FLUTS DTA

Database: Embase <1974 to 2024 May 16>, Ovid MEDLINE(R) ALL <1946 to May 16, 2024>
Search Strategy:
1 exp *urine incontinence/ or exp *Urinary Incontinence/ or exp *stress incontinence/ or exp *urge incontinence/ or exp *mixed incontinence/ (67381)
2 ((urine or urinae or urinat* or urinary or stress or urge or mixed or bladder or over flow or overflow) and incontinen*).ti. (40910)
3 exp *Urinary Bladder, Overactive/ or exp *Urinary Bladder, Underactive/ or exp *overactive bladder/ (15499)
4 ((overactiv* or underactiv* or over activit* or under activit* or failure or acontractile or hypocontract*) and (bladder or detrusor)).ti. (16257)
5 exp *Lower Urinary Tract Symptoms/ (46472)
6 exp *Urinary Bladder Neck Obstruction/ or exp *bladder obstruction/ or *bladder neck stenosis/ (7160)
7 ((benign or outlet or neck) and bladder and (sclerosis or obstruction* or obstructed voiding or neck strangulation or stenosis or stenoses or scleroses or contracture or stricture* or narrow* or fistula*)).ti. (4150)
8 (Urethra* and diverticul*).ti. (2041)
9 ((lower urinary or bladder or urethra* or urination or LUT) and symptom*).ti. (13795)
10 (bladder emptying and (dysfunction* or incomplete or incompetent)).ti. (80)
11 (Voiding dysfunction* or (Fowler* and syndrome)).ti. (2107)
12 or/1-11 (114477)
13 exp women/ or (women or woman or female* or girl or girls).af. (22996947)
14 12 and 13 (67982)
15 diagnostic test accuracy study/ or diagnostic accuracy/ (489579)
16 "Sensitivity and Specificity"/ or "sensitivity and sensibility"/ (884703)
17 exp "Predictive Value of Tests"/ or exp predictive value/ (490423)
18 (sensitivity or specificity).tw. (2968996)
19 (diagnostic or diagnosis).ti. (1333307)
20 (diagnostic adj3 (accuracy or performance or value* or method*)).ab. (391854)
21 (predictive value* or "NPV" or "PPV").tw. (391615)
22 (criterion standard* or false negative or false positive or gold standard* or reference standard* or receiver operat* curve* or ROC or SROC or AUROC).tw. (757947)
23 (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. (50757)
24 exp ROC Curve/ or receiver operating characteristic/ (303484)
25 or/15-24 (5597694)
26 14 and 25 (5145)
27 survey.ti. (383513)
28 26 not 27 (5100)
29 (child/ or Pediatrics/ or Adolescent/ or Infant/ or adolescence/ or newborn/) not (adult/ or aged/) (4684068)
30 28 not 29 (4830)
31 (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. (2886590)
32 30 not 31 (4811)
33 (conference abstract or Conference Review).pt. (5171926)
34 32 not 33 (4103)
35 note/ or editorial/ or letter/ or Comment/ or news/ or (note or editorial or letter or Comment or news).pt. (5608644)
36 case report/ or case reports/ or (case report or a case or a rare case or a patient).ti. (5959867)

37 34 not (35 or 36) (3777)
38 limit 37 to yr="2022-Current" (306)
39 limit 38 to english language (289)
40 limit 39 to ed=20220304-20240515 use medall [Limit not valid in Embase; records were retained] (95)
41 limit 39 to dt=20220304-20240515 use medall [Limit not valid in Embase; records were retained] (97)
42 limit 39 to dd=20220304-20240515 use oemezd [Limit not valid in Ovid MEDLINE(R); records were retained] (10)
43 limit 39 to dc=20220304-20240515 use oemezd (160)
44 limit 39 to dt=20220304-20240515 use medall [Limit not valid in Embase; records were retained] (97)
45 39 and (2023* or 2024*).ep. (58)
46 or/40-45 (279)
47 remove duplicates from 46 (200)

Female FLUTS supplementary search not Male

Database: Embase <1974 to 2024 July 24>, Ovid MEDLINE(R) ALL <1946 to July 24, 2024>
Search Strategy:
1 exp *urine incontinence/ or exp *Urinary Incontinence/ or exp *stress incontinence/ or exp *urge incontinence/ or exp *mixed incontinence/ (67701)
2 ((urine or urinae or urinate or urinary or stress or urge or mixed or bladder or over flow) and incontinen*).ti. (41137)
3 exp *Urinary Bladder, Overactive/ or exp *Urinary Bladder, Underactive/ or exp *overactive bladder/ (15667)
4 ((overactiv* or underactiv* or over activit* or under activit* or failure or acontractile or hypocontract*) and (bladder or detrusor)).ti. (16431)
5 exp *Lower Urinary Tract Symptoms/ (46806)
6 exp *Urinary Bladder Neck Obstruction/ or exp *bladder obstruction/ or *bladder neck stenosis/ (7185)
7 ((benign or outlet or neck) and bladder and (sclerosis or obstruction* or obstructed or voiding or neck strangulation or stenosis or stenoses or scleroses or contracture or stricture* or narrow* or fistula*)).ti. (4263)
8 (Urethra* and diverticul*).ti. (2051)
9 ((lower urinary or bladder or urethra* or urination or LUT) and symptom*).ti. (13943)
10 (bladder and emptying and (dysfunction* or incomplete or incompetent)).ti. (87)
11 (Voiding dysfunction* or (Fowler* and syndrome)).ti. (2118)
12 or/1-11 (115256)
13 exp women/ or (women or woman or female* or girl or girls).af. (23273928)
14 12 and 13 (68457)
15 (Systematic review or meta-analysis).tw. (973294)
16 (Medline or Pubmed or Embase or Cochrane or literature search or literature review).ab. (1094876)
17 meta-analysis as topic/ or Meta-Analysis/ or "systematic review"/ (1030553)
18 (National Library of Medicine Database* or pooled analysis or umbrella review or overview of reviews).tw. (41235)
19 cochrane database of systematic reviews.jn. (34408)
20 (randomized controlled trial or controlled clinical trial).pt. (708128)
21 random*.mp. (4173288)
22 clinical trial:.mp. or clinical trial.pt. (3340450)
23 double-blind*.mp. or blind*.tw. (999389)
24 (placebo or controlled).tw. (2624555)
25 randomized controlled trial/ (1453510)
26 (RCT or RCTs).tw. (204849)
27 or/15-26 (8720036)
28 14 and 27 (15778)
29 (child/ or Pediatrics/ or Adolescent/ or Infant/ or adolescence/ or newborn/) not (adult/ or aged/) (4718778)
30 28 not 29 (15023)
31 (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. (2915298)
32 30 not 31 (14948)
33 (conference abstract or Conference Review).pt. (5217696)
34 32 not 33 (12706)
35 note/ or editorial/ or letter/ or Comment/ or news/ or (note or editorial or letter or Comment or news).pt. (5663723)
36 case report/ or case reports/ or (case report or a case or a rare case or a patient).ti. (6007794)

37 34 not (35 or 36) (12028)
38 limit 37 to yr="2022-Current" (1406)
39 limit 38 to english language (1382)
40 limit 39 to ed=20220304-20240501 use medall [Limit not valid in Embase; records were retained] (482)
41 limit 39 to dt=20220304-20240501 use medall [Limit not valid in Embase; records were retained] (506)
42 limit 39 to dd=20220304-20240501 use oemezd [Limit not valid in Ovid MEDLINE(R); records were retained] (22)
43 limit 39 to dc=20220304-20240501 use oemezd (626)
44 limit 39 to dt=20220304-20240501 use medall [Limit not valid in Embase; records were retained] (506)
45 39 and (2023* or 2024*).ep. (313)
46 or/40-45 (1258)
47 remove duplicates from 46 (864)
48 (men/ or (men or male or man).tw.) not (exp women/ or (women or woman or female* or girl or girls).af.) (4497947)
49 12 not 48 (97815)
50 27 and 49 (21499)
51 50 not (29 or 31 or 33 or 35 or 36) (16108)
52 limit 51 to yr="2022 -Current" (1956)
53 limit 52 to english language (1916)
54 53 not 39 (534)
55 limit 54 to dc=20220304-20240725 use oemezd (180)
56 limit 54 to dt=20220304-20240725 use medall [Limit not valid in Embase; records were retained] (293)
57 54 and (2023* or 2024*).ep. (156)
58 55 or 56 or 57 (473)
59 remove duplicates from 58 (374)

FLUTS Diverticulum

Database: Embase <1974 to 2024 May 16>, Ovid MEDLINE(R) ALL <1946 to May 16, 2024>
Search Strategy:
1 exp *urine incontinence/ or exp *Urinary Incontinence/ or exp *stress incontinence/ or exp *urge incontinence/ or exp *mixed incontinence/ (67381)
2 ((urine or urinae or urinat* or urinary or stress or urge or mixed or bladder or over flow or overflow) and incontinen*).ti. (40910)
3 exp *Urinary Bladder, Overactive/ or exp *Urinary Bladder, Underactive/ or exp *overactive bladder/ (15499)
4 ((overactiv* or underactiv* or over activit* or under activit* or failure or acontractile or hypocontract*) and (bladder or detrusor)).ti. (16257)
5 exp *Lower Urinary Tract Symptoms/ (46472)
6 exp *Urinary Bladder Neck Obstruction/ or exp *bladder obstruction/ or *bladder neck stenosis/ (7160)
7 ((benign or outlet or neck) and bladder and (sclerosis or obstruction* or obstructed voiding or neck strangulation or stenosis or stenoses or scleroses or contracture or stricture* or narrow* or fistula*)).ti. (4150)
8 ((lower urinary or bladder or urethra* or urination or LUT) and symptom*).ti. (13795)
9 (bladder emptying and (dysfunction* or incomplete or incompetent)).ti. (80)
10 (Voiding dysfunction* or (Fowler* and syndrome)).ti. (2107)
11 or/1-10 (112607)
12 Diverticular Diseases/ or diverticulitis/ or diverticulum/ (36062)
13 diverticul*.tw. (71313)
14 or/12-13 (79054)
15 11 and 14 (570)
16 (Urethra* and diverticul*).ti. (2041)
17 15 or 16 (2440)
18 exp women/ or (women or woman or female* or girl or girls).af. (22996947)
19 17 and 18 (1558)
20 (child/ or Pediatrics/ or Adolescent/ or Infant/ or adolescence/ or newborn/) not (adult/ or aged/) (4684068)
21 19 not 20 (1499)
22 (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. (2886590)
23 21 not 22 (1493)
24 (conference abstract or Conference Review).pt. (5171926)
25 23 not 24 (1303)
26 note/ or editorial/ or letter/ or Comment/ or news/ or (note or editorial or letter or Comment or news).pt. (5608644)
27 case report/ or case reports/ or (case report or a case or a rare case or a patient).ti. (5959867)
28 25 not (26 or 27) (705)
29 limit 28 to yr="2022-Current" (28)
30 limit 29 to english language (28)
31 limit 30 to ed=20220304-20240515 use medall [Limit not valid in Embase; records were retained] (8)
32 limit 30 to dt=20220304-20240515 use medall [Limit not valid in Embase; records were retained] (8)
33 limit 30 to dd=20220304-20240515 use oemezd [Limit not valid in Ovid MEDLINE(R); records were retained] (1)
34 limit 30 to dc=20220304-20240515 use oemezd (15)
35 limit 30 to dt=20220304-20240515 use medall [Limit not valid in Embase; records were retained] (8)

36 30 and (2023* or 2024*).ep. (1)
37 or/31-36 (25)
38 remove duplicates from 37 (19)

Female LUTS

Database: Embase <1974 to 2024 May 01>, Ovid MEDLINE(R) ALL <1946 to May 01, 2024>
Search Strategy:
1 exp *urine incontinence/ or exp *Urinary Incontinence/ or exp *stress incontinence/ or exp *urge incontinence/ or exp *mixed incontinence/ (67305)
2 ((urine or urinae or urinate or urinary or stress or urge or mixed or bladder or over flow) and incontinen*).ti. (40799)
3 exp *Urinary Bladder, Overactive/ or exp *Urinary Bladder, Underactive/ or exp *overactive bladder/ (15477)
4 ((overactiv* or underactiv* or over activit* or under activit* or failure or acontractile or hypocontract*) and (bladder or detrusor)).ti. (16217)
5 exp *Lower Urinary Tract Symptoms/ (46403)
6 exp *Urinary Bladder Neck Obstruction/ or exp *bladder obstruction/ or *bladder neck stenosis/ (7154)
7 ((benign or outlet or neck) and bladder and (sclerosis or obstruction* or obstructed or voiding or neck strangulation or stenosis or stenoses or scleroses or contracture or stricture* or narrow* or fistula*)).ti. (4225)
8 (Urethra* and diverticul*).ti. (2038)
9 ((lower urinary or bladder or urethra* or urination or LUT) and symptom*).ti. (13750)
10 (bladder and emptying and (dysfunction* or incomplete or incompetent)).ti. (87)
11 (Voiding dysfunction* or (Fowler* and syndrome)).ti. (2102)
12 or/1-11 (114277)
13 exp women/ or (women or woman or female* or girl or girls).af. (22928272)
14 12 and 13 (67864)
15 (Systematic review or meta-analysis).tw. (943395)
16 (Medline or Pubmed or Embase or Cochrane or literature search or literature review).ab. (1062980)
17 meta-analysis as topic/ or Meta-Analysis/ or "systematic review"/ (1000356)
18 (National Library of Medicine Database* or pooled analysis or umbrella review or overview of reviews).tw. (40083)
19 cochrane database of systematic reviews.jn. (34248)
20 (randomized controlled trial or controlled clinical trial).pt. (702651)
21 random*.mp. (4103159)
22 clinical trial:.mp. or clinical trial.pt. (3302876)
23 double-blind*.mp. or blind*.tw. (986956)
24 (placebo or controlled).tw. (2583682)
25 randomized controlled trial/ (1431740)
26 (RCT or RCTs).tw. (198991)
27 or/15-26 (8579389)
28 14 and 27 (15636)
29 (child/ or Pediatrics/ or Adolescent/ or Infant/ or adolescence/ or newborn/) not (adult/ or aged/) (4676681)
30 28 not 29 (14886)
31 (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. (2880550)
32 30 not 31 (14814)
33 (conference abstract or Conference Review).pt. (5131716)
34 32 not 33 (12581)
35 note/ or editorial/ or letter/ or Comment/ or news/ or (note or editorial or letter or Comment or news).pt. (5598207)
36 case report/ or case reports/ or (case report or a case or a rare case or a patient).ti. (5947258)

37 34 not (35 or 36) (11909)
38 limit 37 to yr="2022-Current" (1309)
39 limit 38 to english language (1288)
40 limit 39 to ed=20220304-20240501 use medall [Limit not valid in Embase; records were retained] (483)
41 limit 39 to dt=20220304-20240501 use medall [Limit not valid in Embase; records were retained] (502)
42 limit 39 to dd=20220304-20240501 use oemezd [Limit not valid in Ovid MEDLINE(R); records were retained] (35)
43 limit 39 to dc=20220304-20240501 use oemezd (648)
44 limit 39 to dt=20220304-20240501 use medall [Limit not valid in Embase; records were retained] (502)
45 39 and (2023* or 2024*).ep. (275)
46 or/40-45 (1241)
47 remove duplicates from 46 (830)

I. FLUTS diverticulum

FLUTS search strategies for 2025 update:
Database: Embase <1974 to 2024 July 24>, Ovid MEDLINE(R) ALL <1946 to July 24, 2024>
Corrected search strategies for the future consideration:

II. General scope search for high-level evidence

1. exp *urine incontinence/ or exp *Urinary Incontinence/ or exp *stress incontinence/ or exp *urge incontinence/ or exp *mixed incontinence/
2. ((urine or urinae or urinate or urinary or stress or urge or mixed or bladder or over flow) and incontinen*).ti.
3. exp *Urinary Bladder, Overactive/ or exp *Urinary Bladder, Underactive/ or exp *overactive bladder/
4. ((overactiv* or underactiv* or over activit* or under activit* or failure or acontractile or hypocontract*) and (bladder or detrusor)).ti.
5. exp *Lower Urinary Tract Symptoms/
6. exp *Urinary Bladder Neck Obstruction/ or exp *bladder obstruction/ or *bladder neck stenosis/
7. ((benign or outlet or neck) and (bladder or vesical) and (sclerosis or obstruction* or obstructed or voiding or neck strangulation or stenosis or stenoses or scleroses or contracture or stricture* or narrow* or fistula*)).ti.
8. (Urethra* and diverticul*).ti.
9. ((lower urinary or bladder or urethra* or urination or LUT) and symptom*).ti.
10. (bladder and emptying and (dysfunction* or incomplete or incompetent)).ti.
11. (Voiding dysfunction* or (Fowler* and syndrome)).ti.
12. or/1-11
13. (male/ or (men or male or man).tw.) not (exp female/ or (women or woman or female* or girl or girls).af.)
14. 12 not13
15. (Systematic review or meta-analysis).tw.
16. (Medline or Pubmed or Embase or Cochrane or literature search or literature review).ab.
17. meta-analysis as topic/ or Meta-Analysis/ or "systematic review"/
18. (National Library of Medicine Database* or pooled analysis or umbrella review or overview of reviews).tw.
19. cochrane database of systematic reviews.jn.
20. (randomized controlled trial or controlled clinical trial).pt.
21. random*.mp.
22. clinical trial:.mp. or clinical trial.pt.
23. double-blind*.mp. or blind*.tw.
24. (placebo or controlled).tw.
25. randomized controlled trial/
26. (RCT or RCTs).tw.
27. or/15-26
28. 14 and 27
29. (child/ or Pediatrics/ or Adolescent/ or Infant/ or adolescence/ or newborn/) not (adult/ or aged/)
30. 28 not 29
31. (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.
32. 30 not 31
33. (conference abstract or Conference Review).pt.
34. 32 not 33
35. note/ or editorial/ or letter/ or Comment/ or news/ or (note or editorial or letter or Comment or news).pt.

36. case report/ or case reports/ or (case report or a case or a rare case or a patient).ti.
37. 34 not (35 or 36)
38. limit 37 to yr="2022-Current"
39. remove duplicates from 38

III. FLUTS DTA

1. exp *urine incontinence/ or exp *Urinary Incontinence/ or exp *stress incontinence/ or exp *urge incontinence/ or exp *mixed incontinence/
2. ((urine or urinae or urinat* or urinary or stress or urge or mixed or bladder or over flow or overflow) and incontinen*).ti.
3. exp *Urinary Bladder, Overactive/ or exp *Urinary Bladder, Underactive/ or exp *overactive bladder/
4. ((overactiv* or underactiv* or over activit* or under activit* or failure or acontractile or hypocontract*) and (bladder or detrusor)).ti.
5. exp *Lower Urinary Tract Symptoms/
6. exp *Urinary Bladder Neck Obstruction/ or exp *bladder obstruction/ or *bladder neck stenosis/
7. ((benign or outlet or neck) and (bladder or vesical) and (sclerosis or obstruction* or obstructed voiding or neck strangulation or stenosis or stenoses or scleroses or contracture or stricture* or narrow* or fistula*)).ti.
8. (Urethra* and diverticul*).ti.
9. ((lower urinary or bladder or urethra* or urination or LUT) and symptom*).ti.
10. (bladder emptying and (dysfunction* or incomplete or incompetent)).ti.
11. (Voiding dysfunction* or (Fowler* and syndrome)).ti.
12. or/1-11
13. (male/ or (men or male or man).tw.) not (exp female/ or (women or woman or female* or girl or girls).af.)
14. 12 not13
15. diagnostic test accuracy study/ or diagnostic accuracy/
16. "Sensitivity and Specificity"/ or "sensitivity and sensibility"/
17. exp "Predictive Value of Tests"/ or exp predictive value/
18. (sensitivity or specificity).tw.
19. (diagnostic or diagnosis).ti.
20. (diagnostic adj3 (accuracy or performance or value* or method*)).ab.
21. (predictive value* or "NPV" or "PPV").tw.
22. (criterion standard* or false negative or false positive or gold standard* or reference standard* or receiver operat* curve* or ROC or SROC or AUROC).tw.
23. (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.
24. exp ROC Curve/ or receiver operating characteristic/
25. or/15-24
26. 14 and 25
27. survey.ti.
28. 26 not 27
29. (child/ or Pediatrics/ or Adolescent/ or Infant/ or adolescence/ or newborn/) not (adult/ or aged/)
30. 28 not 29
31. (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.
32. 30 not 31
33. (conference abstract or Conference Review).pt.

34. 32 not 33
35. note/ or editorial/ or letter/ or Comment/ or news/ or (note or editorial or letter or Comment or news).pt.
36. case report/ or case reports/ or (case report or a case or a rare case or a patient).ti.
37. 34 not (35 or 36)
38. limit 37 to yr="2022-Current"
39. remove duplicates from 38