

Supplementary data: Radiotherapy with radical cystectomy for bladder cancer: A systematic review and meta-analysis

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Appendix 1: Search strategy

Database: Epub ahead of print, in-process, and other non-indexed citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>

Search strategy: August 30, 2016

- 1 Cystectomy/ (6872)
- 2 cystectom\$.tw. (11733)
- 3 Urinary Bladder Neoplasms/su (10690)
- 4 (surg\$ and (bladder adj4 (carcinoma or cancer or neoplasm\$))).tw. (4651)
- 5 (preoperat\$ and (bladder adj4 (carcinoma or cancer or neoplasm\$))).tw. (1193)
- 6 (pre-operat\$ and (bladder adj4 (carcinoma or cancer or neoplasm\$))).tw. (155)
- 7 or/1-6 (20642)
- 8 exp Radiotherapy/ (157003)
- 9 (radiotherapy or radiation or irradiation or radiochemotherapy).tw. (496154)
- 10 8 or 9 (546988)
- 11 7 and 10 (2644)
- 12 randomized controlled trial.pt. (429162)
- 13 controlled clinical trial.pt. (91611)
- 14 placebo.tw. (183145)
- 15 clinical trials as topic/ (179127)
- 16 clinical trial\$.pt. (537594)
- 17 multicenter study.pt. (210068)
- 18 random\$.tw. (880832)
- 19 trial\$.tw. (783090)
- 20 or/12-19 (1851908)
- 21 11 and 20 (523)
- 22 ("20140228" or 201403* or 201404* or 201405* or 201406* or 201407* or 201408* or 201409* or 20141* or 2015* or 2016*).dc. (3102971)
- 23 21 and 22 (52)

Database: Embase Classic+Embase <1947 to 2016 August 29>

Search strategy:

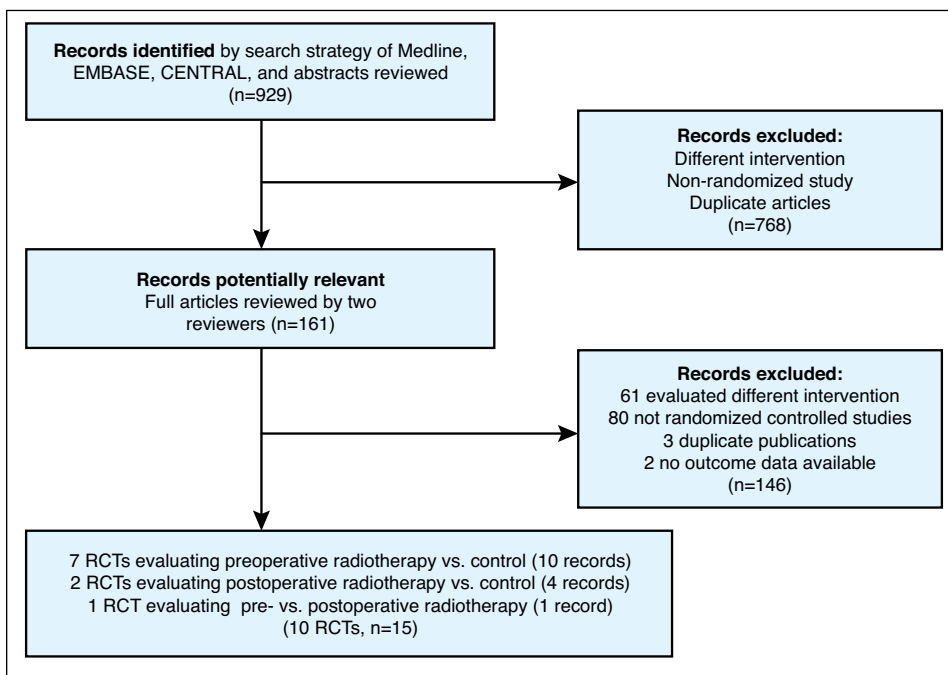
- 1 Cystectomy/ (21609)
- 2 cystectom\$.tw. (18567)
- 3 bladder cancer/su [Surgery] (5442)
- 4 bladder cancer/ and cancer surgery/ (1737)
- 5 (surg\$ and (bladder adj4 (carcinoma or cancer or neoplasm\$))).tw. (7723)
- 6 (preoperat\$ and (bladder adj4 (carcinoma or cancer or neoplasm\$))).tw. (1880)
- 7 (pre-operat\$ and (bladder adj4 (carcinoma or cancer or neoplasm\$))).tw. (339)
- 8 or/1-7 (31225)

Appendix 1 (cont'd): Search strategy**Database: Embase Classic+Embase <1947 to 2016 August 29> (cont'd)**

- 9 exp radiotherapy/ or cancer radiotherapy/ (518705)
- 10 (radiotherapy or irradiation or radiation or radiochemotherapy).tw. (694496)
- 11 9 or 10 (870673)
- 12 8 and 11 (4958)
- 13 random\$.tw. or placebo\$.mp. or double-blind\$.tw. (1368052)
- 14 trial\$.tw. (1056031)
- 15 *clinical trial/ or randomized controlled trial/ or *controlled clinical trial/ or *multicenter study/ or *phase 1 clinical trial/ or *phase 2 clinical trial/ or *phase 3 clinical trial/ or *phase 4 clinical trial/ (457576)
- 16 or/13-15 (2000165)
- 17 12 and 16 (724)
- 18 ("20140228" or 201403* or 201404* or 201405* or 201406* or 201407* or 201408* or 201409* or 20141* or 2015* or 2016*).dd. (4469206)
- 19 17 and 18 (141)

Database: EBM reviews - Cochrane central register of controlled trials <July 2016>**Search strategy:**

- 1 Cystectomy/ (184)
- 2 Cystectom*.tw,kw. (526)
- 3 Urinary Bladder Neoplasms/su (33)
- 4 (surg\$ and (bladder adj4 (carcinoma or cancer or neoplasm\$))).tw,kw. (261)
- 5 (preoperat\$ and (bladder adj4 (carcinoma or cancer or neoplasm\$))).tw,kw. (76)
- 6 (pre-operat\$ and (bladder adj4 (carcinoma or cancer or neoplasm\$))).tw. (15)
- 7 or/1-6 (751)
- 8 exp Radiotherapy/ (4890)
- 9 (radiotherapy or radiation or irradiation or radiochemotherapy).tw,kw. (20454)
- 10 8 or 9 (21221)
- 11 7 and 10 (114)

**Supplementary Fig. 1.** PRISMA flow chart for study search and selection. RCT: randomized controlled trial.