

Database: EBM Reviews - Cochrane Central Register of Controlled Trials <March 2015>, EBM Reviews - Cochrane Database of Systematic Reviews <2005 to March 2015>, Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) <1946 to Present>, Embase <1974 to 2015 April 17>  
Search Strategy:

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- 1 exp Lower Urinary Tract Symptoms/ (39576)
- 2 ((lower urinary or bladder or urethra\* or urination or LUT) adj4 (symptom\* or complain\*)).tw. (22897)
- 3 LUTS.tw. (7570)
- 4 exp prostate hypertrophy/ (29528)
- 5 exp Prostatic Hyperplasia/ (49111)
- 6 (benign and (prostate or prostatic) and (obstruction or enlargement)).kw,tw. (6267)
- 7 ((prostate or prostatic) adj3 (hyperplasia or hypertrophy)).tw,kw. (37807)
- 8 (BPH or BPO or BPE or BOO or OAB).tw. (31303)
- 9 exp overactive bladder/ (12601)
- 10 ((Overactive or overactivity or over activit\*) adj2 (bladder or detrusor)).kw,tw. (16438)
- 11 (((detrusor or bladder) adj2 (underactivit\* or failure or acontractile or hypocontract\*)) or DUA).tw,kw. (1310)
- 12 exp bladder obstruction/ or exp bladder neck stenosis/ or exp Urinary Bladder Neck Obstruction/ (10462)
- 13 (bladder adj2 (neck sclerosis or neck obstruction or outlet obstruction or outflow obstruction or obstructed voiding)).tw,kw. (7692)
- 14 or/1-13 (127299)
- 15 limit 14 to yr="2014 -Current" (8743)
- 16 limit 15 to english language [Limit not valid in CDSR; records were retained] (8361)
- 17 exp men/ (6268734)
- 18 (men or male).tw. (2263414)
- 19 17 or 18 (7506662)
- 20 16 and 19 (3866)
- 21 (exp animals/ 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. (8992848)
- 22 20 not 21 (3659)
- 23 (urinary tract infection\* or prostatitis or stones or neurogenic or urethral stricture\* or trauma).ti. (168562)
- 24 (cancer\* or carcinoma or tumour or tumor or neoplasm\* or nocturia).ti. (2673479)
- 25 23 or 24 (2840894)

26 (non or "not" or without or excluding or other than).ti. (1363133)  
27 25 not 26 (2716085)  
28 22 not 27 (3029)  
29 (children/ not adult/) or ((children or pediatric\* or paediatric\*) not (aged or adult\* or men or women)).ti. (2228977)  
30 28 not 29 (2944)  
31 case report/ or case reports/ or (case report or case series).ti. (3789008)  
32 30 not 31 (2718)  
33 note/ or editorial/ or letter/ or Comment/ or news/ (3487988)  
34 32 not 33 (2586)  
35 conference abstract.pt. (1809617)  
36 34 not 35 (1704)  
37 remove duplicates from 36 (1233)  
38 (Systematic review or meta-analysis).tw.pt. (254411)  
39 Meta analysis/ (146356)  
40 (Medline or Embase or Cochrane).tw. (189861)  
41 random:.mp. or randomized controlled trial.pt. (2600447)  
42 double-blind:.mp. or placebo:.tw. or blind:.tw. (992771)  
43 clinical trial:.mp. or controlled clinical trial.pt. (2165611)  
44 exp epidemiology/ or exp Epidemiologic Methods/ (7054484)  
45 exp cohort analysis/ or exp Cohort Studies/ (1724852)  
46 (cohort adj3 (study or studies or analy\*)).tw. (291254)  
47 exp cross-sectional study/ or exp Cross-Sectional Studies/ (333987)  
48 ((epidemiolog\* adj2 (study or studies or method\*)) or cross sectional).tw. (585842)  
49 (followed or follow up).tw. or exp follow up/ or exp Follow-Up Studies/ (3685488)  
50 exp longitudinal study/ or exp Longitudinal Studies/ (267966)  
51 (longitudinal or prospective\$).tw. (1526084)  
52 ((comparative or comparison or evaluat\* or multicenter) adj3 (studies or study)).tw. (1070100)  
53 ((population or hospital) adj based).tw. (226940)  
54 controlled study/ or major clinical study/ (5960772)  
55 comparative study/ (2369057)  
56 (groups or trial\* or controlled or compared).tw. (9751373)  
57 or/38-56 (21390773)  
58 37 and 57 (1068)  
59 38 or 39 or 40 or 41 or 42 (3185420)  
60 58 and 59 (317)  
61 58 not 60 (751)

62 60 or 61 (1068)

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