

Appendix: Search strategies for all databases in protocol

All searches were conducted with no additional filters or limits.

Medline – 431 results

Ovid MEDLINE(R) ALL

1. exp Renal Insufficiency, Chronic/
2. Chronic Kidney disease*.mp.
3. chronic kidney insufficienc*.mp.
4. chronic renal disease*.mp.
5. chronic renal insufficienc*.mp.
6. CKD.mp.
7. Renal fail*.mp.
8. 12.mp.
9. or/1-8
10. Organizational innovation/
11. clinical audit/ or medical audit/ or nursing audit/
12. Quality Improvement/
13. education/ or education, professional/ or education, continuing/ or education, medical, continuing/ or education, nursing, continuing/ or education, professional, retraining/
14. (Quality adj2 improv*).mp.
15. ((Provider or doctor* or physician* or nurse* or health personnel* or healthcare personnel*) adj4 (educat* or learn* or "reminder system*")).mp.
16. (Organization* adj3 (change* or restructure* or revamp* or reform* or revise* or innovat*)).mp.
17. Audit*.mp.
18. Feedback/
19. [feedback.mp.](#)
20. Physician Incentive Plans/
21. (financ* adj2 incentiv*).mp.
22. (incent* adj2 (plan or plans)).mp.
23. social control, formal/ or government regulation/ or mandatory programs/ or social control policies/ or organizational policy/ or public policy/ or health policy/ or health care reform/
24. regulat*.mp.
25. (policy or policies).mp.
26. or/10-25
27. "Referral and Consultation"/ or (referral* or consultation* or consults or consult).mp.
28. 26 and 27
29. (((Improv* or amerlior* or better* or enhance* or correct* or increase* or progress* or facilitat* or promote* or raise* or augment* or elevate* or appropriate) adj3 (referral* or consultation* or consult or consults)) and (guide* or policy or policies or regulation* or toolkit* or report*)).mp.
30. ((Reduc* or decrese* or lessen* or minimize* or diminish* or lower* or avoid*) adj3 ((unnecessary or avoidable or superfluous or unneeded or irrelevant or late or traditional) adj2 (referral* or consultation* or consult or consults))).mp.
31. wait* time*.mp. and ((referral* or consultation* or consult or consults).mp. or "Referral and Consultation"/) and (guide* or policy or policies or regulation* or toolkit* or reporting).mp.

32. 28 or 29 or 30 or 31

33. 9 and 32

Embase – 1322 results

Ovid platform

1. exp chronic kidney failure/
2. Chronic Kidney disease*.mp.
3. chronic kidney insufficienc*.mp.
4. chronic renal disease*.mp.
5. chronic renal insufficienc*.mp.
6. CKD.mp.
7. Renal fail*.mp.
8. Kidney fail*.mp.
9. or/1-8
10. clinical audit/ or nursing audit/
11. total quality management/
12. education/ or adult education/ or continuing education/ or vocational education/
13. (Quality adj2 improv*).mp.
14. ((Provider or doctor* or physician* or nurse* or health personnel* or healthcare personnel*) adj4 (educat* or learn* or "reminder system*")).mp.
15. (Organization* adj3 (change* or restructure* or revamp* or reform* or revise* or innovat*)).mp.
16. Audit*.mp.
17. feedback.mp.
18. (financ* adj2 incentiv*).mp.
19. (incent* adj2 (plan or plans)).mp.
20. social control/ or government regulation/ or mandatory program/ or organizational policy/ or public policy/ or health care policy/
21. regulat*.mp.
22. (policy or policies).mp.
23. or/10-22
24. exp consultation/ or patient referral/ or (referral* or consultation* or consults or consult).mp.
25. 23 and 24
26. (((Improv* or amerlior* or better* or enhance* or correct* or increase* or progress* or facilitat* or promote* or raise* or augment* or elevate* or appropriate) adj3 (referral* or consultation* or consult or consults)) and (guide* or policy or policies or regulation* or toolkit* or report*)).mp.
27. ((Reduce* or decrese* or lessen* or minimize* or diminish* or lower* or avoid*) adj3 ((unnecessary or avoidable or superfluous or unneeded or irrelevant or late or traditional) adj2 (referral* or consultation* or consult or consults))).mp.
28. wait* time*.mp. and ((referral* or consultation* or consult or consults).mp. or exp consultation/ or patient referral/) and (guide* or policy or policies or regulation* or toolkit* or reporting).mp.
29. 25 or 26 or 27 or 28
30. 9 and 29

PsycINFO – 15 results

APA PsycInfo, Ovid platform

1. kidney diseases/

2. Chronic Kidney disease*.mp.
3. chronic kidney insufficienc*.mp.
4. chronic renal disease*.mp.
5. chronic renal insufficienc*.mp.
6. CKD.mp.
7. Renal fail*.mp.
8. Kidney fail*.mp.
9. or/1-8
10. clinical audits/
11. education/
12. (Quality adj2 improv*).mp.
13. ((Provider or doctor* or physician* or nurse* or health personnel* or healthcare personnel*) adj4 (educat* or learn* or "reminder system*")).mp.
14. (Organization* adj3 (change* or restructure* or revamp* or reform* or revise* or innovat*)).mp.
15. Audit*.mp.
16. feedback.mp.
17. (financ* adj2 incentiv*).mp.
18. (incent* adj2 (plan or plans)).mp.
19. monetary incentives/
20. policy making/ or government policy making/ or health care policy/ or social control/ or health care reform/
21. regulat*.mp.
22. (policy or policies).mp.
23. or/10-22
24. professional consultation/ or professional referral/ or (referral* or consultation* or consults or consult).mp.
25. 23 and 24
26. (((Improv* or amerlior* or better* or enhance* or correct* or increase* or progress* or facilitat* or promote* or raise* or augment* or elevate* or appropriate) adj3 (referral* or consultation* or consult or consults)) and (guide* or policy or policies or regulation* or toolkit* or report*)).mp.
27. ((Reduce* or decrese* or lessen* or minimize* or diminish* or lower* or avoid*) adj3 ((unnecessary or avoidable or superfluous or unneeded or irrelevant or late or traditional) adj2 (referral* or consultation* or consult or consults))).mp.
28. wait* time*.mp. and ((referral* or consultation* or consult or consults).mp. or professional consultation/ or professional referral/) and (guide* or policy or policies or regulation* or toolkit* or reporting).mp.
29. 25 or 26 or 27 or 28
30. 9 and 29

Cochrane – 314 results

Cochrane Central

- #1 MeSH descriptor: [Renal Insufficiency, Chronic] explode all trees
- #2 "Chronic Kidney" NEXT disease*
- #3 "chronic kidney" NEXT insufficienc*
- #4 "chronic renal" NEXT disease*
- #5 "chronic renal" NEXT insufficienc*
- #6 CKD

#7 Renal NEXT fail*
#8 Kidney NEXT fail*
#9 #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8
#10 MeSH descriptor: [Organizational Innovation] this term only
#11 MeSH descriptor: [Clinical Audit] this term only
#12 MeSH descriptor: [Medical Audit] this term only
#13 MeSH descriptor: [Nursing Audit] this term only
#14 MeSH descriptor: [Quality Improvement] this term only
#15 MeSH descriptor: [Education] this term only
#16 MeSH descriptor: [Education, Professional] in all MeSH products
#17 MeSH descriptor: [Education, Continuing] this term only
#18 MeSH descriptor: [Education, Medical, Continuing] this term only
#19 MeSH descriptor: [Education, Nursing, Continuing] this term only
#20 MeSH descriptor: [Education, Professional, Retraining] this term only
#21 Quality NEXT improv*
#22 (Provider OR doctor* OR physician* OR nurse* OR (health NEXT personnel*) OR (healthcare NEXT personnel*)) NEAR/4 (educat* OR learn* OR (reminder NEXT system*))
#23 Organization* NEAR/3 (change* OR restructure* OR revamp* OR reform* OR revise* OR innovat*)
#24 audit*
#25 MeSH descriptor: [Feedback] this term only
#26 Feedback
#27 MeSH descriptor: [Physician Incentive Plans] this term only
#28 financ* NEAR/2 incentiv*
#29 incent* NEAR/2 (plan OR plans)
#30 MeSH descriptor: [Social Control, Formal] this term only
#31 MeSH descriptor: [Government Regulation] this term only
#32 MeSH descriptor: [Mandatory Programs] this term only
#33 MeSH descriptor: [Social Control Policies] this term only
#34 MeSH descriptor: [Organizational Policy] this term only
#35 MeSH descriptor: [Public Policy] this term only
#36 MeSH descriptor: [Health Policy] this term only
#37 MeSH descriptor: [Health Care Reform] this term only
#38 regulat*
#39 policy OR policies
#40 {OR #10-#39}
#41 MeSH descriptor: [Referral and Consultation] this term only
#42 referral* OR consultation* OR consults OR consult
#43 #41 OR #42
#44 #40 AND #43
#45 ((Improv* OR amerlior* OR better* OR enhance* OR correct* OR increase* OR progress* OR facilitat* OR promote* OR raise* OR augment* OR elevate* OR appropriate) NEAR/3 (referral* OR consultation* OR consult OR consults)) AND (guide* OR policy OR policies OR regulation* OR toolkit* OR report*)
#46 ((Reduc* OR decrease* OR lessen* OR minimize* OR diminish* OR lower* OR avoid*) NEAR/3 ((unnecessary OR avoidable OR superfluous OR unneeded OR irrelevant OR late OR traditional) NEAR/2 (referral* OR consultation* OR consult OR consults)))

#47(wait* NEXT time*) AND (#43 AND (guide* OR policy OR policies OR regulation* OR toolkit* OR reporting))
 #48{OR #44-#47}
 #49#9 AND #48

314 results

CINAHL – 251 results

CINAHL Plus with Full Text, EBSCO platform

S1 (MH "Kidney Failure, Chronic")
 S2 "Chronic Kidney disease*"
 S3 "chronic kidney insufficienc*"
 S4 "chronic renal disease*"
 S5 "chronic renal insufficienc*"
 S6 CKD
 S7 "Renal fail*"
 S8 "Kidney fail*"
 S9 S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8
 S10 (MH "Nursing Audit") OR (MH "Audit")
 S11 (MH "Quality Improvement")
 S12 (MH "Education")
 S13 (MH "Refresher Courses")
 S14 (MH "Education, Continuing+") OR (MH "Education, Medical, Continuing") OR (MH "Education, Nursing, Continuing") OR (MH "Education, Continuing (Credit)")
 S15 Quality N2 improv*
 S16 (Provider OR doctor* OR physician* OR nurse* OR "health personnel*" OR "healthcare personnel*") N4 (educat* OR learn* OR "reminder system*")
 S17 Organization* N3 (change* OR restructure* OR revamp* OR reform* OR revise* OR innovat*)
 S18 Audit*
 S19 (MH "Feedback")
 S20 Feedback
 S21 (MH "Physician Incentive Plans")
 S22 financ* N2 incentiv*
 S23 incent* N2 (plan OR plans)
 S24 (MH "Social Control") OR (MH "Public Policy") OR (MH "Health Policy")
 S25 (MH "Government Regulations")
 S26 (MH "Organizational Policies") OR (MH "Hospital Policies")
 S27 (MH "Health Care Reform")
 S28 regulat*
 S29 (policy OR policies)
 S30 S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29
 S31 (MH "Referral and Consultation")
 S32 referral* OR consultation* OR consults OR consult
 S33 S31 OR S32
 S34 S30 AND S33

S35 (((Improv* OR amerlior* OR better* OR enhance* OR correct* OR increase* OR progress* OR facilitate* OR promote* OR raise* OR augment* OR elevate* OR appropriate) N3 (referral* OR consultation* OR consult OR consults)) AND (guide* OR policy OR policies OR regulation* OR toolkit* OR report*))

S36 ((Reduc* OR decrease* OR lessen* OR minimize* OR diminish* OR lower* OR avoid*) N3 ((unnecessary OR avoidable OR superfluous OR unneeded OR irrelevant OR late OR traditional) N2 (referral* OR consultation* OR consult OR consults)))

S37 "wait* time*" AND (S33 AND (guide* OR policy OR policies OR regulation* OR toolkit* OR reporting))

S38 S34 OR S35 OR S36 OR S37

S39 S9 AND S38

WoS – 589 results

Web of Science – All databases

1. TS=("Chronic Kidney disease*" OR "chronic kidney insufficienc*" OR "chronic renal disease*" OR "chronic renal insufficienc*" OR "CKD" OR "Renal fail*" OR "Kidney fail*")
2. TS((((Quality NEAR/2 improv*) OR ((Provider OR doctor* OR physician* OR nurse* OR "health personnel*" OR "healthcare personnel*") NEAR/4 (educat* OR learn* OR "reminder system*")) OR (Organization* NEAR/3 (change* OR restructure* OR revamp* OR reform* OR revise* OR innovat*)) OR Audit* OR Feedback OR (financ* NEAR/2 incentiv*) OR (incent* NEAR/2 (plan OR plans)) OR regulat* OR policy OR policies) AND (referral* OR consultation* OR consults OR consult))))
3. TS(("wait* time*" AND (referral* OR consultation* OR consults OR consult) AND (guide* OR policy OR policies OR regulation* OR toolkit* OR reporting)))
4. TS((((Improv* OR amerlior* OR better* OR enhance* OR correct* OR increase* OR progress* OR facilitat* OR promote* OR raise* OR augment* OR elevate* OR appropriate) NEAR/3 (referral* OR consultation* OR consult OR consults)) AND (guide* OR policy OR policies OR regulation* OR toolkit* OR report*))
5. TS(((Reduc* OR decrease* OR lessen* OR minimize* OR diminish* OR lower* OR avoid*) NEAR/3 ((unnecessary OR avoidable OR superfluous OR unneeded OR irrelevant OR late OR traditional) NEAR/2 (referral* OR consultation* OR consult OR consults))))
6. #2 OR #3 OR #4 OR #5
7. #1 AND #6