a. Database

1. MEDLINE – OvidSP 1946 – July 20, 2012
2. EMBASE – OvidSP 1974 – 2012 Week 28
3. All EBM Reviews – OvidSP – July 20, 2012
   - Cochrane Database of Systematic Reviews <2005 to June 2012>
   - ACP Journal Club <1991 to June 2012>
   - Database of Abstracts of Reviews of Effects <2nd Quarter 2012>
   - EBM Reviews -
     Cochrane Central Register of Controlled Trials <July 2012>
   - EBM Reviews - Cochrane Methodology Register <3rd Quarter 2012>
   - Health Technology Assessment <3rd Quarter 2012>
   - NHS Economic Evaluation Database <3rd Quarter 2012>
4. CINAHL – Ebsco 1937 – July 20, 2012

b. Search Strategy

MEDLINE (508 results)
1. (dialysis or dialyz* or hemodialysis* or haemodialysis).mp.
2. exp Renal Insufficiency, Chronic/
3. (end stage kidney disease or end stage renal disease).mp.
4. 1 or 2 or 3
5. *Peritoneal Dialysis/
6. 4 not 5
7. exp Arteriovenous Fistula/ or exp Arteriovenous Shunt, Surgical/
8. (arteriovenous fistula* or av fistula* or avf).mp.
9. 7 or 8
10. catheterization/ or exp catheterization, peripheral/
11. cannulat*.mp.
12. (button hole or buttonhole or constant site or rotating site or site rotati* or rope ladder).mp.
13. 10 or 11 or 12
14. 6 and 9 and 13
15. 9 and 12
16. 6 and 12
17. 14 or 15 or 16
18. (renal or kidney or dialysis or nephro*).af.
19. 12 and 18
20. 17 or 19

EMBASE (406 results)
1. (dialysis or dialyz* or hemodialysis* or haemodialysis).mp.
2. renal replacement therapy/
3. (end stage kidney disease or end stage renal disease).mp.
4. chronic kidney failure/

5. or/1-4
6. *Peritoneal Dialysis/
7. 5 not 6
8. arteriovenous fistula/ or kidney arteriovenous fistula/
9. (arteriovenous fistula* or avf).ti,ab.
10. cannulat*.ti,ab.
11. (button hole or buttonhole or constant site or rotating site or site rotati* or rope ladder).mp.
12. cannulation/
13. *catheterization/
14. 8 or 9
15. or/10-13
16. 7 and 14 and 15
17. (renal or kidney or dialysis or hemodialysis or haemodialysis or dialyz* or nephro*).af.
18. 11 and 17
19. 16 or 18

All EBM Reviews (15 results)
1. (dialysis or dialyz* or hemodialysis* or haemodialysis).mp.
2. renal replacement therapy/ or exp Renal Insufficiency, Chronic/
3. (end stage kidney disease or end stage renal disease).mp.
4. chronic kidney failure/
5. or/1-4
6. *Peritoneal Dialysis/
7. 5 not 6
8. exp Arteriovenous Fistula/ or exp Arteriovenous Shunt, Surgical/ or kidney arteriovenous fistula/
9. (arteriovenous fistula* or avf).ti,ab.
10. cannulat*.ti,ab.
11. (button hole or buttonhole or constant site or rotating site or site rotati* or rope ladder).mp.
12. cannulation/
13. catheterization/ or exp catheterization, peripheral/
14. 8 or 9
15. or/10-13
16. 7 and 14 and 15
17. (renal or kidney or dialysis or hemodialysis or haemodialysis or dialyz* or nephro*).af.
18. 11 and 17
19. 16 or 18

CINAHL (216 results)
S1 - renal or kidney or dialysis or hemodialysis or haemodialysis or dialyz* or nephro*
S2 - arteriovenous fistula* or AVF

S3 - cannulat* or catheter* or buttonhole* or constant site or rotating site or site rotati* or rope
S4 – S1 AND S2 AND S3
S5 - button hole or buttonhole or constant site or rotating site or site rotati* or rope
S6 – S1 AND S5
S7 – S4 OR S6