
Database: Embase <1974 to 2025 April 25>, Ovid MEDLINE(R) ALL <1946 to April 25, 2025>

Search Strategy:

- 1 exp *bladder tumor/ or exp *Urinary Bladder Neoplasms/ (130688)
- 2 ((bladder or vesical) and (cancer* or carcinoma* or malign* or tumor* or tumour* or neoplas* or papilloma*)).ti. (114706)
- 3 (bladder and transitional cell and (cancer* or carcinoma*)).ti. (4875)
- 4 Radical cystectomy.ti. (13938)
- 5 or/1-4 (154765)
- 6 ((non-muscle or nonmuscle) adj5 invas*).tw. (16005)
- 7 ((non adj2 invas*) or (without adj2 invas*)).tw. (404240)
- 8 exp carcinoma in situ/ (104066)
- 9 ((low risk or lower risk or superficial or early) adj2 (cancer* or carcinoma* or malign* or tumor* or tumour* or neoplas*)).tw. (167754)
- 10 NMIBC.tw. (8727)
- 11 ((low or lower or I or "0" or "1") adj2 (grad* or stage or staging)).tw. (631735)
- 12 (carcinoma in situ or CIS or Papilloma or low malignant potential or PUNLMP).tw. (442977)
- 13 ((T0 or "T 0" or Ta or T a or T1 or T 1 or TIS or "cT1*" or pT1 or N0 or N0 or M0 M0) adj2 (grad* or stage or staging or TMN)).tw. (23392)
- 14 or/6-13 (1673530)
- 15 5 and 14 (40211)
- 16 exp non muscle invasive bladder cancer/ (7833)
- 17 15 or 16 (41859)
- 18 limit 17 to yr="2024-Current" (3034)
- 19 limit 18 to english language (2980)
- 20 (exp animals/ or exp animal/) not (humans/ or human/) (11230229)
- 21 ((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 or basic research or cell lines or in vitro or animal model or canine) not (human* or men or women or patients or participants)).tw. (8397745)
- 22 (child/ or Pediatrics/ or Adolescent/ or Infant/ or adolescence/ or newborn/) not (adult/ or aged/) (4833849)
- 23 (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 elder* or senior* or men or women).tw. (3016112)
- 24 (conference abstract or Conference Review).pt. (5469571)
- 25 note/ or editorial/ or letter/ or Comment/ or news/ or (note or editorial or letter or Comment or news).pt. (5801980)
- 26 case report/ or case reports/ or (case report or case series or a case of or a rare case).ti. (6125227)
- 27 or/20-26 (32601792)
- 28 19 not 27 (2029)
- 29 (Systematic review or meta-analysis).tw,pt. or Meta analysis/ (1173022)
- 30 (Medline or Pubmed or Embase or Cochrane or literature search or literature review).ab. (1187148)
- 31 random:.mp. or randomized controlled trial.pt. (4372340)
- 32 clinical trial:.mp. or controlled clinical trial.pt. (3441931)
- 33 double-blind:.mp. or placebo:.tw. or blind:.tw. (1334288)
- 34 ((prospective* or retrospective*) adj (stud* or studies or evaluat*)).tw. (1428894)
- 35 cohort analysis/ or Cohort Studies/ (1680434)
- 36 case control study/ or Case-Control Studies/ (579256)
- 37 (cohort stud* or cohorts or prospective*).tw. (3510041)
- 38 (case* adj2 control*).tw. (482305)
- 39 comparative study/ or controlled study/ or major clinical study/ (16206450)
- 40 ((evaluat* or multicenter) adj (studies or study)).tw. (140981)
- 41 (followed or follow up).tw. or follow up/ or Follow-Up Studies/ (7338525)

- 42** ((population or hospital) adj based).tw. (518369)
 - 43** (groups or trial* or controlled or compared).ab. (18637366)
 - 44** or/29-43 (34875287)
 - 45** 28 and 44 (1682)
 - 46** limit 45 to ed=20240506-20250427 use medall [Limit not valid in Embase; records were retained] (414)
 - 47** limit 45 to ez=20240506-20250427 use medall [Limit not valid in Embase; records were retained] (548)
 - 48** limit 45 to dt=20240506-20250427 use medall [Limit not valid in Embase; records were retained] (549)
 - 49** limit 45 to dd=20240506-20250427 use oemezd [Limit not valid in Ovid MEDLINE(R); records were retained] (652)
 - 50** limit 45 to dc=20240506-20250427 use oemezd (715)
 - 51** 45 and 2025*.ep. (163)
 - 52** or/46-51 (1335)
 - 53** gall bladder.tw. or (RNA or DNA or gene or genes or in vivo or in vitro).ti. (3677428)
 - 54** 52 not 53 (1282)
 - 55** (MIBC not NMIBC).tw. (5157)
 - 56** 54 not 55 (1242)
 - 57** remove duplicates from 56 (773)
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