
Database: Embase <1974 to 2025 May 09>, Ovid MEDLINE(R) ALL <1946 to May 09, 2025>

Search Strategy:

- 1 exp neurogenic bladder/ or exp Urinary Bladder, Neurogenic/ (20803)
- 2 (NLUTD or NLUTDs).ti,ab. (629)
- 3 ((neurogen* or neuropath* or neurolog* or neuro-urological) adj2 (bladder or lower urinary tract or LUTS or LUT or LUTD or detrusor)).ab. (15900)
- 4 ((neurogen* or neuropath* or neurolog* or neuro-urological) and (bladder or lower urinary tract or detrusor or urology)).ti. (8312)
- 5 or/1-4 (28297)
- 6 urine incontinence/ or Urinary Incontinence/ or stress incontinence/ or urge incontinence/ or emixed incontinence/ or Lower Urinary Tract Symptoms/ or Urinary Retention/ (182958)
- 7 ((bladder or lower urinary tract or LUT) adj symptom*).ti,ab. (35211)
- 8 ((urine or urinae or urinate or urinary or stress or urge or mixed or bladder or over flow) adj incontinen*).ti,ab. (93088)
- 9 overactive bladder/ or bladder dysfunction/ (36031)
- 10 ((bladder or detrusor) adj (dysfunction or incontinen* or overactiv* or over activit* or retention or hyperreflexia or dyssynergia or deterioration)).ti,ab. (24040)
- 11 (detrusor adj (underactivit* or under activ* or failure or acontractile or hypocontract*)).ti,ab. (1907)
- 12 (Urinary urgency or urgency frequency or urge symptoms or Urinary Distress or bladder compliance or intrinsic sphincter deficienc*).ti,ab. (11090)
- 13 or/6-12 (242713)
- 14 (neurogen* or neuropathic or neurologic* or neuro-urological).ti,ab. (1227864)
- 15 exp *Nervous System Diseases/ or exp *cerebrovascular disease/ or exp *Cerebrovascular Disorders/ or exp *cerebrovascular accident/ (5620197)
- 16 exp *spinal cord disease/ or exp *Spinal Cord Diseases/ or exp *Alzheimer Disease/ or exp *meningomyelocele/ or exp *multiple sclerosis/ (793644)
- 17 exp *Parkinson disease/ or exp *meningomyelocele/ or exp *meningocele/ (225015)
- 18 *diabetes mellitus/ or (diabetes or diabetic).ti. (1138946)
- 19 exp *spinal dysraphism/ or ((spina* adj cord) or spina bifida or spinal dysraphism* or cleft spine* or open spine*).ti. (183212)
- 20 (multiple sclerosis or Parkinson* or Alzheimer* or myelitis or multiple systematic atroph*).ti. (623728)
- 21 (dementia* or progressive supranuclear palsy or corticobasal degeneration or mental retardation or cerebral palsy).ti. (227761)
- 22 ((cerebral vascular or nervous system or cerebrovascular) and (disease* or disorder* or accident* or insult)).ti. (37286)
- 23 (meningocele or meningomyelocele or myelomeningocele* or myelomeningocele* or myelodysplastic or meningitis).ti. (103800)
- 24 (Stroke or strokes or poststroke or cerebral tum?r* or brain tum?r* or trauma*).ti. (858161)
- 25 (nerve tube defect* or lumbar spine Degenerative disease* or disk prolapse or disk hernia).ti. (922)
- 26 (lumbar canal stenosis or cauda syndrome* or hydrocephalus or encephalitis).ti. (86435)
- 27 (Iatrogenic pelvic nerve lesion* or peripheral neuropathy or tethered cord).ti. (20445)
- 28 or/14-27 (7889018)
- 29 13 and 28 (47541)
- 30 5 or 29 (63146)
- 31 (Systematic review or meta-analysis).ti,ab. (1061959)
- 32 (Medline or Embase or Cochrane or Pubme or literature search or literature review).ab. (1013612)
- 33 random:.mp. or randomized controlled trial.pt. (4431917)
- 34 clinical trial:.mp. or controlled clinical trial.pt. (3545881)
- 35 double-blind:.mp. or placebo:.ti,ab. or blind:.ti,ab. (1359619)
- 36 (groups or trial or controlled or compared).ti,ab. (18308418)
- 37 (cohort or cohorts).ti,ab. (2778589)

- 38 prospective*.ti,ab. (2516970)
 - 39 (followed or follow up or longitudinal).ti,ab. (7062802)
 - 40 ((comparative or comparison or evaluat* or multicenter) adj (studies or study)).ti,ab. (462426)
 - 41 ((population or hospital) adj based).ti,ab. (520383)
 - 42 ((evaluat* or multicenter or epidemiolog*) adj (studies or study)).ti,ab. (387336)
 - 43 controlled study/ or major clinical study/ (13736045)
 - 44 diagnostic test accuracy study/ or diagnostic accuracy/ (541396)
 - 45 (diagnosis or diagnostic or prognostic or prognosis).ti. (1908778)
 - 46 ((diagnostic or predictive or prognostic) adj (accuracy or performance or value*)).ab. (853159)
 - 47 (sensitivity or specificity).ti,ab. (3152635)
 - 48 (risk factor* or screening or surveillance).ti. (1023359)
 - 49 (epidemiolog* or prevalence or incidence).ti. (1024365)
 - 50 (phase III or phase 3).ti,ab. (218916)
 - 51 or/31-50 (36568173)
 - 52 30 and 51 (35327)
 - 53 limit 52 to yr="2023-Current" (4202)
 - 54 limit 53 to english language (4083)
 - 55 (animals/ or animal/) not (humans/ or human/) (6555898)
 - 56 (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 adolescen* or toddler*).ti,ab.) not (adult/ or aged/ or (aged or adult* or elder* or senior* or men or women).ti,ab.) (5174565)
 - 57 (conference abstract or Conference Review).pt. (5484348)
 - 58 note/ or editorial/ or letter/ or Comment/ or news/ or (note or editorial or letter or Comment or news).pt. (5810420)
 - 59 case report/ or case reports/ or (case report or case series or a rare case or a case of).ti. (6135732)
 - 60 or/55-59 (26188155)
 - 61 54 not 60 (2307)
 - 62 limit 61 to ed=20230501-20250510 use medall [Limit not valid in Embase; records were retained] (480)
 - 63 limit 61 to dt=20230501-20250510 use medall [Limit not valid in Embase; records were retained] (619)
 - 64 limit 61 to dd=20230501-20250510 use oomezd [Limit not valid in Ovid MEDLINE(R); records were retained] (1310)
 - 65 limit 61 to dc=20230501-20250510 use oomezd (1413)
 - 66 61 and 2025*.ep. (101)
 - 67 or/62-66 (2079)
 - 68 remove duplicates from 67 (1538)
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