

Database: OVID Medline Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to Present, Embase <1974 to 2018 May 25>, EBM Reviews - Cochrane Database of Systematic Reviews <2005 to May 23, 2018>, EBM Reviews - Cochrane Central Register of Controlled Trials <April 2018>

Search Strategy:

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- 1 exp neurogenic bladder/ or exp Urinary Bladder, Neurogenic/ (17244)
  - 2 (NLUTD or NLUTDs).tw,kw. (190)
  - 3 ((neurogen\* or neuropathic or neurologic\* or neuro-urological) adj3 (bladder or lower urinary tract or LUTS or LUT or LUTD)).tw,kw. (13695)
  - 4 or/1-3 (22437)
  - 5 exp Urinary Incontinence/ or exp stress incontinence/ or exp urge incontinence/ or exp mixed incontinence/ (100858)
  - 6 exp Lower Urinary Tract Symptoms/ or exp Urinary Retention/ (77151)
  - 7 ((urine or urinate or stress or urge or mixed or over flow) adj5 incontinen\*).tw,kw. (40316)
  - 8 exp overactive bladder/ or exp bladder dysfunction/ (23232)
  - 9 ((urinary or bladder or detrusor) adj3 (dysfunction or incontinen\* or overactiv\* or over activit\* or retention or hyperreflexia or dyssynergia or deterioration)).ti,kw. (57246)
  - 10 (detrusor adj2 (underactivit\* or failure or acontractile or hypocontract\*)).tw,kw. (1252)
  - 11 (urgency frequency or urge symptoms or Urinary Distress or loss of compliance or low compliance).tw,kw. (7119)
  - 12 or/5-11 (170794)
  - 13 (neurogen\* or neuropathic or neurologic\* or neuro-urological).tw,kw. (816197)
  - 14 Nervous System Diseases/ or cerebrovascular disease/ or Cerebrovascular Disorders/ or cerebrovascular accident/ (416007)
  - 15 spinal cord disease/ or Spinal Cord Diseases/ or Alzheimer Disease/ or meningomyelocele/ or multiple sclerosis/ (455006)
  - 16 Parkinson disease/ or meningomyelocele/ or meningocele/ (210734)
  - 17 diabetes mellitus/ or (diabetes or diabetic).tw,kw. (1541780)
  - 18 ((spina\* adj cord) or spina bifida or spina\* dysraphism).tw,kw. (309758)
  - 19 (multiple sclerosis or Parkinson\* or Alzheimer\* or myelitis or multiple systematic atroph\*).tw,kw. (713431)
  - 20 (dementia\* or progressive supranuclear palsy or corticobasal degeneration or mental retardation or cerebral palsy).tw,kw. (359561)
  - 21 ((cerebral vascular or nervous system or cerebrovascular) adj2 (disease\* or disorder\* or accident\* or insult)).tw,kw. (104612)
  - 22 (meningocele or meningomyelocele or myelomeningocele or myelodysplastic or meningitis).tw,kw. (163744)
  - 23 (Stroke or strokes or poststroke or cerebral tumor\* or brain tumor\* or trauma\*).tw,kw. (1405656)

- 24 (nerve tube defects or lumbar spine Degenerative disease\* or disk prolapse or disk hernia).tw,kw. (1672)
- 25 (lumbar canal stenosis or cauda syndrome or hydrocephalus or encephalitis).tw,kw. (134910)
- 26 (iatrogenic pelvic nerve lesion\* or peripheral neuropathy or tethered cord).tw,kw. (46651)
- 27 or/13-26 (5060709)
- 28 12 and 27 (32785)
- 29 4 or 28 (47926)
- 30 (Systematic review or meta-analysis).tw,kw. (428621)
- 31 Meta analysis/ or "systematic review"/ (339089)
- 32 (Medline or Pubmed or Embase or Cochrane or literature search or literature review).tw. (554088)
- 33 random:.mp. or randomized controlled trial.pt. (3468513)
- 34 clinical trial:.mp. or controlled clinical trial.pt. (2876616)
- 35 double-blind:.mp. or placebo:.tw. or blind:.tw. (1252655)
- 36 prospective\*.tw. (1652760)
- 37 exp cohort analysis/ or exp Cohort Studies/ (2258437)
- 38 (cohort or cohorts).tw. (1261631)
- 39 (followed or follow up).tw. or exp follow up/ or exp Follow-Up Studies/ (4757476)
- 40 exp longitudinal study/ or exp Longitudinal Studies/ or longitudinal.tw. (686343)
- 41 comparative study/ or controlled study/ or major clinical study/ (10069046)
- 42 ((comparative or comparison or evaluat\* or multicenter or epidemiolog\*) adj3 (studies or study)).tw. (1685190)
- 43 ((population or hospital) adj based).tw. (312994)
- 44 (groups or trial\* or controlled or compared).tw. (12632912)
- 45 drug therapy.fs. (5579889)
- 46 exp diagnostic test accuracy study/ or exp diagnostic accuracy/ (277638)
- 47 exp "Sensitivity and Specificity"/ or exp "sensitivity and sensibility"/ or exp sensitivity analysis/ (1020588)
- 48 ((diagnostic adj (accuracy or performance or value\*)) or sensitiv\* or specific\* or predictive value\* or "NPV" or "PPV").tw. (8325497)
- 49 exp "Predictive Value of Tests"/ or exp predictive value/ (317915)
- 50 exp Likelihood Functions/ or exp Reference Standards/ (604482)
- 51 exp False Negative Reactions/ or exp False Positive Reactions/ (68846)
- 52 exp \*diagnostic procedure/ or exp \*diagnostic test/ (3715929)
- 53 exp ROC Curve/ or receiver operating characteristic/ (138621)
- 54 (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. (1467902)
- 55 (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. (33261)

56 or/30-55 (32702954)  
57 29 and 56 (33913)  
58 (exp animals/ or exp animal/ or exp nonhuman/ or exp animal experiment/ or animal model/ or animal tissue/ or non human/ or (rat or rats or mice or mouse or swine or porcine or murine or sheep or lambs or pigs or piglets or rabbit or rabbits or cat or cats or dog or dogs or cattle or bovine or monkey or monkeys or trout or marmoset\$1).ti.) not (humans/ or human/ or human experiment/ or (human\* or men or women or patients or subjects).tw.) (10182210)  
59 (child/ or Pediatrics/ or Adolescent/ or Infant/ or adolescence/ or newborn/ 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\*).ti.) not (adult/ or aged/ or (aged or adult\* or elder\* or senior\* or men or women).tw.) (3700008)  
60 conference abstract.pt. or Congresses as Topic/ or Conference Review.pt. or "Journal: Conference Abstract".pt. (3243094)  
61 note/ or editorial/ or letter/ or Comment/ or news/ or (note or editorial or letter or Comment or news).pt. (4153659)  
62 case report/ or case reports/ or case report.ti. (4257009)  
63 or/58-62 (23251412)  
64 57 not 63 (19437)  
65 limit 64 to yr="2017 -Current" (1459)  
66 limit 65 to ed=20170601-20180528 use ppez [Limit not valid in Embase,CDSR,CCTR; records were retained] (163)  
67 limit 65 to dd=20170601-20180528 use oomezd [Limit not valid in Ovid MEDLINE(R),Ovid MEDLINE(R) Daily Update,Ovid MEDLINE(R) In-Process,Ovid MEDLINE(R) Publisher,CDSR,CCTR; records were retained] (200)  
68 65 and (201707\* or 201708\* or 201709\* or 201710\* or 201711\* or 201712\* or 2018\*).ep. use ppez (161)  
69 65 and (201707\* or 201708\* or 201709\* or 201710\* or 201711\* or 201712\* or 2018\*).dc. use oomezd (670)  
70 65 and ("2017 07 \*" or "2017 08 \*" or "2017 09 \*" or "2017 10 \*" or "2017 11 \*" or "2017 12 \*" or "2018 \*").dt. use ppez (215)  
71 limit 65 to yr="2017 -current" use cctr (43)  
72 limit 65 to yr="2017 -current" use coch (13)  
73 65 and "2018".dp. (41)  
74 or/66-73 (1104)  
75 remove duplicates from 74 (904)

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