

Database: EBM Reviews - Cochrane Central Register of Controlled Trials <April 2016>, EBM Reviews - Cochrane Database of Systematic Reviews <2005 to May 25, 2016>, Embase <1974 to 2016 May 31>, Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>

Search Strategy:

- 1 exp Lower Urinary Tract Symptoms/ 43859
- 2 ((lower urinary or bladder or urethra* or urination or LUT) adj4 (symptom* or complain*)).tw.26026
- 3 LUTS.tw. 8870
- 4 exp prostate hypertrophy/ 31024
- 5 exp Prostatic Hyperplasia/ 51784
- 6 (benign and (prostate or prostatic) and (obstruction or enlargement)).kw,tw. 6822
- 7 ((prostate or prostatic) adj2 (hyperplasia or hypertroph* or adenoma*)).tw,kw.42151
- 8 (BPH or BPO or BPE or BOO or OAB).tw.34893
- 9 exp overactive bladder/ 14476
- 10 ((Overactive or overactivity or over activit*) adj2 (bladder or detrusor)).kw,tw. 18941
- 11 (((detrusor or bladder) adj2 (underactivit* or failure or acontractile or hypocontract*)) or DUA).tw,kw. 1523
- 12 exp bladder obstruction/ or exp bladder neck stenosis/ or exp Urinary Bladder Neck Obstruction/ 11236
- 13 (bladder adj3 (sclerosis or obstruction or obstructed voiding or neck strangulation or stenosis or stenoses or scleroses or contracture or stricture* or narrow* or fistula*)).tw,kw. 12429
- 14 or/1-13 141676
- 15 limit 14 to english language [Limit not valid in CDSR; records were retained] 115596
- 16 male/ or (men or man or male*).tw,af. 15353994
- 17 15 and 16 67885
- 18 ((exp animals/ or exp animal/ or exp nonhuman/ or exp animal experiment/ or animal model/ or animal tissue/ or non human/) not (humans/ or human/)) or ((rats or mice or mouse or cats or dogs or animal* or cell lines) not (human* or men or women)).ti. 10614029
- 19 17 not 18 63443
- 20 (urinary tract infection* or prostatitis or stones or neurogenic or urethral stricture* or trauma).ti. 207287
- 21 (cancer* or carcinoma* or tumour or tumor or neoplasm* or nocturia).ti. 3017652
- 22 20 or 21 3222960
- 23 (non or "not" or without or excluding or other than).ti. 1540357
- 24 22 not 23 3076078
- 25 19 not 24 51855
- 26 ((child/ or Pediatrics/ or Adolescent/ or Infant/ or adolescence/ or newborn/) not adult/) or ((baby* or babies or child or children or pediatric* or paediatric* or peadiatric* or infant* or infancy or neonat* or newborn* or new born or kid or kids or adolescen* or preschool or pre-school or toddler* or student*) not (aged or adult* or senior or men or women)).ti. 4304072
- 27 case report/ or case reports/ or (case report or case series).ti. 3973739
- 28 note/ or editorial/ or letter/ or Comment/ or news/ 3690709
- 29 conference abstract.pt. or Congresses as Topic/2341190
- 30 26 or 27 or 28 or 29 12729491
- 31 25 not 30 38791
- 32 (Systematic review or meta-analysis).tw,kw. 305757
- 33 Meta analysis/ or "systematic review"/ 240466
- 34 (Medline or Embase or Cochrane or Pubme or literature search or literature review).tw. 371623
- 35 random:.mp. or randomized controlled trial.pt. 2910629

36 double-blind:.mp. or placebo:.tw. or blind:.tw. 1086666
37 clinical trial:.mp. or controlled clinical trial.pt. 2342465
38 exp cohort analysis/ or exp Cohort Studies/ 1901435
39 (cohort or cohorts).tw. 950386
40 prospective\$.tw. 1374563
41 ((comparative or comparison or evaluat* or multicenter) adj3 (studies or study)).tw.
1215771
42 ((population or hospital) adj based).tw. 259964
43 controlled study/ or major clinical study/ 6400515
44 comparative study/ 2453432
45 (groups or trial* or controlled or compared).tw. 10807726
46 ((diagnostic adj (accuracy or performance or value*)) or sensitiv* or specific* or predictive
value* or NPV or PPV).tw. 7339690
47 (criterion standard* or false negative or false positive or gold standard* or reference
standard* or receiver operat* curve* or ROC or SROC or screening).tw. 1231191
48 (likelihood ratio* or positive test likelihood or negative test likelihood or post test probability
or posttest probability or post test likelihood or posttest likelihood or pre test likelihood or pretest
likelihood).tw. 27511
49 exp diagnostic test accuracy study/ or exp diagnostic accuracy/ 225628
50 exp diagnostic procedure/ or exp diagnostic test/ 13932304
51 exp "Sensitivity and Specificity"/ or exp sensitivity analysis/ 810432
52 exp "Predictive Value of Tests"/ or exp predictive value/ 261493
53 exp False Negative Reactions/ or exp False Positive Reactions/ 215582
54 exp Likelihood Functions/ or exp Reference Standards/ 559224
55 exp ROC Curve/ or receiver operating characteristic/ 100830
56 or/32-55 30062104
57 31 and 56 29583
58 limit 57 to ed=20150417-20160531 use ppez [Limit not valid in CCTR,CDSR,Embase; records
were retained] 871
59 limit 57 to dd=20150417-20160531 use oomezd [Limit not valid in CCTR,CDSR,Ovid
MEDLINE(R),Ovid MEDLINE(R) Daily Update,Ovid MEDLINE(R) In-Process,Ovid MEDLINE(R) Publisher;
records were retained] 1009
60 limit 57 to em=201515-201622 use oomezd [Limit not valid in CCTR,CDSR,Ovid
MEDLINE(R),Ovid MEDLINE(R) Daily Update,Ovid MEDLINE(R) In-Process,Ovid MEDLINE(R) Publisher;
records were retained] 1097
61 limit 57 to yr="2015 -current" use cctr 174
62 limit 57 to yr="2015 -current" use coch 14
63 or/58-62 2158
64 remove duplicates from 63 1622
