

Search Strategies Urological Infections Guidelines 2025

Nutraceuticals for Cystitis

Database: Embase <1974 to 2024 July 24>, Ovid MEDLINE(R) ALL <1946 to July 24, 2024>

Search Strategy:

- 1 exp Urinary Tract Infections/ (200522)
- 2 Pyelonephritis/ (34015)
- 3 Pyonephrosis/ (1165)
- 4 Bacteriuria/ (16184)
- 5 Urethritis/ (10428)
- 6 ((urinary tract or urinary or urine tract or male genital tract or bladder or kidney or renal or urethra* or ureter* or UTI or LUTIS or UUTI) adj3 infect*).tw,kw. (175396)
- 7 (pyelonephritis or pyonephrosis).tw,kw. (33768)
- 8 asymptomatic bacteriuria/ or leukocyturia/ (4387)
- 9 (cystitis or urethritis).tw,kw. (44560)
- 10 (Bacteriuria or bacilluria or pyuria or leukocyturia or funguria).tw,kw. (20670)
- 11 or/1-10 [UTI] (350709)
- 12 (recurren* or recurred or relaps* or failure or recrudescence* or refractor* or reoccur* or redelop* or exacerbate* or reappear* or return* or progress* or periodic or persist* or deteriorate*).tw,kw. (9918775)
- 13 recurrent infection/ (25537)
- 14 ((antimicrobial or antibiotic*) adj3 (stewardship or management or optimization or resistance*)).tw,kw. (242016)
- 15 or/12-14 [recurrence] (10137696)
- 16 11 and 15 (99388)
- 17 exp Dietary Supplements/ or diet supplementation/ (237704)
- 18 exp nutraceutical/ (114785)
- 19 (nutraceutical* or nutraceutical* or neutraecutical* or functional food* or Phytochemical*).tw,kw. (152284)
- 20 ((diet* or dietary or nutrition* or nutrient* or food or meal or health or herb* or vitamin* or bioactive*) adj3 (supplement* or fortified or intake* or thera* or treat*)).tw,kw. (813906)
- 21 (Amino acid* or Caffeine or Enzyme* or coenzyme* or fats or hormone* or Probiotic* or prebiotic* or mineral* or vitamin* or supplements).tw,kw. (5946595)
- 22 (African prune or Artichoke leaf or Black cohosh or Boswellia or Caffeine or Coffee or Cannabis or Chamomile or Cinnamon or Cocoa or Cordyceps or Coriolus versicolor or Cranberry or Devil* claw or Echinacea or Evening primrose or Feverfew or Ganoderma or lucidum or Garlic or Ginger or Ginkgo biloba or Ginseng or Hawthorn or Horse chestnut or Rutosides or Kava or Licorice or Glycyrrhizin or Milk thistleor Silymarin or Mistletoe or Passiflora or Peppermint or Saw palmetto or "St. John's wort" or Tea or Turmeric or Curcumin or Valerian or White willow or bioflavonoids or plants or plant extracts).tw,kw. (1211238)
- 23 (Commiphora myrrha or Boswellia serrata or Propolis or Xyloglucan or Hibiscus or Methionine or Centaurium erythraea or Levisticum officinale or Rosmarinus officinalis).tw,kw. [Other components used in rUTI] (141457)
- 24 or/17-23 [nutraceuticals] (7585779)
- 25 16 and 24 [recurrenct UTI and nuraceuticals] (6056)
- 26 (Randomized Controlled Trial or Controlled Clinical Trial or Pragmatic Clinical Trial or Clinical Study or Adaptive Clinical Trial or Equivalence Trial).pt. (715879)
- 27 (Clinical Trial or Clinical Trial, Phase I or Clinical Trial, Phase II or Clinical Trial, Phase III or Clinical Trial, Phase IV or Clinical Trial Protocol).pt. (619906)
- 28 Multicenter Study.pt. (350633)
- 29 Clinical Studies as Topic/ (168171)
- 30 exp Clinical Trial/ or exp Clinical Trials as Topic/ or Clinical Trial Protocol/ or Clinical Trial Protocols as Topic/ or exp "Clinical Trial (topic)"/ (3689359)
- 31 Multicenter Study/ or Multicenter Studies as Topic/ or "Multicenter Study (topic)"/ (814778)
- 32 Randomization/ (207228)
- 33 Random Allocation/ (201969)
- 34 Double-Blind Method/ (376624)
- 35 Double Blind Procedure/ (222064)
- 36 Double-Blind Studies/ (359053)
- 37 Single-Blind Method/ (87473)
- 38 Single Blind Procedure/ (55795)
- 39 Single-Blind Studies/ (89539)

40 Placebos/ (395187)
41 Placebo/ (416062)
42 Control Groups/ (112931)
43 Control Group/ (112931)
44 Cross-Over Studies/ or Crossover Procedure/ (136170)
45 (random* or sham or placebo*).ti,ab,hw,kf. (4640295)
46 ((singl* or doubl*) adj (blind* or dumm* or mask*)).ti,ab,hw,kf. (657248)
47 ((tripl* or trebl*) adj (blind* or dumm* or mask*)).ti,ab,hw,kf. (4327)
48 (control* adj3 (study or studies or trial* or group*)).ti,ab,hw,kf. (13531297)
49 (clinical adj3 (study or studies or trial*)).ti,ab,hw,kf. (8649987)
50 (Nonrandom* or non random* or non-random* or quasi-random* or quasirandom*).ti,ab,hw,kf. (133698)
51 (phase adj6 (study or studies or trial*)).ti,ab,hw,kf. (714407)
52 ((crossover or cross-over) adj3 (study or studies or trial*)).ti,ab,hw,kf. (152183)
53 ((multicent* or multi-cent*) adj3 (study or studies or trial*)).ti,ab,hw,kf. (991362)
54 allocated.ti,ab,hw. (206934)
55 ((open label or open-label) adj5 (study or studies or trial*)).ti,ab,hw,kf. (142120)
56 ((equivalence or superiority or non-inferiority or noninferiority) adj3 (study or studies or trial*)).ti,ab,hw,kf. (34092)
57 (pragmatic study or pragmatic studies).ti,ab,hw,kf. (1707)
58 ((pragmatic or practical) adj3 trial*).ti,ab,hw,kf. (18383)
59 ((quasiexperimental or quasi-experimental) adj3 (study or studies or trial*)).ti,ab,hw,kf. (36105)
60 trial.ti,ab,kw,kf. (2048496)
61 or/26-60 [clinical trials] (19897200)
62 exp animals/ (59540417)
63 exp animal experimentation/ (3234619)
64 exp models animal/ (2528726)
65 exp animal experiment/ (3234619)
66 nonhuman/ (7817389)
67 exp vertebrate/ (57971709)
68 or/62-67 (61750434)
69 exp humans/ (49004777)
70 exp human experiment/ (668097)
71 or/69-70 (49007603)
72 68 not 71 [humans filter] (12744397)
73 61 not 72 [All Clinical Trials - MEDLINE, Embase-CADTH filter] (16141206)
74 25 and 73 [recurrent UTI and nuraceuticals and clincial trials] (2498)
75 (child/ or Pediatrics/ or Adolescent/ or Infant/ or adolescence/ or newborn/) not (adult/ or aged/) (4718778)
76 74 not 75 (2275)
77 (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. not (aged or adult* or elder* or senior* or men or women).tw. (2625207)
78 76 not 77 [excluded children] (2250)
79 (conference abstract or Conference Review).pt. (5217696)
80 78 not 79 [excluded conference] (1808)
81 limit 80 to english language [English only] (1694)
82 limit 81 to yr="2010 -Current" [last 15 years] (1214)
83 remove duplicates from 82 (995)

Genital Herpes Simplex Virus

Database: Embase <1974 to 2024 May 07>, Ovid MEDLINE(R) ALL <1946 to May 07, 2024>

Search Strategy:

- 1 Herpes Genitalis/ use medall (4901)
 - 2 genital herpes/ use oomezd (6547)
 - 3 ((genital* or Sexually Transmitted) adj3 (herpes or HSV or Herpesvirus or Simplexvirus or Human alphaherpesvirus)).tw. (9669)
 - 4 or/1-3 (14926)
 - 5 genital diseases/ or genital diseases, female/ or genital diseases, male/ or genital system disease/ (36799)
 - 6 viral sexually transmitted disease/ (1569)
 - 7 Sexually Transmitted Diseases, Viral/ (1605)
 - 8 or/5-7 (38369)
 - 9 herpes simplex/ use medall (15527)
 - 10 Simplexvirus/ use medall (17679)
 - 11 herpes simplex virus/ or herpes simplex virus 2/ use oomezd (53881)
 - 12 or/9-11 (65383)
 - 13 8 and 12 (430)
 - 14 4 or 13 (15154) [Genital HSV]
 - 15 limit 14 to english language (13162)
 - 16 (exp animals/ or exp animal/) not (humans/ or human/) (10612127)
 - 17 ((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)).tw. (8156861)
 - 18 (child/ or Pediatrics/ or Adolescent/ or Infant/ or adolescence/ or newborn/) not (adult/ or aged/) (4679236)
 - 19 (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 preschool or pre-school or toddler*).ti. not (adult* or elder* or senior* or men or women).tw. (2874947)
 - 20 (conference abstract or Conference Review).pt. (5133758)
 - 21 note/ or editorial/ or letter/ or Comment/ or news/ or (note or editorial or letter or Comment or news).pt. (5601897)
 - 22 case report/ or case reports/ or (case report or a case or a rare case or case series).ti. (5913497)
 - 23 or/16-22 (31274388)
 - 24 15 not 23 (8343) [limitations applied]
 - 25 (Systematic review or meta-analysis).tw.pt. or Meta analysis/ (1051170)
 - 26 (Medline or Pubmed or Embase or Cochrane or literature search or literature review).ab. (1064950)
 - 27 random:.mp. or randomized controlled trial.pt. (4106945)
 - 28 clinical trial:.mp. or controlled clinical trial.pt. (3304525)
 - 29 double-blind:.mp. or placebo:.tw. or blind:.tw. (1276129)
 - 30 (groups or trial* or controlled or compared).tw. (17920400)
 - 31 comparative study/ or controlled study/ or major clinical study/ (15247112)
 - 32 (followed or follow up).tw. or follow up/ or Follow-Up Studies/ (6911255)
 - 33 cohort analysis/ or Cohort Studies/ or (cohort stud* or cohorts or prospective* or population-based or multicenter or multicentre or multi-centre or multi-center).tw. (4588880)
 - 34 (treat* or therap* or intervention*).ti. (6155799)
 - 35 (diagnosis or diagnostic).ti. (1331144)
 - 36 (diagnostic adj2 (value* or performance or accuracy)).tw. (314818)
 - 37 (sensitivity or specificity).tw. (2962439)
 - 38 or/25-37 (37363631)
 - 39 24 and 38 (5450) [diagnostic or interventions]
 - 40 remove duplicates from 39 (3911) [removed duplicates]
 - 41 limit 40 to yr="2014 -Current" (1028) [from 2014 to 20240508]
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Prostate Biopsy

Database: EBM Reviews - Cochrane Central Register of Controlled Trials <April 2024>, Embase <1974 to 2024 May 06>, Ovid MEDLINE(R) ALL <1946 to May 06, 2024>

Search Strategy:

- 1 exp prostate/ (103100)
- 2 exp Prostatic Neoplasms/ or exp prostate tumor/ (469423)
- 3 (prostatic or prostate).tw,kw. (636430)
- 4 or/1-3 (714832)
- 5 exp biopsy/ (1270325)
- 6 (biopsy or biopsies or biopsied).tw,kw. (1277416)
- 7 or/5-6 (1836401)
- 8 4 and 7 (91611)
- 9 exp antiinfective agent/ (4761320)
- 10 exp Anti-Infective Agents/ (6715088)
- 11 exp quinolone derivative/ or exp Quinolones/ (285619)
- 12 exp metronidazole/ (99994)
- 13 exp gentamicin/ or exp Gentamicins/ (153710)
- 14 exp carbapenem/ or exp Carbapenems/ (45819)
- 15 exp trimethoprim/ (46500)
- 16 exp sulfamethoxazole/ (36243)
- 17 exp amoxicillin plus clavulanic acid/ (52255)
- 18 exp piperacillin/ (26782)
- 19 exp cotrimoxazole/ (99525)
- 20 exp netilmicin/ (10231)
- 21 exp cefuroxime/ (31871)
- 22 exp norfloxacin/ (23157)
- 23 exp ciprofloxacin/ (144416)
- 24 exp ofloxacin/ (40385)
- 25 exp tinidazole/ (6819)
- 26 exp ceftriaxone/ (91750)
- 27 exp Disinfection/ or exp Disinfectants/ or exp disinfectant agent/ (704459)
- 28 (antibiotic* or antibacterial or anti bacterial or antiseptic* antimicrobial* or anti infect* or antiinfect* or disinfect*).tw,kw. (1364925)
- 29 (fluoroquinolone* or quinolone* or gentamicin* or amikacin or metronidazol* or flagyl).tw,kw. (219049)
- 30 (carbapenem or trimethoprim or sulphamethoxazole or Co-amoxiclav).tw,kw. (85772)
- 31 (clavulanic acid or sulfonamid* or aminoglycosid* or cephalosporin* or Cefazolin* or Cefalexin* or Cefadroxil* or Cefaclor or Cefuroxim* or Cefoxitin* or Cefixim* or cefotaxim* or cefpodoxim* or ceftriaxon* or ceftazidim* or cefoperazon* or cefepim* or piperacillin* or norfloxacin*).tw,kw. (286606)
- 32 (ciprofloxacin* or ofloxacin* or tinidazol* or cepthriaxon* or ceftriaxon* or netilmicin* or netromycin*).tw,kw. (134524)
- 33 (cotrimoxazole or co-trimoxazole or sulfamethoxazole or beta lactam* or "β- lactam" or "β-lactam").tw,kw. (182758)
- 34 exp sulfonamide/ or exp Sulfonamides/ (585936)
- 35 exp aminoglycoside/ or exp Aminoglycosides/ (205032)
- 36 exp cephalosporin/ or exp Cephalosporins/ (344742)
- 37 exp beta lactamase inhibitor/ or exp beta-Lactamase Inhibitors/ (126959)
- 38 (povidone iodine or betadine or iodophor or povidone).tw,kw. (15235)
- 39 exp povidone iodine/ or exp povidone/ or exp iodophor/ or exp Iodophors/ (42291)
- 40 or/9-39 (7497812)
- 41 exp prophylaxis/ (1242388)
- 42 exp Antibiotic Prophylaxis/ or exp Pre-Exposure Prophylaxis/ (74728)
- 43 exp prevention/ (1806596)
- 44 (prophyla* or prevent* or reduc*).tw,kw. (14060319)
- 45 (pre-biopsy or prebiopsy or pre-biopsies or prebiopsies).tw,kw. (3780)
- 46 (pre-operativ* or pre-intervention* or pre-procedure* or preoperativ* or preintervention or preprocedure*).tw,kw. (1099072)
- 47 (before or prior).tw,kw. (5909771)
- 48 or/41-47 (19723039)
- 49 8 and 40 and 48 (4146)

- 50 ((rectal or rectum) adj3 (swab* or cleaning or washing or preparation* or steriliz* or sterilis*)).tw,kw. (9847)
- 51 exp enema/ or enema.tw,kw. (33703)
- 52 ((transrectal or trans-rectal) and (transperineal or perineal)).tw,kw. (3374)
- 53 (fusion adj3 (guidance or guide* or guiding)).tw,kw. (2888)
- 54 exp local anesthetic agent/ or exp Anesthetics, Local/ or ((local or topical) adj2 (anaesthetic* or anesthetic*)).tw,kw. (455784)
- 55 (needle* adj3 (size or dwell time)).tw,kw. (3045)
- 56 (dipstick urinalysis or midstream specimen).tw,kw. (715)
- 57 (technical modification* or technical alternation*).tw,kw. (4112)
- 58 (number adj2 cores).tw,kw. (2094)
- 59 or/50-58 (514082)
- 60 8 and 48 and 59 (3778)
- 61 Biopsy, Needle/mt (9075)
- 62 ((compared adj3 protocol) or protocols).tw,kw. (542128)
- 63 or/61-62 (551117)
- 64 8 and 63 (2935)
- 65 49 or 60 or 64 (9315)
- 66 (randomized controlled trial or controlled clinical trial).pt. (703153)
- 67 random*.mp. (5517351)
- 68 placebo*.ab. (967718)
- 69 (trial or RCT).ab. (2385431)
- 70 groups.ab. (7032318)
- 71 Placebo*.mp. (1203831)
- 72 double-blind*.mp. or blind*.tw. (1478981)
- 73 clinical trial*.mp. (3851594)
- 74 or/66-73 (13480145)
- 75 65 and 74 (3630)
- 76 note/ or editorial/ or letter/ or Comment/ or news/ (5381551)
- 77 case report/ or case reports/ or (case report or a case or a rare case).ti. (5889325)
- 78 or/76-77 (10623481)
- 79 75 not 78 (3497)
- 80 (exp animals/ or exp animal/ or exp nonhuman/ or exp animal experiment/ or animal model/ or animal tissue/ or non human/) not (exp humans/ or exp human/) (12653974)
- 81 79 not 80 (3484)
- 82 (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 animal model or genes).ti. not (men or women or patients or subjects or participants).tw. (4643188)
- 83 81 not 82 (3482)
- 84 limit 83 to ed=20230601-20240506 use medall [Limit not valid in Embase; records were retained] (22)
- 85 limit 83 to ez=20230601-20240506 use medall [Limit not valid in Embase; records were retained] (35)
- 86 limit 83 to dt=20230501-20240506 use medall [Limit not valid in Embase; records were retained] (38)
- 87 limit 83 to dd=20230501-20240506 use oemezd [Limit not valid in Ovid MEDLINE(R); records were retained] (72)
- 88 limit 83 to dc=20230501-20240506 use oemezd [Limit not valid in CCTR; records were retained] (135)
- 89 83 and 2024*.ep. (16)
- 90 limit 83 to yr="2023-current" use cctr (35)
- 91 or/84-90 (217)
- 92 remove duplicates from 91 (169)
-