**Supplementary table 4. Search strategy 2013-2015.**

**UPDATE SEARCH STRATEGIES**

**MEDLINE 16th June 2015**

Database: Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations <June 16, 2015>, Ovid MEDLINE(R) <1946 to June Week 1 2015>

Search Strategy:

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1 exp prostatic neoplasms/ (98268)

2 "prostate cancer".ti,ab. (77320)

3 "prostatic cancer".ti,ab. (6467)

4 or/1-3 (115280)

5 limit 4 to yr="2013 - 2015" (18984)

6 exp quality of life/ (126704)

7 exp quality-adjusted life years/ (7622)

8 (euroqol\* or aqol\* or QALY).tw. (7386)

9 (utilities adj index).tw. (569)

10 (health adj utility adj index).tw. (128)

11 or/6-10 (135596)

12 (quality adj life).tw. (250)

13 (life adj quality).tw. (4118)

14 or/6-13 (137733)

15 (time adj tradeoff).tw. (217)

16 (standard adj gamble).tw. (705)

17 or/6-16 (137982)

18 5 and 17 (507)

19 exp practice guidelines/ (85975)

20 guideline.pt. (15578)

21 (guideline$1 or consensus).ti. (67615)

22 (decision adj rule$1).ti. (498)

23 or/19-22 (141011)

24 18 and 23 (17)

25 meta-analysis as topic/ (14316)

26 meta analy$.tw. (77120)

27 metaanaly$.tw. (1467)

28 meta-analysis/ (56648)

29 (systematic adj (review$1 or overview$1)).tw. (66782)

30 exp review literature as topic/ (8061)

31 or/25-30 (145881)

32 cochrane.ab. (36715)

33 embase.ab. (36597)

34 (psychlit or psyclit).ab. (884)

35 (psychinfo or psycinfo).ab. (9459)

36 (cinahl or cinhal).ab. (12363)

37 science citation index.ab. (2212)

38 bids.ab. (372)

39 cancerlit.ab. (599)

40 or/32-39 (58573)

41 reference list$.ab. (11104)

42 bibliograph$.ab. (12607)

43 hand-search$.ab. (4440)

44 relevant journals.ab. (804)

45 manual search$.ab. (2708)

46 or/41-45 (28364)

47 selection criteria.ab. (21682)

48 data extraction.ab. (11195)

49 47 or 48 (31137)

50 review/ (1991140)

51 49 and 50 (20330)

52 comment/ (631755)

53 letter/ (883433)

54 editorial/ (380346)

55 animal/ (5498011)

56 human/ (14007866)

57 55 not (55 and 56) (3963496)

58 or/52-54,57 (5324439)

59 31 or 40 or 46 or 51 (176545)

60 59 not 58 (165961)

61 18 and 60 (31)

62 randomized controlled trials as topic/ (98293)

63 randomized controlled trial/ (397471)

64 random allocation/ (83701)

65 double blind method/ (130817)

66 single blind method/ (20604)

67 clinical trial/ (495548)

68 clinical trial, phase i.pt. (15296)

69 clinical trial, phase ii.pt. (24613)

70 clinical trial, phase iii.pt. (10121)

71 clinical trial, phase iv.pt. (1033)

72 controlled clinical trial.pt. (89683)

73 randomized controlled trial.pt. (397471)

74 multicenter study.pt. (188137)

75 clinical trial.pt. (495548)

76 exp clinical trials as topic/ (290365)

77 or/62-76 (1083657)

78 (clinical adj trial$).tw. (238403)

79 ((singl$ or doubl$ or treb$ or tripl$) adj (blind$3 or mask$3)).tw. (136728)

80 PLACEBOS/ (33024)

81 placebo$.tw. (168908)

82 randomly allocated.tw. (18720)

83 (allocated adj2 random$).tw. (21405)

84 or/78-83 (454495)

85 77 or 84 (1249616)

86 case report.tw. (220199)

87 letter/ (883433)

88 historical article/ (317296)

89 or/86-88 (1408713)

90 85 not 89 (1218663)

91 18 and 90 (175)

92 epidemiological studies/ (6231)

93 exp case control studies/ (721382)

94 exp cohort studies/ (1444059)

95 case control.tw. (86169)

96 (cohort adj (study or studies)).tw. (102935)

97 cohort analy$.tw. (4309)

98 (follow up adj (study or studies)).tw. (39321)

99 (observational adj (study or studies)).tw. (53356)

100 longitudinal.tw. (157267)

101 retrospective.tw. (310324)

102 cross sectional.tw. (195768)

103 cross-sectional studies/ (195389)

104 or/92-103 (2058133)

105 18 and 104 (198)

**COCHRANE LIBRARY 17th June 2015**

ID Search

#1 MeSH descriptor: [Prostatic Neoplasms] explode all trees

#2 "prostate cancer":ti,ab

#3 "prostatic cancer":ti,ab

#4 #1 or #2 or #3

#5 MeSH descriptor: [Quality of Life] explode all trees

#6 MeSH descriptor: [Quality-Adjusted Life Years] explode all trees

#7 euroqol:ti,ab or aqol:ti,ab or QALY:ti,ab

#8 "life quality" or "quality next/1 life":ti,ab,kw or "utilities index" or "health utility index" or "time tradeoff" or "standard gamble" (Word variations have been searched)

#9 #5 or #6 or #7 or #8

#10 #4 and #9 Publication Year from 2013 to 2015

**PSYCINFO 19th June 2015**

Search History



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Search ID#  | Search Terms  | Search Options  | Last Run Via  | Results  |
| S39  | S9 AND S38  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | 7  |
| S38  | S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S37  | TX case N2 control N2 stud\*  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S36  | TX cross N2 sectional N2 stud\*  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S35  | TX multicenter N2 stud\*  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S34  | DE "Cohort Analysis"  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S33  | DE "Followup Studies" OR DE "Longitudinal Studies" OR DE "Prospective Studies" OR DE "Retrospective Studies"  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S32  | TX cohort n2 (study or studies)  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL  | Display  |
| S31  | TX observational N2 (study or studies)  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S30  | S9 AND S29  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | 23  |
| S29  | S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S28  | DE "Quantitative Methods"  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S27  | DE "Random Sampling"  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S26  | DE "Placebo"  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S25  | DE "Clinical Trials"  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S24  | TX clinic\* n1 trial\* OR randomi\* control\* trial\*  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S23  | TX random\* allocat\* OR TX placebo\* OR TX allocat\* random\*  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S22  | TX (trebl\* n1 blind\*) or (trebl\* n1 mask\*)  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S21  | TX ( (singl\* n1 blind\*) or (singl\* n1 mask\*) ) OR TX ( (doubl\* n1 blind\*) or (doubl\* n1 mask\*) ) OR TX ( (tripl\* n1 blind\*) or (tripl\* n1 mask\*) )  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S20  | S9 AND S19  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | 6  |
| S19  | S14 not S18  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S18  | S15 OR S16 OR S17  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S17  | PZ editorial OR PZ letter  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S16  | PZ comment/reply  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S15  | DE "Animals" OR DE "Female Animals" OR DE "Infants (Animal)" OR DE "Invertebrates" OR DE "Male Animals" OR DE "Vertebrates"  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S14  | S10 OR S11 OR S12 OR S13  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S13  | DE "Meta Analysis"  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S12  | DE "Literature Review"  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S11  | TX systematic N3 (review or overview)  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S10  | TX Meta analy\* OR Metaanaly\*  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S9  | S5 AND S8  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | 93  |
| S8  | ( QALY OR eurocol OR aqol ) OR "health utilities index" OR ( "standard gamble" OR "time trade off" OR "Rosser Kind" ) OR ( "quality of life" OR "life quality" )  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S7  | "quality adjusted life years"  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S6  | DE "Quality of Life"  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S5  | S3 OR S4  | Limiters - Publication Year: 2013-2015 Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | 425  |
| S4  | "prostatic cancer" OR "prostate cancer"  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S3  | S1 AND S2  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S2  | DE "Oncology"  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |
| S1  | DE "Prostate"  | Search modes - Boolean/Phrase    | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - PsycINFO  | Display  |

**CINAHL 18th June 2015**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Search ID# | Search Terms | Search Options | Last Run Via | Results |
| S37 | S9 AND S36 | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 45 |
| S36 | S31 OR S32 OR S33 OR S34 OR S35 | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 289,864 |
| S35 | TX cohort N2 (study or studies) | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 26,302 |
| S34 | TX observational N2 (study or studies) | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 14,111 |
| S33 | (MH "Correlational Studies") | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 17,136 |
| S32 | (MH "Case Control Studies") | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 30,394 |
| S31 | (MH "Prospective Studies") OR (MH "Nonconcurrent Prospective Studies") OR (MH "Cross Sectional Studies") OR (MH "Concurrent Prospective Studies") OR (MH "Multicenter Studies") | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 240,074 |
| S30 | S9 and S28 | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 82 |
| S29 | S11 AND S28 | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 11,520 |
| S28 | S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 777,206 |
| S27 | (MH "Quantitative Studies") | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 10,911 |
| S26 | (MH "Placebos") | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 7,302 |
| S25 | TX random\* allocat\* OR TX placebo\* OR TX allocat\* random\* | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 30,300 |
| S24 | (MH "Random Assignment") | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 32,168 |
| S23 | TX (trebl\* N1 blind\*) OR (trebl\* N1 mask\*) | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 0 |
| S22 | TX ( (singl\* N1 blind\*) OR (singl\* N1 mask\*) ) OR TX ( ( doubl\* N1 blind\* OR (doubl\* N1 mask\*) ) OR TX ( (tripl\* N1 blind\*) OR (tripl\* N1 mask\*) ) | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 644,682 |
| S21 | PT clinical trials OR TX clinic\* N1 trial\* OR TX randomi\* control\* trial\* | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 158,356 |
| S20 | (MH "Clinical Trials+") | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 128,567 |
| S19 | S9 AND S18 | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 20 |
| S18 | S14 NOT S17 | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 53,611 |
| S17 | S15 OR S16 | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 398,354 |
| S16 | (MH "Animals+") | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 30,833 |
| S15 | PT commentary OR PT letter OR PT editorial | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 372,192 |
| S14 | S10 OR S11 OR S12 OR S13 | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 60,127 |
| S13 | TX systematic N3 (review or overview) | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 47,147 |
| S12 | TX meta analy\* OR metaanaly\* | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 23,670 |
| S11 | (MH "Literature Review+") OR (MH "Systematic Review") | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 25,879 |
| S10 | (MH "Meta Analysis") | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 16,092 |
| S9 | S3 AND S8 | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 164 |
| S8 | S4 OR S5 OR S6 OR S7 | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 68,317 |
| S7 | "quality of life" OR "life quality" OR "time tradeoff" OR "standard gamble" | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 63,432 |
| S6 | "utilities index" OR "health utility index" | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 169 |
| S5 | euroqol OR aqol OR QALY | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 1,409 |
| S4 | (MH "Quality of Life+") OR (MH "Quality-Adjusted Life Years") | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 50,044 |
| S3 | S1 OR S2 | Limiters - Published Date: 20130101-20150731Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 2,054 |
| S2 | "prostate cancer" OR "prostatic cancer" | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 7,444 |
| S1 | (MH "Prostatic Neoplasms") | Search modes - Boolean/Phrase  | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL | 10,902 |
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