT).tw. (26697)
- 13 kidney, artificial/ (4308)
- 14 ultrafiltration/ (8925)
- 15 dialysis/ (12293)
- 16 ((kidney\$ or renal) adj2 (replac\$ or artificial or extracorporeal)).tw. (9522)
- 17 biofilt\$.tw. (1401)
- 18 (hemodia\$ or haemodia\$ or hemofilt\$ or haemofilt\$ or diafilt\$).tw. (64794)
- 19 or/1-18 (315459)
- 20 exp "Conflict (Psychology)"/ (14800)
- 21 exp Communication/ (386868)
- 22 conflict\*.tw. (78145)
- 23 communicat\*.tw. (170007)
- 24 20 or 21 or 22 or 23 (589608)
- 25 19 and 24 (3804)
- 26 limit 25 to yr="2005 - 2015" (2187)

### **PreMedline (OVID)**

- 3 (end-stage renal or end-stage kidney or endstage kidney or endstage renal or end stage kidney or end stage renal).tw. (2613)
- 4 ((kidney\$ or renal) adj2 (disease\$ or failure\$ or sufficien\$ or insufficien\$)).tw. (12476)
- 5 CRF.tw. (630)
- 6 (ESKD or ESKF or ESRD or ESRF).tw. (1297)
- 8 renal replacement therapy.tw. (912)
- 12 (HDF or HF or AFB or RRT).tw. (6566)
- 16 ((kidney\$ or renal) adj2 (replac\$ or artificial or extracorporeal)).tw. (1063)
- 17 biofilt\$.tw. (109)
- 18 (hemodia\$ or haemodia\$ or hemofilt\$ or haemofilt\$ or diafilt\$).tw. (4228)
- 19 or/1-18 (22446)
- 22 conflict\*.tw. (8485)
- 23 communicat\*.tw. (23923)
- 24 20 or 21 or 22 or 23 (32097)
- 25 19 and 24 (262)
- 26 limit 25 to yr="2005 - 2015" (243)

### **EMBASE (via embase.com)**

- |    |  |        |
|----|--|--------|
| #1 | 'kidney failure'/de OR 'chronic kidney failure'/exp OR 'renal replacement therapy'/exp OR 'renal replacement therapy-dependent renal disease'/exp OR 'dialysis'/de OR 'ultrafiltration'/exp OR 'artificial kidney'/exp | 299825 |
| #2 | 'end-stage renal':ab,ti OR 'end-stage kidney':ab,ti OR 'endstage kidney':ab,ti OR 'endstage renal':ab,ti OR 'end stage kidney':ab,ti OR 'end stage renal':ab,ti  | 38532  |

#3	((kidney* OR renal) NEAR/2 (disease* OR failure* OR sufficien* OR insufficien*)):ab,ti	234268
#4	crf:ab,ti	14919
#5	eskd:ab,ti OR eskf:ab,ti OR esrd:ab,ti OR esrf:ab,ti	17866
#6	'renal replacement therapy':ab,ti	11447
#7	hdf:ab,ti OR hf:ab,ti OR afb:ab,ti OR rrt:ab,ti	54347
#8	ultrafiltrat*:ab,ti OR dialy*:ab,ti	140731
#9	((kidney* OR renal) NEAR/2 (replac* OR artificial OR extracorporeal)):ab,ti	14939
#10	biofilt*:ab,ti	2232
#11	hemodia*:ab,ti OR haemodia*:ab,ti OR hemofilt*:ab,ti OR haemofilt*:ab,ti OR diafilt*:ab,ti	87695
#12	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11	514118
#13	'conflict'/exp OR 'conflict management'/exp OR 'interpersonal communication'/exp	456562
#14	conflict*:ab,ti OR communicat*:ab,ti	344653
#15	#13 OR #14	705315
#16	#12 AND #15	7058
#17	#16 AND ([article]/lim OR [article in press]/lim OR [review]/lim) AND ([dutch]/lim OR [english]/lim) AND [2005-2015]/py	2851

#### **cochrane library (via wiley)**

- #1 MeSH descriptor: [Renal Insufficiency] 1 tree(s) exploded
- #2 MeSH descriptor: [Renal Insufficiency, Chronic] 1 tree(s) exploded
- #3 ("end-stage renal" or "end-stage kidney" or "endstage kidney" or "endstage renal" or "end stage kidney" or "end stage renal"):ti,ab
- #4 ((kidney\* or renal) and (disease\* or failure\* or sufficien\* or insufficien\*)):ti,ab
- #5 CRF:ti,ab
- #6 (ESKD or ESKF or ESRD or ESRF):ti,ab
- #7 MeSH descriptor: [Renal Replacement Therapy] 1 tree(s) exploded
- #8 renal replacement therapy:ti,ab
- #9 MeSH descriptor: [Renal Dialysis] 1 tree(s) exploded
- #10 MeSH descriptor: [Hemodialysis, Home] 1 tree(s) exploded
- #11 MeSH descriptor: [Hemofiltration] 1 tree(s) exploded
- #12 (HDF or HF or AFB or RRT):ti,ab
- #13 MeSH descriptor: [Kidneys, Artificial] 1 tree(s) exploded
- #14 MeSH descriptor: [Ultrafiltration] 1 tree(s) exploded
- #15 MeSH descriptor: [Dialysis] 1 tree(s) exploded
- #16 (ultrafiltrat\* or dialy\*):ti,ab
- #17 ((kidney\* or renal) and (replac\* or artificial or extracorporeal)):ti,ab
- #18 biofilt\*:ti,ab
- #19 (hemodia\* or haemodia\* or hemofilt\* or haemofilt\* or diafilt\*):ti,ab
- #20 #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19
- #21 MeSH descriptor: [Conflict (Psychology)] 1 tree(s) exploded
- #22 MeSH descriptor: [Communication] 1 tree(s) exploded
- #23 conflict\*:ti,ab
- #24 communicat\*:ti,ab
- #25 #21 or #22 or #23 or #24
- #26 #20 and #25

#### **Search strings Question 3 advance care planning medline (ovid)**

- 1 Renal Insufficiency/ (11476)
- 2 exp Renal Insufficiency, Chronic/ (90384)
- 3 (end-stage renal or end-stage kidney or endstage kidney or endstage renal or end stage kidney or end stage renal).tw. (27211)
- 4 ((kidney\$ or renal) adj2 (disease\$ or failure\$ or sufficien\$ or insufficien\$)).tw. (164853)
- 5 CRF.tw. (11504)
- 6 (ESKD or ESKF or ESRD or ESRF).tw. (11303)

7 Renal Replacement Therapy/ (3809)  
 8 renal replacement therapy.tw. (6806)  
 9 exp Renal Dialysis/ (98771)  
 10 Hemodialysis, Home/ (1723)  
 11 exp Hemofiltration/ (5880)  
 12 (HDF or HF or AFB or RRT).tw. (26697)  
 13 kidney, artificial/ (4308)  
 14 ultrafiltration/ (8925)  
 15 dialysis/ (12293)  
 16 ((kidney\$ or renal) adj2 (replac\$ or artificial or extracorporeal)).tw. (9522)  
 17 biofilt\$.tw. (1401)  
 18 (hemodia\$ or haemodia\$ or hemofilt\$ or haemofilt\$ or diafilt\$).tw. (64794)  
 19 or/1-18 (315459)  
 20 exp Advance Care Planning/ (7244)  
 21 (advance care adj (plan or plans or planning)).tw. (921)  
 22 (advance adj (directive\* or decision\*)).tw. (2623)  
 23 living will\*.tw. (1039)  
 24 Right to Die/ (4671)  
 25 right to die.tw. (863)  
 26 ((patient or patients) adj5 (advocat\* or advocacy)).tw. (4220)  
 27 power of attorney.tw. (304)  
 28 ((end of life or EOL) adj5 (care or discuss\* or decision\* or plan or plans or planning or preference\*)).tw. (8136)  
 29 Terminal Care/ (22359)  
 30 Treatment Refusal/ (10972)  
 31 exp Withholding Treatment/ (13169)  
 32 (treatment adj5 (refus\* or withhold\* or withdraw\*)).tw. (12728)  
 33 Patient Advocacy/ (22735)  
 34 terminal care.tw. (1381)  
 35 palliative approach.mp. (247)  
 36 or/20-35 (85516)37 19 and 36 (1762)  
 38 limit 37 to yr="2005 - 2015" (813)

### PreMedline (OVID)

3 (end-stage renal or end-stage kidney or endstage kidney or endstage renal or end stage kidney or end stage renal).tw. (2625)  
 4 ((kidney\$ or renal) adj2 (disease\$ or failure\$ or sufficien\$ or insufficien\$)).tw. (12542)  
 5 CRF.tw. (634)  
 6 (ESKD or ESKF or ESRD or ESRF).tw. (1298)  
 8 renal replacement therapy.tw. (915)  
 12 (HDF or HF or AFB or RRT).tw. (6579)  
 16 ((kidney\$ or renal) adj2 (replac\$ or artificial or extracorporeal)).tw. (1067)  
 17 biofilt\$.tw. (109)  
 18 (hemodia\$ or haemodia\$ or hemofilt\$ or haemofilt\$ or diafilt\$).tw. (4247)  
 19 or/1-18 (22541)  
 21 (advance care adj (plan or plans or planning)).tw. (176)  
 22 (advance adj (directive\* or decision\*)).tw. (171)  
 23 living will\*.tw. (35)  
 25 right to die.tw. (23)  
 26 ((patient or patients) adj5 (advocat\* or advocacy)).tw. (410)  
 27 power of attorney.tw. (13)  
 28 ((end of life or EOL) adj5 (care or discuss\* or decision\* or plan or plans or planning or preference\*)).tw. (1077)  
 32 (treatment adj5 (refus\* or withhold\* or withdraw\*)).tw. (779)  
 34 terminal care.tw. (44)  
 35 palliative approach.mp. (43)  
 36 or/20-35 (2522)  
 37 19 and 36 (87)  
 38 limit 37 to yr="2005 - 2015" (82)

**EMBASE (via embase.com)**

#1	'kidney failure'/de OR 'chronic kidney failure'/exp OR 'renal replacement therapy'/exp OR 'renal replacement therapy-dependent renal disease'/exp OR 'dialysis'/de OR 'ultrafiltration'/exp OR 'artificial kidney'/exp	299825
#2	'end-stage renal':ab,ti OR 'end-stage kidney':ab,ti OR 'endstage kidney':ab,ti OR 'endstage renal':ab,ti OR 'end stage kidney':ab,ti OR 'end stage renal':ab,ti	38532
#3	((kidney* OR renal) NEAR/2 (disease* OR failure* OR sufficien* OR insufficien*)):ab,ti	234268
#4	crf:ab,ti	14919
#5	eskd:ab,ti OR eskf:ab,ti OR esrd:ab,ti OR esrf:ab,ti	17866
#6	'renal replacement therapy':ab,ti	11447
#7	hdf:ab,ti OR hf:ab,ti OR afb:ab,ti OR rrt:ab,ti	54347
#8	ultrafiltrat*:ab,ti OR dialy*:ab,ti	140731
#9	((kidney* OR renal) NEAR/2 (replac* OR artificial OR extracorporeal)):ab,ti	14939
#10	biofilt*:ab,ti	2232
#11	hemodia*:ab,ti OR haemodia*:ab,ti OR hemofilt*:ab,ti OR haemofilt*:ab,ti OR diafilt*:ab,ti	87695
#12	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11	514118
#13	'living will'/exp OR 'right to die'/exp OR 'patient advocacy'/exp OR 'power of attorney'/exp OR 'terminal care'/exp OR 'treatment refusal'/exp OR 'treatment withdrawal'/exp	91929
#14	(living NEAR/1 will*):ab,ti	1283
#15	('advance care' NEAR/1 (plan OR plans OR planning)):ab,ti	1608
#16	'right to die':ab,ti	897
#17	((patient OR patients) NEAR/5 (advocat* OR advocacy)):ab,ti	6043
#18	'power of attorney':ab,ti	424
#19	(('end of life' OR eol) NEAR/5 (care OR discuss* OR decision* OR plan OR plans OR planning OR preference*)):ab,ti	12087
#20	'terminal care':ab,ti	1636
#21	(treatment NEAR/2 (refus* OR withhold* OR withdraw*)):ab,ti	9295
#22	#13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21	107864
#23	#12 AND #22	2945
#24	#23 AND ([article]/lim OR [article in press]/lim OR [review]/lim) AND ([dutch]/lim OR [english]/lim) AND [2005-2015]/py	1348

### **Cochrane library (via wiley)**

- #1 MeSH descriptor: [Renal Insufficiency] 1 tree(s) exploded
- #2 MeSH descriptor: [Renal Insufficiency, Chronic] 1 tree(s) exploded
- #3 ("end-stage renal" or "end-stage kidney" or "endstage kidney" or "endstage renal" or "end stage kidney" or "end stage renal"):ti,ab
- #4 ((kidney\* or renal) and (disease\* or failure\* or sufficien\* or insufficien\*)):ti,ab
- #5 CRF:ti,ab
- #6 (ESKD or ESKF or ESRD or ESRF):ti,ab
- #7 MeSH descriptor: [Renal Replacement Therapy] 1 tree(s) exploded
- #8 renal replacement therapy:ti,ab
- #9 MeSH descriptor: [Renal Dialysis] 1 tree(s) exploded
- #10 MeSH descriptor: [Hemodialysis, Home] 1 tree(s) exploded
- #11 MeSH descriptor: [Hemofiltration] 1 tree(s) exploded
- #12 (HDF or HF or AFB or RRT):ti,ab
- #13 MeSH descriptor: [Kidneys, Artificial] 1 tree(s) exploded
- #14 MeSH descriptor: [Ultrafiltration] 1 tree(s) exploded
- #15 MeSH descriptor: [Dialysis] 1 tree(s) exploded
- #16 (ultrafiltrat\* or dialy\*):ti,ab
- #17 ((kidney\* or renal) and (replac\* or artificial or extracorporeal)):ti,ab
- #18 biofilt\*:ti,ab
- #19 (hemodia\* or haemodia\* or hemofilt\* or haemofilt\* or diafilt\*):ti,ab

- #20 #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19
- #21 MeSH descriptor: [Advance Care Planning] explode all trees
- #22 MeSH descriptor: [Right to Die] 1 tree(s) exploded
- #23 MeSH descriptor: [Terminal Care] 1 tree(s) exploded
- #24 MeSH descriptor: [Treatment Refusal] 1 tree(s) exploded
- #25 MeSH descriptor: [Withholding Treatment] 1 tree(s) exploded
- #26 MeSH descriptor: [Patient Advocacy] 1 tree(s) exploded
- #27 ("advance care" and (plan or plans or planning)):ti,ab
- #28 (advance and (directive\* or decision\*)):ti,ab
- #29 living will\*:ti,ab
- #30 "right to die":ti,ab
- #31 ((patient or patients) and (advocat\* or advocacy)):ti,ab
- #32 "power of attorney":ti,ab
- #33 (("end of life" or EOL) and (care or discuss\* or decision\* or plan or plans or planning or preference\*)):ti,ab
- #34 (treatment and (refus\* or withhold\* or withdraw\*)):ti,ab
- #35 "terminal care":ti,ab
- #36 "palliative approach":ti,ab
- #37 #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30 or #31 or #32 or #33 or #34 or #35 or #36
- #38 #20 and #37

**Search strings Question 4 symptoms  
medline (ovid)**

- 1 Renal Insufficiency/ (11555)
- 2 exp Renal Insufficiency, Chronic/ (90941)
- 3 (end-stage renal or end-stage kidney or endstage kidney or endstage renal or end stage kidney or end stage renal).tw. (27388)
- 4 ((kidney\$ or renal) adj2 (disease\$ or failure\$ or sufficien\$ or insufficien\$)).tw. (165726)
- 5 CRF.tw. (11540)
- 6 (ESKD or ESKF or ESRD or ESRF).tw. (11391)
- 7 Renal Replacement Therapy/ (3837)
- 8 renal replacement therapy.tw. (6861)
- 9 exp Renal Dialysis/ (99139)
- 10 Hemodialysis, Home/ (1728)
- 11 exp Hemofiltration/ (5895)
- 12 (HDF or HF or AFB or RRT).tw. (26977)
- 13 kidney, artificial/ (4310)
- 14 ultrafiltration/ (8943)
- 15 dialysis/ (12303)
- 16 ((kidney\$ or renal) adj2 (replac\$ or artificial or extracorporeal)).tw. (9583)
- 17 biofilt\$.tw. (1408)
- 18 (hemodia\$ or haemodia\$ or hemofilt\$ or haemofilt\$ or diafilt\$).tw. (65027)
- 19 or/1-18 (317068)
- 20 exp Sleep/ (64156)
- 21 sleep\*.ti,ab. (116235)
- 22 "Sleep Initiation and Maintenance Disorders"/ or exp Sleep Disorders, Circadian Rhythm/ (11223)
- 23 sleep disorders/ or dyssomnias/ or sleep deprivation/ or "disorders of excessive somnolence"/ (26426)
- 24 insomnia.mp. (12360)
- 25 20 or 21 or 22 or 23 or 24 (143884)
- 26 (adinazolam or alprazolam or bentazepam or bromazepam or brotizolam or chlordiazepoxide or cinolazepam or clobazam or clonazepam or clorazepate or clotiazepam or cloxazolam or delorazepam or demoxepam or desmethyldiazepam or diazepam or estazolam or etizolam or etozolam or fludiazepam or flunitrazepam or flurazepam or flutoprazepam or halazepam or haloxazolam or ketazolam or loprazolam or lorazepam or lormetazepam or medazepam or metaclazepam or mexazolam or midazolam or nimetazepam or nitrazepam or nordazepam or oxazepam or oxazolam or pinazepam or prazepam or quazepam or temazepam or tetrazepam or tofisopam or triazolam).mp. (51887)
- 27 benzodiazepine\*.mp. (37912)

28 exp Benzodiazepines/ (60244)  
29 Melatonin/ (16066)  
30 melatonin.mp. (19272)  
31 zolpidem.mp. (1850)  
32 zopiclon\*.mp. (874)  
33 26 or 27 or 28 or 29 or 30 or 31 or 32 (99462)  
34 19 and 25 and 33 (70)  
35 limit 34 to yr="2005 - 2015" (40)  
36 exp pain/ (326063)  
37 pain\$.ti,ab. (447215)  
38 (Chronic or intractable or refractory or persistent).ti,ab. (1029001)  
39 Pain, intractable.de. (5665)  
40 36 or 37 or 38 or 39 (1526813)  
41 Narcotics/ (14997)  
42 "Analgesics, Opioid"/ (30887)  
43 (opiod\$ or morphine or morfine or hydromorphine or buprenorphine or codeine or dextromoramide or diphenoxylate or dipipanone or dextropropoxyphene or propoxyphene or diamorphine or dihydrocodeine or alfentanil or fentanyl or remifentanil or meptazinol or methadone or nalbuphine or oxycodone or papaveretum or pentazocine or meperidine or pethidine or phenazocine or hydrocodone or hydromorphone or levorphanol or oxymorphone or butorphanol or dezocine or sufentanil or ketobemidone).mp. (143989)  
44 amitriptyline/ or nortriptyline/ (7607)  
45 Antidepressive Agents, Tricyclic/ (9864)  
46 gamma-Aminobutyric Acid/ (34651)  
47 gabapentin\$.mp. (4590)  
48 pregabalin\$.mp. (1815)  
49 (amitriptylin\$ or nortriptylin\$).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier] (9895)  
50 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 (200065)  
51 19 and 40 and 50 (675)  
52 limit 51 to yr="2005 - 2015" (340)  
53 exp DYSPNEA/ (16567)  
54 (dyspnoe\$ or dyspne\$).mp. (39788)  
55 breathless\$.mp. (3368)  
56 (breathing adj3 labored).mp. (174)  
57 (breathing adj3 laboured).mp. (39)  
58 (breathing adj3 difficult\$).mp. (1419)  
59 53 or 54 or 55 or 56 or 57 or 58 (43327)  
60 26 or 27 or 28 or 41 or 42 or 43 (218614)  
61 19 and 59 and 60 (8)  
62 limit 61 to yr="2005 - 2015" (6)  
63 pruritis.mp. (131)  
64 pruritus.mp. (16223)  
65 pruritic.mp. (2951)  
66 itch\*.mp. (9217)  
67 Pruritus/ (9296)  
68 63 or 64 or 65 or 66 or 67 (24478)  
69 19 and 68 (954)  
70 limit 69 to yr="2005 - 2015" (384)  
71 Restless Legs Syndrome/ (2811)  
72 restless leg\$.mp. (3504)  
73 Ekbom\$ syndrome.mp. (70)  
74 periodic leg movement\$.mp. (506)  
75 periodic limb movement\$.mp. (738)  
76 (PLM or PLMS).mp. (1240)  
77 (ur?emic polyneuropath\$ or ur?emic neuropath\$).mp. (263)  
78 peripheral polyneuropath\$.mp. (368)  
79 (nocturnal movement\$ or nocturnal leg movement\$ or nocturnal limb movement\$).mp. (48)  
80 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 (5449)  
81 19 and 80 (525)  
82 limit 81 to yr="2005 - 2015" (255)

- 83 Delirium/ (6364)
- 84 deliri\*.mp. (19941)
- 85 confusion/ or consciousness disorders/ (6051)
- 86 acute confusion.mp. (284)
- 87 acute brain failure.mp. (9)
- 88 acute organic psychosyndrome.mp. (5)
- 89 acute brain syndrome.mp. (42)
- 90 metabolic encephalopathy.mp. (338)
- 91 acute psycho-organic syndrome.mp. (5)
- 92 clouded state.mp. (2)
- 93 clouding of consciousness.mp. (162)
- 94 exogenous psychosis.mp. (30)
- 95 toxic psychosis.mp. (139)
- 96 toxic confusion.mp. (5)
- 97 83 or 84 or 85 or 86 or 87 or 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 (26199)
- 98 19 and 97 (455)
- 99 limit 98 to yr="2005 - 2015" (185)
- 100 depression/ (84165)
- 101 exp depressive disorder/ (86046)
- 102 adjustment disorders/ (3948)
- 103 exp ADAPTATION, PSYCHOLOGICAL/ (106051)
- 104 Stress, Psychological/ (93528)
- 105 psychological tests/ (34314)
- 106 psycholog\$.mp. (569344)
- 107 depressi\$.mp. (324023)
- 108 100 or 101 or 102 or 103 or 104 or 105 or 106 or 107 (850203)
- 109 exp Antidepressive Agents/ (125518)
- 110 antidepress\$.mp. (70088)
- 111 exp Cognitive Therapy/ (18187)
- 112 CBT.mp. (5218)
- 113 exercise\$.mp. (255976)
- 114 exp Exercise Therapy/ (33339)
- 115 physical therapy modalities/ or exercise movement techniques/ (29708)
- 116 109 or 110 or 111 or 112 or 113 or 114 or 115 (437181)
- 117 19 and 108 and 116 (732)
- 118 limit 117 to yr="2005 - 2015" (464)
- 119 35 or 52 or 62 or 70 or 82 or 99 or 118 (1563)
- 120 symptom management.mp. (2421)
- 121 supportive care.mp. (8928)
- 122 120 or 121 (11257)
- 123 19 and 122 (510)
- 124 limit 123 to yr="2005 - 2015" (299)
- 125 119 or 124 (1846)

**EMBASE (via embase.com)**

- #1 'kidney failure'/de OR 'chronic kidney failure'/exp OR 'renal replacement therapy'/exp OR 'renal replacement therapy-dependent renal disease'/exp OR 'dialysis'/de OR 'ultrafiltration'/exp OR 'artificial kidney'/exp 299825
- #2 'end-stage renal':ab,ti OR 'end-stage kidney':ab,ti OR 'endstage kidney':ab,ti OR 'endstage renal':ab,ti OR 'end stage kidney':ab,ti OR 'end stage renal':ab,ti 38532
- #3 ((kidney\* OR renal) NEAR/2 (disease\* OR failure\* OR sufficien\* OR insufficien\*)):ab,ti 234268
- #4 crf:ab,ti 14919
- #5 eskd:ab,ti OR eskf:ab,ti OR esrd:ab,ti OR esrf:ab,ti 17866
- #6 'renal replacement therapy':ab,ti 11447
- #7 hdf:ab,ti OR hf:ab,ti OR afb:ab,ti OR rrt:ab,ti 54347
- #8 ultrafiltrat\*:ab,ti OR dialy\*:ab,ti 140731
- #9 ((kidney\* OR renal) NEAR/2 (replac\* OR artificial OR extracorporeal)):ab,ti 14939
- #10 biofilt\*:ab,ti 2232


#11	hemodia*:ab,ti OR haemodia*:ab,ti OR hemofilt*:ab,ti OR haemofilt*:ab,ti OR diafilt*:ab,ti	87695
#12	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11	516795
#13	'sleep'/de OR 'circadian rhythm sleep disorder'/de OR 'insomnia'/de OR 'primary insomnia'/de OR 'parasomnia'/de OR 'sleep disorder'/de	153193
#14	'narcotic agent'/exp	220481
#15	'narcotic analgesic agent'/exp	256282
#16	opioid*:ab,ti OR morphine:ab,ti OR morfine:ab,ti OR hydromorphine:ab,ti OR buprenorphine:ab,ti OR codeine:ab,ti OR dextromoramide:ab,ti OR diphenoxylate:ab,ti OR dipipanone:ab,ti OR dextropropoxyphene:ab,ti OR propoxyphene:ab,ti OR diamorphine:ab,ti OR dihydrocodeine:ab,ti OR alfentanil:ab,ti OR fentanyl:ab,ti OR remifentanil:ab,ti OR meptazinol:ab,ti OR methadone:ab,ti OR nalbuphine:ab,ti OR oxycodone:ab,ti OR papaveretum:ab,ti OR pentazocine:ab,ti OR meperidine:ab,ti OR pethidine:ab,ti OR phenazocine:ab,ti OR hydrocodone:ab,ti OR hydromorphone:ab,ti OR levorphanol:ab,ti OR oxymorphone:ab,ti OR butorphanol:ab,ti OR dezocine:ab,ti OR sufentanil:ab,ti OR ketobemidone:ab,ti	153622
#17	'benzodiazepine derivative'/exp	154619
#18	benzodiazepine*:ab,ti	37861
#19	adinazolam:ab,ti OR alprazolam:ab,ti OR bentazepam:ab,ti OR bromazepam:ab,ti OR brotizolam:ab,ti OR chlordiazepoxide:ab,ti OR cinolazepam:ab,ti OR clobazam:ab,ti OR clonazepam:ab,ti OR clorazepate:ab,ti OR clotiazepam:ab,ti OR cloxazolam:ab,ti OR delorazepam:ab,ti OR demoxepam:ab,ti OR desmethyldiazepam:ab,ti OR diazepam:ab,ti OR estazolam:ab,ti OR etizolam:ab,ti OR etozolam:ab,ti OR fludiazepam:ab,ti OR flunitrazepam:ab,ti OR flurazepam:ab,ti OR flutoprazepam:ab,ti OR halazepam:ab,ti OR haloxazolam:ab,ti OR ketazolam:ab,ti OR loprazolam:ab,ti OR lorazepam:ab,ti OR lormetazepam:ab,ti OR medazepam:ab,ti OR metaclozepam:ab,ti OR mexazolam:ab,ti OR midazolam:ab,ti OR nimetazepam:ab,ti OR nitrazepam:ab,ti OR nordazepam:ab,ti OR oxazepam:ab,ti OR oxazolam:ab,ti OR pinazepam:ab,ti OR prazepam:ab,ti OR quazepam:ab,ti OR temazepam:ab,ti OR tetrazepam:ab,ti OR tofisopam:ab,ti OR triazolam:ab,ti	57244
#20	'melatonin'/exp	25895
#21	melatonin:ab,ti	22595
#22	'zolpidem'/exp OR 'zopiclone'/exp	8145
#23	#14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21	211991
#24	#12 AND #13 AND #23	294
#25	'pain'/exp	920909
#26	'amitriptyline'/exp OR 'nortriptyline'/exp	40541
#27	'tricyclic antidepressant agent'/de	30155
#28	'gabapentin'/exp OR 'pregabalin'/exp	26266
#29	#14 OR #15 OR #16 OR #26 OR #27 OR #28	373972
#30	#12 AND #25 AND #29	2370
#31	'dyspnea'/de	92600
#32	dyspnoe*:ab,ti OR dyspne*:ab,ti	48955
#33	breathless*:ab,ti	4954
#34	(breathing NEAR/3 labored):ab,ti	237
#35	(breathing NEAR/3 laboured):ab,ti	52
#36	(breathing NEAR/3 difficult*):ab,ti	2344
#37	#31 OR #32 OR #33 OR #34 OR #35 OR #36	120087
#38	#14 OR #15 OR #16 OR #17 OR #18 OR #19	451060
#39	#12 AND #37 AND #38	278
#40	'pruritus'/exp	65890



#41	prurit*:ab,ti OR itch*:ab,ti	37107
#42	#40 OR #41	78678
#43	#12 AND #42	3278
#44	'restless legs syndrome'/exp	7137
#45	ekbom*:ab,ti OR (periodic:ab,ti AND leg:ab,ti AND movement*:ab,ti) OR (periodic:ab,ti AND limb:ab,ti AND movement*:ab,ti) OR plm:ab,ti OR plms:ab,ti	3629
#46	#44 OR #45	9595
#47	#12 AND #46	639
#48	'delirium'/de OR 'confusion'/exp	39245
#49	deliri*:ab,ti	15101
#50	#48 OR #49	43346
#51	#12 AND #50	2219
#52	'depression'/exp OR 'adjustment disorder'/exp	350668
#53	depressi*:ab,ti	365233
#54	#52 OR #53	500792
#55	'antidepressant agent'/exp OR 'cognitive therapy'/exp OR 'exercise'/exp OR 'kinesiotherapy'/exp	626344
#56	antidepress*:ab,ti OR cbt:ab,ti OR exercise*:ab,ti	352931
#57	#55 OR #56	745292
#58	#12 AND #54 AND #57	1949
#59	#24 OR #30 OR #39 OR #43 OR #47 OR #51 OR #58	9546
#60	#59 AND ([article]/lim OR [article in press]/lim OR [review]/lim) AND ([dutch]/lim OR [english]/lim) AND [2005-2015]/py	4773

#### **cochrane library (via wiley)**

- #1 MeSH descriptor: [Renal Insufficiency] 1 tree(s) exploded
- #2 MeSH descriptor: [Renal Insufficiency, Chronic] 1 tree(s) exploded
- #3 ("end-stage renal" or "end-stage kidney" or "endstage kidney" or "endstage renal" or "end stage kidney" or "end stage renal"):ti,ab
- #4 ((kidney\* or renal) and (disease\* or failure\* or sufficien\* or insufficien\*)):ti,ab
- #5 CRF:ti,ab
- #6 (ESKD or ESKF or ESRD or ESRF):ti,ab
- #7 MeSH descriptor: [Renal Replacement Therapy] 1 tree(s) exploded
- #8 renal replacement therapy:ti,ab
- #9 MeSH descriptor: [Renal Dialysis] 1 tree(s) exploded
- #10 MeSH descriptor: [Hemodialysis, Home] 1 tree(s) exploded
- #11 MeSH descriptor: [Hemofiltration] 1 tree(s) exploded
- #12 (HDF or HF or AFB or RRT):ti,ab
- #13 MeSH descriptor: [Kidneys, Artificial] 1 tree(s) exploded
- #14 MeSH descriptor: [Ultrafiltration] 1 tree(s) exploded
- #15 MeSH descriptor: [Dialysis] 1 tree(s) exploded
- #16 (ultrafiltrat\* or dialy\*):ti,ab
- #17 ((kidney\* or renal) and (replac\* or artificial or extracorporeal)):ti,ab
- #18 biofilt\*:ti,ab
- #19 (hemodia\* or haemodia\* or hemofilt\* or haemofilt\* or diafilt\*):ti,ab
- #20 #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19
- #21 sleep:kw,ti,ab
- #22 insomnia:kw,ti,ab
- #23 pain:ti,ab
- #24 dyspnea or dyspnoea or breathless\*:ti,ab
- #25 prurit\* or itch\*:ti,ab
- #26 restless leg\*:ti,ab
- #27 deliri\*:ti,ab
- #28 depressi\*:ti,ab
- #29 symptom management:ti,ab



#30 supportive care:ti,ab  
#31 #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30  
#32 #20 and #31