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Appendix 1. Search strategy.

Database: EBM Reviews - Cochrane Central Register of Controlled Trials <May 2015>, EBM Reviews - Cochrane Database of Systematic Reviews <2005 to April 2015>, EBM Reviews - Health Technology Assessment <2nd Quarter 2015>, Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) <1946 to Present>, Embase <1974 to 2015 June 08>

Search Strategy:

-
- 1 exp prostate cancer/ (245044)
 - 2 exp Prostatic Neoplasms/ (270384)
 - 3 (prostat\$ adj3 (cancer\$ or carcinoma\$ or malignan\$ or tumo?r\$ or neoplas\$ or intraepithelial or adeno\$)).tw. (254051)
 - 4 1 or 2 or 3 (314297)
 - 5 exp prostatectomy/ (67362)
 - 6 ((Prostate or prostate) adj3 (resect* or prostatectom*)).tw. (14269)
 - 7 5 or 6 (73954)
 - 8 4 and 7 (45726)
 - 9 exp Lymph Node Excision/ or exp lymph node dissection/ (71063)
 - 10 (lymphadenectom* or (lymph* and node*) or LN or LND or LNE).tw,kw. (412792)
 - 11 exp sentinel lymph node biopsy/ or exp Sentinel Lymph Node Biopsy/ (19309)
 - 12 (sentinel adj2 node*).tw. (26849)
 - 13 or/9-12 (439111)
 - 14 8 and 13 (5966)
 - 15 (children/ not adult/) or ((children or pediatric* or paediatric* or infants) not (aged or adult* or men or women)).ti. (2408599)
 - 16 14 not 15 (5964)
 - 17 limit 16 to yr="1980 -Current" (5920)
 - 18 limit 17 to english language [Limit not valid in CDSR; records were retained] (5314)
 - 19 ((exp animals/ or exp nonhuman/ or exp animal experiment/) not humans/) or ((rats or mice or mouse or cats or dogs or in vitro or cell lines) not (human* or men or women)).ti. (10346942)
 - 20 18 not 19 (5291)
 - 21 random:.mp. or tu.xs. (5890316)
 - 22 randomized controlled trial.pt. (750335)
 - 23 controlled clinical trial.pt. (174354)
 - 24 trial*.mp. (3231277)
 - 25 groups.ab. (3598260)
 - 26 double-blind:.mp. or blind:.tw. (804072)
 - 27 exp health care quality/ (7694439)
 - 28 (longitudinal or prospective* or retrospective*).tw. (2542077)
 - 29 exp controlled study/ or exp major clinical study/ (6208844)
 - 30 exp cohort analysis/ or exp Cohort Studies/ (1754326)
 - 31 (cohort or cohorts).tw. (814493)
 - 32 exp case control study/ or exp Case-Control Studies/ (830435)
 - 33 exp cross-sectional study/ or exp Cross-Sectional Studies/ (344260)
 - 34 (case control or case-control or (case* adj2 control*)).tw. (239756)

- 35 ((epidemiolog* adj2 (study or studies or method*)) or cross sectional).tw.
(600089)
- 36 (followed or follow up).tw. or exp follow up/ or exp Follow-Up Studies/
(3748869)
- 37 exp comparative study/ or (comparative or comparison or compared or
controlled).tw. (9903121)
- 38 (systematic review or meta analysis).ti,ab,pt. or meta analysis/ (298885)
- 39 (Medline or Embase or Cochrane).ab. (189069)
- 40 or/21-39 (24633838)
- 41 20 and 40 (4603)
- 42 (case report/ or case reports/) not (literature review or systematic review).tw.
(3715283)
- 43 41 not 42 (4507)
- 44 note/ or editorial/ or letter/ or Comment/ or news/ (3522644)
- 45 43 not 44 (4377)
- 46 remove duplicates from 45 (3263)
