

## Paediatric Urology Guideline: Scope Strategy Acute Scrotum

**Database: EBM Reviews - Cochrane Database of Systematic Reviews <2005 to March 13, 2024>, Embase <1974 to 2024 March 15>, Ovid MEDLINE(R) ALL <1946 to March 15, 2024>**

### Search Strategy:

- 1 (acute\* adj3 (scrotum\* or scrotal\*)).tw,kw. (2720)
- 2 ((scrotal\* or scrotum) adj3 (pain\* or swelling or redness or tenderness or edema\* or oedema\*)).tw,kw. (6864)
- 3 ((testes or testis or testicle) adj3 torsion).tw. (1696)
- 4 spermatic cord torsion.tw,kw. (827)
- 5 exp \*spermatic cord torsion/ (5520)
- 6 (epididymitis or epididymes or epididymis or epididymal or epididymitides).tw,kw. (58870)
- 7 exp epididymis/ or exp epididymitis/ (42082)
- 8 or/1-7 (80912)
- 9 exp Child/ or exp Infant/ or exp Minors/ or exp Adolescent/ or exp adolescence/ or exp Pediatrics/ or exp newborn/ or exp Puberty/ or kindergarten/ or middle school/ or nursery school/ or primary school/ (8210837)
- 10 (adolescen\* or babies or baby or boy? or child\* or girl? or elementary school\* or grade school\* or high school\* or infan\* or junior high\* or juvenil\* or kid? or kindergar\* or middle school\* or minor or minors or neonat\* or neo-nat\* or newborn\* or new-born\* or paediatric\* or peadiatric\* or pediatric\* or perinat\* or preadolescen\* or preschool\* or pre-school\* or preteen\* or pre-teen\* or primary school\* or pubert\* or pubescen\* or school-aged or secondary school\* or teen\* or toddler? or underage\* or under-age\* or youngster\* or youth\* or "under 16" or "under 18").ti,kf,kw. (4369958)
- 11 (adolescen\* or babies or baby or boy? or child\* or girl? or elementary school\* or grade school\* or high school\* or infan\* or junior high\* or juvenil\* or kid? or kindergar\* or middle school\* or minor or minors or neonat\* or neo-nat\* or newborn\* or new-born\* or paediatric\* or peadiatric\* or pediatric\* or perinat\* or preadolescen\* or preschool\* or pre-school\* or preteen\* or pre-teen\* or primary school\* or pubert\* or pubescen\* or school-aged or secondary school\* or teen\* or toddler? or underage\* or under-age\* or youngster\* or youth\* or "under 16" or "under 18").ab. /freq=2 (4014295)
- 12 (pediatric\* or paediatric\* or infan\* or child\* or adolescen\* or young).jn,jw,jx. (1754024)
- 13 (pediatric\* or paediatric\* or infan\* or child\* or adolescen\*).in. (3773775)
- 14 pediatric\*.hw. (402391)
- 15 or/9-14 (11157819)
- 16 8 and 15 (12990)
- 17 (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/) (12741478)
- 18 16 not 17 (10023)
- 19 (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).ti. not (human\* or patients or subjects or participants).tw. (4342298)
- 20 18 not 19 (9850)
- 21 (conference abstract or Conference Review).pt. (5099323)
- 22 20 not 21 (9065)
- 23 case report/ or case reports/ or case report.ti. (5596989)
- 24 note/ or editorial/ or letter/ or Comment/ or news/ or (note or editorial or letter or Comment or news).pt. (5569281)
- 25 22 not (23 or 24) (5774)
- 26 limit 25 to up=20200608-20240318 use coch (9)
- 27 limit 25 to dt=20200608-20240318 use medall [Limit not valid in CDSR,Embase; records were retained] (364)
- 28 limit 25 to dc=20200608-20240318 use oemezd [Limit not valid in CDSR; records were retained] (534)
- 29 limit 25 to dd=20200608-20240318 use oemezd [Limit not valid in CDSR,Ovid MEDLINE(R); records were retained] (29)
- 30 (limit 25 to (ed=20200608-20240318 or ez=20200608-20240318)) use medall [Limit not valid in CDSR,Embase; records were retained] (426)
- 31 or/26-30 (970)
- 32 limit 31 to english language [Limit not valid in CDSR; records were retained] (927)
- 33 remove duplicates from 32 (659)

## Paediatric Urology Guideline: Scope Strategy Daytime LUTS

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**Database: Embase <1974 to 2024 February 01>, Ovid MEDLINE(R) ALL <1946 to February 01, 2024>**

**Search Strategy:**

- 1 exp \*Urinary Incontinence/ or exp \*stress incontinence/ or exp \*urge incontinence/ or exp \*mixed incontinence/ (66866)
- 2 ((urine or urinate or stress or urge or mixed or over flow) adj incontinen\*).tw,kw. (21945)
- 3 (Voiding adj (dysfunction\* or failure\* or disorder\* or impair\* or problem\* or disab\* or abnormal\* or disturbance\* or impotence or insufficienc\*).tw,kw. (9477)
- 4 ((urinary or bladder) adj5 (bowel or colon or colorectal or intestinal or rectum or rectal) adj5 (dysfunction\* or failure\* or disorder\* or impair\* or problem\* or disab\* or abnormal\* or disturbance\* or impotence or insufficienc\*).tw,kw. (6081)
- 5 exp \*bladder dysfunction/ (2349)
- 6 ((Bladder or detrusor or urinary) adj (dyssynergia or dysynergia or dyssinergia or instability)).tw,kw. (3304)
- 7 exp \*detrusor dyssynergia/ (1120)
- 8 exp \*Urinary Bladder, Overactive/ or exp \*overactive bladder/ (14827)
- 9 ((bladder or detrusor or urinary) adj (overactiv\* or over activit\* or dysfunction or hyperreflexia)).tw,kw. (24144)
- 10 exp \*Lower Urinary Tract Symptoms/ or exp \*lower urinary tract symptom/ (45955)
- 11 ((lower urinary tract or LUT) adj (symptom\* or complain\* or disease\* or disorder\* or dysfunction\* or failure\* or impair\* or problem\* or disab\* or abnormal\* or disturbance\* or impotence or insufficienc\*).tw,kw. (32707)
- 12 (LUTD or LUTS).tw,kw. (17782)
- 13 ((bladder or detrusor) adj (underactivit\* or under-activ\* or failure or acontractile or hypocontract\*).tw,kw. (1922)
- 14 (urgency frequency or urge symptoms or Urinary Distress or loss of compliance or low bladder compliance or intrinsic sphincter deficienc\*).tw,kw. (5343)
- 15 or/1-14 (148713)
- 16 exp Child/ or exp Infant/ or exp Minors/ or exp Adolescent/ or exp adolescence/ or exp Pediatrics/ or exp newborn/ or exp Puberty/ or exp Schools/ or high school/ or kindergarten/ or middle school/ or nursery school/ or primary school/ (8554109)
- 17 (baby or babies or child or childhood or children or pediatric\* or paediatric\* or peadiatric\* or infan\* or neonat\* or newborn\* or new born\* or kid or kids or adolescen\* or preschool or pre-school or toddler\*).tw. (5979662)
- 18 (postmatur\* or prematur\* or preterm\* or perinat\* or boy\* or girl\* or teen\* or minors or prepubescen\* or prepuberty\* or pubescen\* or puber\*).tw. (1559273)
- 19 (elementary school\* or high school\* or highschool\* or kindergar\* or nursery school\* or primary school\* or secondary school\* or youth\* or student\* or juvenil\* or underage\* or (under adj age\*) or "under 16" or "under 18" or ((young or early\*) adj (adult\* or women or men or woman or man))).tw. (1792820)
- 20 or/16-19 (11462164)
- 21 15 and 20 (23251)
- 22 (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 or basic research or cell lines or in vitro or animal model or canine).tw.) not (humans/ or human/ or (human\* or patients or subjects).tw.) (12195085)
- 23 21 not 22 (22998)
- 24 conference abstract.pt. or Congresses as Topic/ or Conference Review.pt. (5178419)
- 25 23 not 24 (19636)
- 26 case report/ or case reports/ or case report.ti. (5576731)
- 27 25 not 26 (17526)
- 28 note/ or editorial/ or letter/ or Comment/ or news/ or (note or editorial or letter or Comment or

news).pt. (5549526)  
29 27 not 28 (16828)  
30 limit 29 to english language (14293)  
31 limit 30 to yr="2020 -current" (2447)  
32 remove duplicates from 31 (1604)

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## Paediatric Urology Guideline: Scope Strategy Urinary Tract Infections

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**Database: Embase <1974 to 2024 February 01>, Ovid MEDLINE(R) ALL <1946 to February 01, 2024>**

### Search Strategy:

- 1 exp \*Urinary Tract Infections/ or exp \*Urinary Tract Infections/ (81434)
- 2 ((urinary or urine or urologic or urination or bladder or kidney\* or renal or ureter\* or urethra\* or lower UT or upper UT) adj2 infect\*).tw. (157762)
- 3 exp \*Pyelonephritis/ (20475)
- 4 exp \*Pyonephrosis/ (534)
- 5 exp \*cystitis/ (19997)
- 6 exp \*urosepsis/ (639)
- 7 exp \*asymptomatic bacteriuria/ (1043)
- 8 exp \*leukocyturia/ (183)
- 9 ((LUT or UUT) adj infect\*).tw. (3)
- 10 (UTI or UUTI or LUTI or lower UTI or upper UTI).ti. and infect\*.tw. (1438)
- 11 (pyelonephritis or pyonephrosis).tw. (32067)
- 12 cystitis.tw,kw. (33544)
- 13 male genital tract infect\*.tw. (102)
- 14 urosepsis.tw. (4865)
- 15 (Bacteriuria or bacilluria or pyuria or leukocyturia or funguria).tw. (19851)
- 16 or/1-15 (247923)
- 17 exp Child/ or exp Infant/ or exp Minors/ or exp Adolescent/ (8053255)
- 18 exp adolescence/ or exp Pediatrics/ or exp newborn/ or exp Puberty/ or high school/ or kindergarten/ or middle school/ or nursery school/ or primary school/ (3733708)
- 19 (child or children or childhood or paediatric\* or pediatric\* or peadiatric\*).af. (8313969)
- 20 (baby or babies or infant\* or neonat\* or newborn\* or new born\* or kid or kids or adolescen\* or preschool or pre-school or toddler\*).tw,kw. (2876451)
- 21 (postmatur\* or prematur\* or preterm\* or perinat\* or boy\* or girl\* or teen\* or minors or prepubescen\* or prepuberty\* or pubescen\* or puber\*).tw,kw. (1574120)
- 22 (elementary school\* or high school\* or highschool\* or kindergar\* or nursery school\* or primary school\* or secondary school\* or youth\* or student\* or juvenil\* or Jugend\* schoolchild\* or underage\* or (under adj age\*) or "under 16" or "under 18" or ((young or early\*) adj (adult\* or women or men or woman or man))).tw,kw. (1806778)
- 23 or/17-22 (12557936)
- 24 16 and 23 (68139)
- 25 limit 24 to yr="2020 -Current" (10553)
- 26 (Systematic review or meta-analysis).tw,pt. (962440)
- 27 Meta analysis/ or "systematic review"/ (918978)
- 28 (Medline or Pubmed or Embase or Cochrane or literature search or literature review).ab. (1034215)
- 29 random:.mp. or randomized controlled trial.pt. (4039286)
- 30 clinical trial:.mp. or clinical trial.pt. or controlled clinical trial.pt. (3269835)
- 31 (double-blind: or placebo:).mp. or blind:.tw. (1416167)
- 32 (prospective\* or retrospective\*).tw. (4923697)
- 33 exp cohort analysis/ or exp Cohort Studies/ (3680564)
- 34 (groups or trial\* or controlled).tw. (10091644)
- 35 ((cohort or cohorts) adj3 (study or studies or analy\*)).tw. (1019850)
- 36 (followed or follow up).tw. or exp follow up/ or exp Follow-Up Studies/ (6801502)
- 37 exp longitudinal study/ or exp Longitudinal Studies/ or longitudinal.tw. (905366)
- 38 comparative study/ or controlled study/ or major clinical study/ (15016935)

- 39 ((evaluat\* or multicenter or epidemiolog\*) adj (studies or study)).tw. (358315)  
 40 (compared or comparative or comparison).ti. (1504901)  
 41 or/26-40 (30163293)  
 42 25 and 41 (7871)  
 43 (diagnostic or diagnosis).ti. (1315355)  
 44 (sensitiv\* or specific\*).tw. (11282954)  
 45 exp diagnostic test accuracy study/ or exp diagnostic accuracy/ (476972)  
 46 ((diagnosis or diagnostic) adj3 (accuracy or performance or value\*)).tw. (368690)  
 47 sensitivity/ or specificity/ (372571)  
 48 (AUC or AUCs or ROC or HSROC or HROC).tw. (470197)  
 49 exp "Predictive Value of Tests"/ or exp predictive value/ (481707)  
 50 False Negative Reactions/ or False Positive Reactions/ (95193)  
 51 (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. (49962)  
 52 or/43-51 (13208065)  
 53 25 and 52 (2421)  
 54 42 or 53 (8373)  
 55 (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 or basic research or cell lines or in vitro or animal model or canine).tw.) not (humans/ or human/ or (human\* or men or women or patients or subjects or participants).tw.) (12153597)  
 56 case report/ or case reports/ or (case report or case series or a rare case).ti. (5635523)  
 57 note/ or editorial/ or letter/ or Comment/ or news/ or (note or editorial or letter or Comment or news).pt. (5549526)  
 58 conference abstract.pt. or Congresses as Topic/ or Conference Review.pt. (5178419)  
 59 or/55-58 (26784463)  
 60 54 not 59 (6161)  
 61 limit 60 to english language (5824)  
 62 ((urinary or urine or urologic or urination or bladder or kidney\* or renal or ureter\*or urethra\* or urination or urine or lower UT or upper UT) and infect\*).ti. (71838)  
 63 (UTI or UUTI or LUTI or lower UTI or upper UTI).ti. (2139)  
 64 (pyelonephritis or pyonephrosis).ti. (14925)  
 65 cystitis.ti. (15751)  
 66 male genital tract infect\*.ti. (26)  
 67 urosepsis.ti. (991)  
 68 (Bacteriuria or bacilluria or pyuria or leukocyturia or funguria).ti. (6926)  
 69 or/62-68 (110273)  
 70 61 and 69 (2133)  
 71 remove duplicates from 70 (1434)  
 72 limit 71 to yr="2021 -Current" (1078)
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## Paediatric Urology Guideline: Scope Strategy Testicular Tumours

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**Database:** Embase <1974 to 2024 January 29>, Ovid MEDLINE(R) ALL <1946 to January 29, 2024>

### Search Strategy:

- 1 exp \*testis tumor/ (23577)
- 2 exp \*Testicular Neoplasms/ (46945)
- 3 \*germ cell tumor/ or \*malignant teratoma/ (31808)
- 4 \*seminoma/ or \*teratocarcinoma/ (8276)
- 5 \*teratoma/ or \*seminoma/ (32526)
- 6 ((testicular or testis or testes or germ cell\* or germinal cell\* or intratubular or Paratesticular) adj3 (cancer\* or carcin\* or malig\* or tumor\* or tumour\* or neoplas\* or sarcoma\* or rhabdomyosarcoma)).tw. (75663)
- 7 ((seminomatous or seminomas or nonseminomatous or non-seminomatous or teratoma or

seminoma) adj3 (cancer\* or carcin\* or malig\* or tumor\* or tumour\* or neoplas\*).tw. (14247)

**8** ((germinomatous or nongerminomatous or non-geminomatous) adj3 (cancer\* or carcin\* or malig\* or tumor\* or tumour\* or neoplas\*).tw. (757)

**9** ((Leydig cell or sertoli cell or sex cord or gonadal stromal or non-germ cell\*) adj3 (cancer\* or carcin\* or malig\* or tumor\* or tumour\* or neoplas\*).tw. (9336)

**10** (Yolk sac tumour\* or yolk sac tumor\*).tw. (5407)

**11** exp \*sex cord tumor/ or exp \*Sex Cord-Gonadal Stromal Tumors/ (11892)

**12** exp \*Leydig cell tumor/ or exp \*Sertoli-Leydig Cell Tumor/ (4685)

**13** exp \*Sertoli cell tumor/ (1284)

**14** exp \*gonadoblastoma/ (732)

**15** exp \*androblastoma/ (3320)

**16** exp \*granulosa cell tumor/ (4334)

**17** ((non germ cell\* or Leydig cell\* or interstitial cell\* or Sertoli cell\*) adj3 (cancer\* or carcin\* or malig\* or tumor\* or tumour\* or neoplas\* or adenocarcinoma\* or adenoma\*).tw. (7349)

**18** (androblastoma or gonadoblastoma).tw. (2034)

**19** ((ovarian epithelial or collecting ducts or rete testis) adj3 (cancer\* or carcin\* or malig\* or tumor\* or tumour\* or neoplas\* or adenocarcinoma\* or adenoma\*).tw. (3663)

**20** ((granulosa cell\* or Thecoma fibroma or sex cord or gonadal stromal) adj3 (cancer\* or carcin\* or malig\* or tumor\* or tumour\* or neoplas\* or adenocarcinoma\* or adenoma\*).tw. (9131)

**21** ((stromal or stroma) adj3 (cancer\* or carcin\* or malig\* or tumor\* or tumour\* or neoplas\* or adenocarcinoma\* or adenoma\*).tw. (80088)

**22** ((Adenomatoid or Epididymal or mesenchymal) adj3 (cancer\* or carcin\* or malig\* or tumor\* or tumour\* or neoplas\* or adenocarcinoma\* or adenoma\*).tw. (42324)

**23** (Mesothelioma or Cystadenom or leiomyoma or fibroma or lipoma or haemangioma or cystic lymphangioma or lipoblastoma or melanotic neuroectodermal tumo?r\* or microlithiasis or Epidermoid cyst\*).tw. (123765)

**24** or/3-23 (353479)

**25** exp testis/ or exp Testicular Neoplasms/ (250683)

**26** (testis or testes or testicular or testicle\*).af. (348762)

**27** or/25-26 (384586)

**28** 24 and 27 (70844)

**29** 1 or 2 or 28 (77602)

**30** exp Child/ or exp Infant/ or exp Minors/ or exp Adolescent/ or exp adolescence/ or exp Pediatrics/ or exp newborn/ or exp Puberty/ or exp Schools/ or high school/ or kindergarten/ or middle school/ or nursery school/ or primary school/ (8550670)

**31** (baby or babies or child or childhood or children or pediatric\* or paediatric\* or peadiatric\* or infan\* or neonat\* or newborn\* or new born\* or kid or kids or adolescen\* or preschool or pre-school or toddler\*).tw,kw. (6053810)

**32** (postmatur\* or prematur\* or preterm\* or perinat\* or boy\* or girl\* or teen\* or minors or prepubescen\* or prepuberty\* or pubescen\* or puber\*).tw,kw. (1573317)

**33** (elementary school\* or high school\* or highschool\* or kindergar\* or nursery school\* or primary school\* or secondary school\* or youth\* or student\* or juvenil\* or underage\* or (under adj age\*) or "under 16" or "under 18" or ((young or early\*) adj (adult\* or women or men or woman or man))).tw,kw. (1805399)

**34** or/30-33 (11481211)

**35** 29 and 34 (18961)

**36** (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 or basic research or cell lines or in vitro or animal model or canine).tw.) not (humans/ or human/ or (human\* or patients or subjects).tw.) (12189820)

**37** 35 not 36 (18749)

**38** conference abstract.pt. or Congresses as Topic/ or Conference Review.pt. (5177117)

**39** case report/ or case reports/ or case report.ti. (5575098)

**40** note/ or editorial/ or letter/ or Comment/ or news/ or (note or editorial or letter or Comment or news).pt. (5547362)

**41** or/38-40 (15280982)

**42** 37 not 41 (11981)

**43** limit 42 to yr="2020 -current" (1445)

**44** limit 43 to english language (1383)

- 45 remove duplicates from 44 (911)  
46 (skin or brain).ti. (1272470)  
47 45 not 46 (906)
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## Paediatric Urology Guideline: Scope Strategy Urachal Remnants

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**Database: EBM Reviews - Cochrane Central Register of Controlled Trials <December 2023>, EBM Reviews - Cochrane Database of Systematic Reviews <2005 to January 3, 2024>, Embase <1974 to 2024 January 09>, Ovid MEDLINE(R) ALL <1946 to January 09, 2024>**

### Search Strategy:

- 1 ((urachal or urachus or umbilical or vesicourachal) adj5 (remnant\* or cyst\* or sinus or anomal\* or granuloma\* or teratoma\* or tumor\* or tumour\* or cancer\* or carcinoma\* or diverticul\* or hernia or malignan\*)).tw,kw,kf. (13237)
  - 2 urachus/ (2591)
  - 3 or/1-2 (14115)
  - 4 exp Child/ or exp Infant/ or Minors/ or "minor (person)"/ (6063994)
  - 5 exp Pediatrics/ or exp adolescence/ or exp Puberty/ (2639692)
  - 6 high school/ or kindergarten/ or middle school/ or nursery school/ or primary school/ (101686)
  - 7 exp Child Health Services/ or exp child health care/ (132334)
  - 8 exp Child Welfare/ (51896)
  - 9 Hospitals, Pediatric/ or pediatric hospital/ (46678)
  - 10 (baby or babies or child or children or pediatric\* or paediatric\* or peadiatric\* or infan\* or neonat\* or newborn\* or new born\* or kid or kids or adolescen\* or preschool or pre-school or toddler\*).tw. (5967624)
  - 11 (postmatur\* or prematur\* or preterm\* or perinat\* or boy\* or girl\* or teen\* or minors or prepubescen\* or prepuber\* or pubescen\* or puber\*).tw. (1627823)
  - 12 (kindergar\* or schoolchild\* or elementary school\* or high school\* or highschool\* or kindergar\* or nursery school\* or primary school\* or secondary school\* or youth\* or young or juvenil\* or underage\* or kinders or (under\* adj age\*) or under 16 or under 18).tw. (2016066)
  - 13 or/4-12 (10826769)
  - 14 3 and 13 (4922)
  - 15 conference abstract.pt. or Congresses as Topic/ or Conference Review.pt. (5160866)
  - 16 14 not 15 (4311)
  - 17 limit 16 to english language [Limit not valid in CDSR; records were retained] (3563)
  - 18 limit 17 to yr="2020 -Current" (650)
  - 19 remove duplicates from 18 (401)
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## Paediatric Urology Guideline: Scope Strategy Transitional Urology

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**Database: Embase <1974 to 2024 February 01>, Ovid MEDLINE(R) ALL <1946 to February 01, 2024>**

### Search Strategy:

- 1 ((transition or transitional) adj5 (urolog\* or urogenital or genitourin\*)).tw,kw. (333)
- 2 ((transfer\* or transition or transional) adj5 adult care).tw,kw. (3881)
- 3 exp transition to adult care/ (5275)
- 4 exp transitional care/ (7193)
- 5 ((adolescent or young adult\* or youth) adj urolog\*).tw,kw. (93)
- 6 or/2-5 (14045)
- 7 exp Hypospadias/ (17502)
- 8 hypospadi\*.tw,kw. (17160)
- 9 exp \*spinal dysraphism/ (14340)
- 10 (spinal dysraphism\* or spina bifida).tw,kw. (22499)
- 11 (cleft spine\* or open spine\*).tw,kw. (219)
- 12 exp Meningomyelocele/ (13345)
- 13 myelomeningocele\*.tw,kw. (10204)

- 14 myelomeningocele\*.tw,kw. (238)
  - 15 exp neurogenic bladder/ or exp Urinary Bladder, Neurogenic/ (19902)
  - 16 (NLUTD or NLUTDs).tw,kw. (526)
  - 17 ((neurogen\* or neuropathic or neurologic\* or neuro-uological) adj3 (bladder or lower urinary tract or LUTS or LUT)).tw,kw. (16614)
  - 18 Bladder Exstrophy/ (5454)
  - 19 (bladder exstroph\* or Cloacal exstroph\*).tw,kw. (4557)
  - 20 (posterior urethra\* valve\* or epispadia\*).tw,kw. (6643)
  - 21 Epispadias/ (2343)
  - 22 (Sex Chromosome Disorders of Sex Development or sex chromosome dsd\* or Freemartinism or Gonadal Dysgenesis or Klinefelter Syndrome or Turner syndrome).tw,kw. (21901)
  - 23 exp "Sex Chromosome Disorders of Sex Development"/ (60012)
  - 24 exp urolithiasis/ (118200)
  - 25 Kidney Calculi/ (44905)
  - 26 urolithiasis.tw,kw. (24616)
  - 27 (nephrolithiasis or ureterolithiasis or renolithiasis).tw,kw. (19422)
  - 28 ((kidney\* or renal or urinary tract or ureter\* or bladder) adj3 (calculus or calculi or calculosis or calculuses or stone or stones or lithiasis or colic or fragment\*)).tw,kw. (76418)
  - 29 ((urolog\* or urogenital or genitourinary) adj rhabdomyosarcoma).tw,kw. (176)
  - 30 varicocele/ (13482)
  - 31 (varicocele\* or varicocoele\*).tw,kw. (14061)
  - 32 (Prune-Belly syndrome or Eagle-Barrett syndrome or obrinsky syndrome or abdominal muscle deficiency syndrome).tw,kw. (1653)
  - 33 Prune Belly Syndrome/ (1757)
  - 34 or/7-33 (314040)
  - 35 6 and 34 (543)
  - 36 exp \*Urologic Diseases/ or \*Urology/ (1599964)
  - 37 6 and 36 (444)
  - 38 1 or 35 or 37 (1123)
  - 39 conference abstract.pt. or Congresses as Topic/ or Conference Review.pt. (5178419)
  - 40 38 not 39 (919)
  - 41 remove duplicates from 40 (652)
  - 42 limit 41 to yr="2023 -Current" (76)
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## Paediatric Urology Guideline: Scope Strategy Undescended Testes

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**Database: EBM Reviews - Cochrane Database of Systematic Reviews <2005 to March 13, 2024>, Embase <1974 to 2024 March 15>, Ovid MEDLINE(R) ALL <1946 to March 15, 2024>**

### Search Strategy:

- 1 (undescended adj3 (testes or testis or testicle)).tw,kw,kf. (7328)
- 2 ((non-scrotal or nonscrotal) adj3 (testes or testis or testicle)).tw,kw,kf. (74)
- 3 exp \*Cryptorchidism/ (13294)
- 4 Cryptorchidism.tw,kw,kf. (13699)
- 5 or/1-4 (23292)
- 6 exp Child/ or exp Infant/ or exp Minors/ or exp Adolescent/ or exp adolescence/ or exp Pediatrics/ or exp newborn/ or exp Puberty/ or kindergarten/ or middle school/ or nursery school/ or primary school/ (8210837)
- 7 (adolescen\* or babies or baby or boy? or child\* or girl? or elementary school\* or grade school\* or high school\* or infan\* or junior high\* or juvenil\* or kid? or kindergar\* or middle school\* or minor or minors or neonat\* or neo-nat\* or newborn\* or new-born\* or paediatric\* or peadiatric\* or pediatric\* or perinat\* or preadolescen\* or preschool\* or pre-school\* or preteen\* or pre-teen\* or primary school\* or pubert\* or pubescen\* or school-aged or secondary school\* or teen\* or toddler? or underage\* or under-age\* or youngster\* or youth\* or "under 16" or "under 18").ti,kf,kw. (4369958)
- 8 (adolescen\* or babies or baby or boy? or child\* or girl? or elementary school\* or grade school\* or high school\* or infan\* or junior high\* or juvenil\* or kid? or kindergar\* or middle school\* or minor or minors or neonat\* or neo-nat\* or newborn\* or new-born\* or paediatric\* or peadiatric\* or pediatric\* or perinat\* or preadolescen\* or preschool\* or pre-school\* or preteen\* or pre-teen\* or primary school\* or

pubert\* or pubescen\* or school-aged or secondary school\* or teen\* or toddler? or underage\* or under-age\* or youngster\* or youth\* or "under 16" or "under 18").ab. /freq=2 (4014295)

9 (pediatric\* or paediatric\* or infan\* or child\* or adolescen\* or young).jn,jw,jx. (1754024)

10 (pediatric\* or paediatric\* or infan\* or child\* or adolescen\*).in. (3773775)

11 pediatric\*.hw. (402391)

12 or/6-11 (11157819)

13 5 and 12 (15162)

14 (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/) (12741478)

15 13 not 14 (14525)

16 (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).ti. not (human\* or patients or subjects or participants).tw. (4342298)

17 15 not 16 (14493)

18 (conference abstract or Conference Review).pt. (5099323)

19 17 not 18 (13194)

20 case report/ or case reports/ or case report.ti. (5596989)

21 note/ or editorial/ or letter/ or Comment/ or news/ or (note or editorial or letter or Comment or news).pt. (5569281)

22 19 not (20 or 21) (9142)

23 limit 22 to dt=20200608-20240318 use medall [Limit not valid in CDSR,Embase; records were retained] (478)

24 limit 22 to dc=20200608-20240318 use oemezd [Limit not valid in CDSR; records were retained] (583)

25 (limit 22 to (ed=20200608-20240318 or ez=20200608-20240318)) use medall [Limit not valid in CDSR,Embase; records were retained] (549)

26 limit 22 to dd=20200608-20240318 use oemezd [Limit not valid in CDSR,Ovid MEDLINE(R); records were retained] (36)

27 limit 22 to up=20200608-20240318 use coch (6)

28 or/23-27 (1143)

29 limit 28 to english language [Limit not valid in CDSR; records were retained] (1047)

30 remove duplicates from 29 (657)

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## Paediatric Urology Guideline: Scope Strategy Hypospadias

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**Database: EBM Reviews - Cochrane Central Register of Controlled Trials <December 2023>, EBM Reviews - Cochrane Database of Systematic Reviews <2005 to January 24, 2024>, Embase <1974 to 2024 January 26>, Ovid MEDLINE(R) ALL <1946 to January 26, 2024>**

### Search Strategy:

1 ((penile or penis or penil) adj3 (curvature\* or curved or bend or bent)).tw,kw. (3871)

2 exp \*hypospadias/ (10525)

3 (Hypospadias\* or Epispadia\*).tw,kw. (19719)

4 exp \*epispadias/ (1434)

5 or/1-4 (23968)

6 exp Child/ or exp Infant/ or exp Minors/ or exp Adolescent/ or exp adolescence/ or exp Pediatrics/ or exp newborn/ or exp Puberty/ or exp Schools/ or high school/ or kindergarten/ or middle school/ or nursery school/ or primary school/ (8739247)

7 (baby or babies or child or childhood or children or pediatric\* or paediatric\* or peadiatric\* or infan\* or neonat\* or newborn\* or new born\* or kid or kids or adolescen\* or preschool or pre-school or toddler\*).tw,kw. (6308454)

8 (postmatur\* or prematur\* or preterm\* or perinat\* or boy\* or girl\* or teen\* or minors or prepubescen\* or prepuberty\* or pubescen\* or puber\*).tw,kw. (1630157)

9 (elementary school\* or high school\* or highschool\* or kindergar\* or nursery school\* or primary school\* or secondary school\* or youth\* or student\* or juvenil\* or underage\* or (under adj age\*) or "under 16" or "under 18" or ((young or early\*) adj (adult\* or women or men or woman or man))).tw,kw. (1918718)

10 or/6-9 (11914056)

- 11** 5 and 10 (14692)
- 12** (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 or basic research or cell lines or in vitro or animal model or canine).tw.) not (humans/ or human/ or (human\* or patients or subjects).tw.) (12195394)
- 13** 11 not 12 (14556)
- 14** conference abstract.pt. or Congresses as Topic/ or Conference Review.pt. (5177074)
- 15** case report/ or case reports/ or case report.ti. (5575131)
- 16** note/ or editorial/ or letter/ or Comment/ or news/ or (note or editorial or letter or Comment or news).pt. (5573526)
- 17** or/14-16 (15307230)
- 18** 13 not 17 (10065)
- 19** limit 18 to yr="2020 -current" (1746)
- 20** limit 19 to english language [Limit not valid in CDSR; records were retained] (1614)
- 21** remove duplicates from 20 (983)
- 22** (202007\* or 202008\* or 202009\* or 202010\* or 202011\* or 202012\* or 2021\* or 2022\* or 2023\* or 2024\*).dt. (5615707)
- 23** 21 and 22 (113)
- 24** (202007\* or 202008\* or 202009\* or 202010\* or 202011\* or 202012\* or 2021\* or 2022\* or 2023\* or 2024\*).dc. (7383909)
- 25** 21 and 24 (713)
- 26** limit 21 to yr="2021 -current" (741)
- 27** 23 or 25 or 26 (898)
-