

Supplementary Figure 1: Search strategy

Databases Search terms

- CENTRAL
1. MeSH descriptor Homocysteine explode all trees
 2. MeSH descriptor Hyperhomocysteinemia, this term only
 3. homocysteine* in Clinical Trials
 4. hyperhomocysteine* in Clinical Trials
 5. (#1 OR #2 OR #3 OR #4)
 6. MeSH descriptor Renal Replacement Therapy explode all trees
 7. MeSH descriptor Renal Insufficiency, this term only
 8. MeSH descriptor Renal Insufficiency, Chronic explode all trees
 9. MeSH descriptor Kidney Failure, this term only
 10. MeSH descriptor Kidney Diseases, this term only
 11. "end-stage renal" or "end-stage kidney" or "endstage renal" or "endstage kidney" in Clinical Trials
 12. ESRF or ESKF or ESRD or ESKD in Clinical Trials
 13. "chronic kidney" or "chronic renal" in Clinical Trials
 14. CKF or CKD or CRF or CRD in Clinical Trials
 15. dialysis* in Clinical Trials
 16. hemodialysis or haemodialysis in Clinical Trials
 17. hemofiltration or haemofiltration in Clinical Trials
 18. hemodiafiltration or haemodiafiltration in Clinical Trials
 19. PD or CAPD or CCPD or APD in Clinical Trials
 20. (#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. (#5 AND #20)
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- MEDLINE
1. exp Homocysteine/
 2. Hyperhomocysteinemia/
 3. hyperhomocystein\$.tw.
 4. homocystein\$.tw.
 5. or/1-4
 6. exp Renal Replacement Therapy/
 7. Renal Insufficiency/
 8. exp Renal Insufficiency, Chronic/
 9. Kidney Failure/

10. Kidney Diseases/
11. Diabetic Nephropathies/
12. (kidney disease\$ or kidney failure\$ or renal disease\$ or renal failure\$).tw.
13. (end-stage renal or end-stage kidney or endstage renal or endstage kidney).tw.
14. (ESRF or ESKF or ESRD or ESKD).tw.
15. (chronic kidney or chronic renal).tw.
16. (CKF or CKD or CRF or CRD).tw.
17. dialysis.tw.
18. (hemodialysis or haemodialysis).tw.
19. (hemodiafiltration or haemodiafiltration).tw.
20. (hemofiltration or haemofiltration).tw.
21. (PD or CAPD or CCPD or APD).tw.
22. Diabetic nephropath\$.tw.
23. or/6-22
24. and/5,23

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| EMBASE | <ol style="list-style-type: none"> 1. Homocysteine/ 2. Hyperhomocysteinemia/ 3. hyperhomocystein\$.tw. 4. homocystein\$.tw. 5. or/1-4 6. exp Renal Replacement Therapy/ 7. exp Kidney Transplantation/ 8. Diabetic Nephropathy/ 9. Chronic Kidney Disease/ 10. Kidney Disease/ 11. Kidney disease\$ or kidney failure\$ or renal disease\$ or renal failure\$).tw. 12. (end-stage renal or end-stage kidney or endstage renal or endstage kidney).tw. 13. (ESRF or ESKF or ESRD or ESKD).tw. 14. (chronic kidney or chronic renal).tw. 15. (CKF or CKD or CRF or CRD).tw. 16. dialysis.tw. 17. (hemodialysis or haemodialysis).tw. 18. (hemodiafiltration or haemodiafiltration).tw. 19. (hemofiltration or haemofiltration).tw. |
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20. (PD or CAPD or CCPD or APD).tw.

21. diabetic nephropath\$.tw.

22. or/6-21

23. and/5,22