

**Search Strategy:**

- 1** ((upper urinary tract or upper tract) adj5 transitional cell adj5 (cancer\* or carcin\* or malig\* or tumor\* or tumour\* or neoplas\*)).tw. (1445)
  - 2** ((upper urinary tract or upper tract) adj5 (urothelial or urothelium) adj5 (cancer\* or carcin\* or malig\* or tumor\* or tumour\* or neoplas\*)).tw. (8564)
  - 3** (UTUC adj5 (cancer\* or carcin\* or malig\* or tumor\* or tumour\* or neoplas\*)).tw. (4421)
  - 4** ((renal or kidney\*) adj5 (pelvis or calyces) adj5 (cancer\* or carcin\* or malig\* or tumor\* or tumour\* or neoplas\*)).tw. (4942)
  - 5** \*Ureteral Neoplasms/ (5654)
  - 6** ((ureter or ureteral\*) adj3 (cancer\* or carcin\* or malig\* or tumor\* or tumour\* or neoplas\*)).tw. (6473)
  - 7** or/1-6 (21304)
  - 8** limit 7 to yr="2023 -Current" (1598)
  - 9** limit 8 to english language (1552)
  - 10** (exp animals/ or exp animal/) not (humans/ or human/) (10610753)
  - 11** ((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 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)).tw. (8155662)
  - 12** (child/ or Pediatrics/ or Adolescent/ or Infant/ or adolescence/ or newborn/) not (adult/ or aged/) (4678506)
  - 13** (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. (2881966)
  - 14** (conference abstract or Conference Review).pt. (5133758)
  - 15** note/ or editorial/ or letter/ or Comment/ or news/ or (note or editorial or letter or Comment or news).pt. (5600929)
  - 16** case report/ or case reports/ or (case report or case series or a case or a rare case).ti. (5912691)
  - 17** or/10-16 (31272147)
  - 18** 9 not 17 (890)
  - 19** (bladder not (guideline\* or upper tract or urinary tract or urothelial or ureter\* or renal or kidney)).ti. (191277)
  - 20** 18 not 19 (864)
  - 21** (RNA or DNA or gene or genes or in vivo or in vitro).ti. (3534675)
  - 22** 20 not 21 (836)
  - 23** limit 22 to ed=20230501-20240506 use medall [Limit not valid in Embase; records were retained] (204)
  - 24** limit 22 to ez=20230501-20240506 use medall [Limit not valid in Embase; records were retained] (304)
  - 25** limit 22 to dt=20230501-20240506 use medall [Limit not valid in Embase; records were retained] (304)
  - 26** limit 22 to dd=20230501-20240506 use oemezd [Limit not valid in Ovid MEDLINE(R); records were retained] (25)
  - 27** limit 22 to dc=20230501-20240506 use oemezd (331)
  - 28** 22 and 2024\*.ep. (95)
  - 29** or/23-28 (670)
  - 30** remove duplicates from 25 (302)
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