Clinical Practice Guidelines

European Hernia Society Guidelines on Prevention and Treatment of
Parastomal Hernias

APPENDIX II
Search syntax for electronic databases
a. Introductory Questions 1 and 2

MEDLINE

1. incidence [mh]
2. frequency [sh]
3. risk [mh]
4. risk factor [mh]
5. incidence [tiab, tw]
6. frequency [tiab, tw]
7. risk [tiab, tw]
8. risk factor [tiab, tw]
9. hernia, abdominal [mh]
10. hernia, incisional [mh]
11. parastoma* hernia [tiab, tw]
12. para-stoma* hernia [tiab, tw]
13. stoma [tiab, tw]
14. *ostomy [tiab, tw]
15. ostomy [mh]
16. ostomy [tiab, tw]
17. ileal conduit [tiab, tw]
18. Bricker [tiab, tw]
19. #1 OR #2 or #3 OR #4 OR #5 OR #6 OR #7 OR #8
20. #9 OR #10 OR #11 OR #12
21. #13 OR #14 OR #15 OR #16 OR #17 OR #18
22. #19 AND #20 AND #21

CINAHL

1. incidence.ti,ab
2. frequency.ti,ab
3. risk.ti,ab
4. (risk AND factor).ti,ab
5. (abdominal AND hernia).ti,ab
6. (incisional AND hernia).ti,ab
7. (parastoma* AND hernia).ti,ab
8. (para-stoma* AND hernia).ti,ab
9. stoma.ti,ab
10. ostomy.ti,ab
11. (ileal AND conduit).ti,ab
12. Bricker.ti,ab
13. 1 OR 2 OR 3 OR 4
14. 5 OR 6 OR 7 OR 8
15. 9 OR 10 OR 11 OR 12
16. 13 AND 14 AND 15

CENTRAL

#1 MeSH descriptor: [Incidence] explode all trees
#2 "frequency":ti,ab,kw (Word variations have been searched)
#3 MeSH descriptor: [Risk] explode all trees
#4 MeSH descriptor: [Risk Factors] explode all trees
#5 MeSH descriptor: [Hernia, Abdominal] explode all trees
#6 MeSH descriptor: [Incisional Hernia] explode all trees
#7 parastoma* hernia
#8 para-stoma* hernia
#9 stoma
#10 *ostomy
#11 MeSH descriptor: [Ostomy] explode all trees
b. Introductory Question 3

MEDLINE

1. classification [sh]
2. classif* [tiab, tw]
3. type* [tiab, tw]
4. hernia, abdominal [mh]
5. hernia, incisional [mh]
6. parastoma* hernia [tiab, tw]
7. para-stoma* hernia [tiab, tw]
8. stoma [tiab, tw]
9. *ostomy [tiab, tw]
10. ostomy [mh]
11. ostomy [tiab, tw]
12. ileal conduit [tiab, tw]
13. Bricker [tiab, tw]
14. #1 OR #2 OR #3
15. #4 OR #5 OR #6 OR #7
16. #8 OR #9 OR #10 OR #11 OR #12 OR #13
17. #14 AND #15 AND #16

CINAHL

1. classification.ti,ab
2. classif*.ti,ab
3. type*.ti,ab
4. (abdominal AND hernia).ti,ab
5. (incisional AND hernia).ti,ab
6. parastoma* AND hernia).ti,ab
7. (para-stoma* AND hernia).ti,ab
8. stoma.ti,ab
9. ostomy.ti,ab
10. (ileal AND conduit).ti,ab
11. Bricker.ti,ab
12. 1 OR 2 OR 3
13. 4 OR 5 OR 6 OR 7
14. 8 OR 9 OR 10 OR 11
15. 12 AND 13 AND 14

CENTRAL

#1 Any MeSH descriptor with qualifier(s): [Classification - CL]
#2 classif*
#3 type*
#4 MeSH descriptor: [Hernia, Abdominal] explode all trees
#5 MeSH descriptor: [Incisional Hernia] explode all trees
#6 parastoma* hernia
#7 para-stoma* hernia
#8 stoma
#9 MeSH descriptor: [Ostomy] explode all trees
#10 *ostomy
#11 ileal conduit
#12 Bricker
#13 #1 or #2 or #3
#14 #4 or #5 or #6 or #7
#15 #8 or #9 or #10 or #11 or #12
#16 #13 and #14 and #15

OpenGrey
(classification OR classif* OR classif* OR type) AND ((abdominal hernia) OR (incisional hernia) (parastoma* hernia) OR (para-stoma* hernia)) AND (stoma OR *ostomy OR ostomy OR (ileal conduit) OR Bricker)

c. Introductory Question 3b

MEDLINE
1. European Hernia Society [all]
2. EHS [all]
3. Devlin [all]
4. Bielański [all]
5. Polish [all]
6. Poland [all]
7. Moreno-Matias [all]
8. Rubin [all]
9. parastomal
10. classif*
11. clinico-radiological classification [all]
12. #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8
13. #9 AND #10
14. #12 AND #13
15. #9 AND #11
16. #14 OR #15

CINAHL
1. (European AND Hernia AND Society).af
2. EHS.af
3. Devlin.af
4. Bielański.af
5. Polish.af
6. Poland.af
7. Moreno-Matias.af
8. Rubin.af
9. parastomal.af
10. classif*.af
11. (clinico-radiological AND classification).af
12. 1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8
13. 9 AND 10
14. 12 AND 13
15. 9 AND 11
16. 14 OR 15
CENTRAL

#1 European Hernia Society
#2 EHS
#3 Devlin
#4 Bielański
#5 Polish
#6 Poland
#7 Moreno-Matias
#8 Rubin
#9 parastomal
#10 classif*
#11 clinico-radiological classification
#12 #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8
#13 #9 and #10
#14 #12 and #13
#15 #9 and #11
#16 #14 or #15

OpenGrey

((European Hernia Society) OR EHS OR Devlin OR Bielański OR Polish OR Poland OR Moreno-Matias OR Rubin) AND (parastomal AND classif*) OR ((clinico-radiological classification) AND parastomal)

d. Key Question 1

1. diagnostic accuracy [tiab, tw]
2. diagnosis [sh]
3. diagnos* [tiab, tw]
4. sensitivity and specificity [mh]
5. sensitivity [tiab, tw]
6. physical examination [mh]
7. physical examination [tiab, tw]
8. clinical diagnosis [tiab, tw]
9. tomography scanners, x-ray computed [mh]
10. compute* tomography [tiab, tw]
11. ct [tiab, tw]
12. ultrasonography [mh]
13. ultrasound [tiab, tw]
14. radiolog* [tiab, tw]
15. hernia, abdominal [mh]
16. hernia, incisional [mh]
17. parastoma* hernia [tiab, tw]
18. para-stoma* hernia [tiab, tw]
19. stoma [tiab, tw]
20. *ostomy [tiab, tw]
21. ostomy [mh]
22. ostomy [tiab, tw]
23. ileal conduit [tiab, tw]
24. Bricker [tiab, tw]
25. #1 OR #2 OR #3 OR #4 OR #5
26. #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14
27. #15 OR #16
28. #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24
29. #25 AND #26 AND #27 AND #28
CINAHL

1. (diagnostic AND accuracy).ti,ab
2. diagnos*.ti,ab
3. sensitivity.ti,ab
4. specificity.ti,ab
5. (physical AND examination).ti,ab
6. (clinical AND diagnosis).ti,ab
7. (compute* AND tomography).ti,ab
8. ct.ti,ab
9. ultrasonography.ti,ab
10. ultrasound.ti,ab
11. radiolog*.ti,ab
12. (abdominal AND hernia).ti,ab
13. (incisional AND hernia).ti,ab
14. (parastoma* AND hernia).ti,ab
15. (para-stoma* AND hernia).ti,ab
16. stoma.ti,ab
17. ostomy.ti,ab
18. (ileal AND conduit).ti,ab
19. Bricker.ti,ab
20. 1 OR 2 OR 3 OR 4
21. 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11
22. 12 OR 13
23. 14 OR 15 OR 16 OR 17 OR 18 OR 19
24. 20 AND 21 AND 22 AND 23

CENTRAL

#1 diagnostic accuracy
#2 MeSH descriptor: [Diagnosis] explode all trees
#3 diagnos*
#4 MeSH descriptor: [Sensitivity and Specificity] explode all trees
#5 sensitivity
#6 MeSH descriptor: [Physical Examination] explode all trees
#7 clinical diagnosis
#8 MeSH descriptor: [Tomography Scanners, X-Ray Computed] explode all trees
#9 compute* tomography
#10 ct
#11 MeSH descriptor: [Ultrasonography] explode all trees
#12 ultrasound
#13 radiolog*
#14 MeSH descriptor: [Hernia, Abdominal] explode all trees
#15 MeSH descriptor: [Incisional Hernia] explode all trees
#16 parastoma* hernia
#17 para-stoma* hernia
#18 stoma
#19 *ostomy
#20 MeSH descriptor: [Ostomy] explode all trees
#21 ileal conduit
#22 Bricker
#23 #1 or #2 or #3 or #4 or #5
#24 #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13
#25 #14 or #15

OpenGrey

((diagnostic accuracy) OR diagnos* OR sensitivity OR specificity) AND ((physical examination) OR (clinical diagnosis) OR (clinical examination) OR (compute* tomography) OR ct OR
ultrasonography OR ultrasound OR radiolog*) AND (hernia) AND (stoma OR *ostomy OR (ileal conduit) OR Bricker)

e. Key Question 2

MEDLINE

1. watchful waiting [mh]
2. watchful waiting [tiab, tw]
3. observation [mh]
4. observ* [tiab, tw]
5. conservative [tiab, tw]
6. hernia, abdominal [mh]
7. hernia, incisional [mh]
8. parastoma* hernia [tiab, tw]
9. para-stoma* hernia [tiab, tw]
10. stoma [tiab, tw]
11. *ostomy [tiab, tw]
12. ostomy [mh]
13. ostomy [tiab, tw]
14. ileal conduit [tiab, tw]
15. Bricker [tiab, tw]
16. #1 OR #2 OR #3 OR #4 OR #5
17. #6 OR #7
18. #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15
19. #16 AND #17 AND #18

CINAHL

1. (watchful AND waiting).ti,ab
2. observ*.ti,ab
3. conservative.ti,ab
4. (abdominal AND hernia).ti,ab
5. (incisional AND hernia).ti,ab
6. (parastoma* AND hernia).ti,ab
7. (para-stoma* AND hernia).ti,ab
8. stoma.ti,ab
9. ostomy.ti,ab
10. (ileal AND conduit).ti,ab
11. Bricker.ti,ab
12. 1 OR 2 OR 3
13. 4 OR 5
14. 6 OR 7 OR 8 OR 9 OR 10 OR 11
15. 12 AND 13 AND 14

CENTRAL

#1 MeSH descriptor: [Watchful Waiting] explode all trees
#2 watchful waiting
#3 MeSH descriptor: [Observation] explode all trees
#4 observ*
#5 conservative
#6 MeSH descriptor: [Hernia, Abdominal] explode all trees
#7 MeSH descriptor: [Incisional Hernia] explode all trees
#8 parastoma* hernia
#9 para-stoma* hernia
#10 stoma
#11 MeSH descriptor: [Ostomy] explode all trees
#12 *ostomy
#13 ileal conduit
OpenGrey

((watchful waiting) OR observ* OR conservative) AND (hernia) AND (stoma OR *ostomy OR (ileal conduit) OR Bricker)

f. Key Question 3a

MEDLINE

1. transperitoneal [tiab, tw]
2. intraperitoneal [tiab, tw]
3. extraperitoneal [tiab, tw]
4. transrect* [tiab, tw]
5. trephine [tiab, tw]
6. hernia, abdominal [mh]
7. hernia, incisional [mh]
8. parastoma* hernia [tiab, tw]
9. para-stoma* hernia [tiab, tw]
10. stoma [tiab, tw]
11. *ostomy [tiab, tw]
12. ostomy [mh]
13. ostomy [tiab, tw]
14. ileal conduit [tiab, tw]
15. Bricker [tiab, tw]
16. #1 OR #2 OR #3 OR #4 OR #5
17. #6 OR #7
18. #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15
19. #16 AND #17 AND #18

CINAHL

1. transperitoneal.ti,ab
2. intraperitoneal.ti,ab
3. extraperitoneal.ti,ab
4. transrect*.ti,ab
5. trephine.ti,ab
6. (abdominal AND hernia).ti,ab
7. (incisional AND hernia).ti,ab
8. (parastoma* AND hernia).ti,ab
9. (para-stoma* AND hernia).ti,ab
10. stoma.ti,ab
11. *ostomy.ti,ab
12. ostomy.ti,ab
13. ostomy.ti,ab
14. ileal conduit.ti,ab
15. Bricker.ti,ab
16. 1 OR 2 OR 3 OR 4 OR 5
17. 6 OR 7
18. 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15
19. 16 AND 17 AND 18

CENTRAL

#1 *peritoneal
#2 transrect*
#3 trephine
#4 MeSH descriptor: [Hernia, Abdominal] explode all trees
#5 MeSH descriptor: [Incisional Hernia] explode all trees
#6 para-stoma* hernia
#7 stoma
#8 *ostomy
#10 MeSH descriptor: [Ostomy] explode all trees
#11 ileal conduit
#12 Bricker
#13 #1 or #2 or #3
#14 #4 or #5
#15 #6 or #7 or #8 or #9 or #10 or #11 or #12
#16 #13 and #14 and #15

OpenGrey

(*peritoneal OR transrect* OR lateral OR trephine) AND hernia AND (stoma OR *ostomy OR (ileal conduit) OR Bricker)

g. Key Question 3b

MEDLINE

1. diameter [tiab, tw]
2. aperture [tiab, tw]
3. defect size [tiab, tw]
4. trephine [tiab, tw]
5. hernia, abdominal [mh]
6. hernia [tiab, tw]
7. parastoma* hernia [tiab, tw]
8. para-stoma* hernia [tiab, tw]
9. stoma [tiab, tw]
10. *ostomy [tiab, tw]
11. ostomy [mh]
12. ostomy [tiab, tw]
13. ileal conduit [tiab, tw]
14. Bricker [tiab, tw]
15. #1 OR #2 OR #3 OR #4
16. #5 OR #6
17. #7 OR #8
18. #9 OR #10 OR #11 OR #12 OR #13 OR #14
19. #15 AND #16 AND #17 AND #18

CINAHL

1. diameter.ti,ab;
2. aperture.ti,ab
3. (defect AND size).ti,ab
4. trephine.ti,ab
5. hernia.ti,ab
6. (parastoma* AND hernia).ti,ab
7. (para-stoma* AND hernia).ti,ab
8. stoma.ti,ab
9. ostomy.ti,ab
10. (ileal AND conduit).ti,ab
11. Bricker.ti,ab
12. 1 OR 2 OR 3 OR 4
13. 6 OR 7
14. 8 OR 9 OR 10 OR 11
15. 5 AND 12 AND 13 AND 14
CENTRAL

#1 diameter
#2 aperture
#3 defect size
#4 trephine
#5 MeSH descriptor: [Hernia, Abdominal] explode all trees
#6 hernia
#7 parastoma* hernia
#8 para-stoma* hernia
#9 stoma
#10 *ostomy
#11 MeSH descriptor: [Ostomy] explode all trees
#12 ostomy
#13 ileal conduit
#14 Bricker
#15 #1 or #2 or #3 or #4
#16 #5 or #6
#17 #7 or #8
#18 #9 or #10 or #11 or #12 or #13 or #14
#19 #15 and #16 and #17 and #18

OpenGrey

(diameter OR aperture OR (defect size) OR trephine) AND hernia AND (stoma OR *ostomy OR ostomy OR (ileal conduit) OR Bricker)

h. Key Question 4

MEDLINE

1. surgical mesh [mh]
2. mesh [tiab, tw]
3. prevention and control [sh]
4. prophyla* [tiab, tw]
5. prevent* [tiab, tw]
6. hernia, abdominal [mh]
7. hernia, incisional [mh]
8. parastoma* hernia [tiab, tw]
9. para-stoma* hernia [tiab, tw]
10. stoma [tiab, tw]
11. *ostomy [tiab, tw]
12. ostomy [mh]
13. ostomy [tiab, tw]
14. ileal conduit [tiab, tw]
15. Bricker [tiab, tw]
16. #1 OR #2
17. #3 OR #4 OR #5
18. #6 OR #7
19. #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15
20. #16 AND #17 AND #18 AND 19

CINAHL

1. mesh.ti,ab
2. prophyla*.ti,ab
3. prevent*.ti,ab
4. (abdominal AND hernia).ti,ab
5. (incisional AND hernia).ti,ab
6. (parastoma* AND hernia).ti,ab
7. (para-stoma* AND hernia).ti,ab
8. stoma.ti,ab
9. ostomy.ti,ab
10. (ileal AND conduit).ti,ab
11. Bricker.ti,ab
12. 2 OR 3
13. 4 OR 5
14. 6 AND 7 AND 8 AND 9 AND 10 AND 11
15. 1 AND 12 AND 13 AND 14

CENTRAL

#1 MeSH descriptor: [Surgical Mesh] explode all trees
#2 mesh
#3 Any MeSH descriptor with qualifier(s): [Prevention & control - PC]
#4 prophyla*
#5 prevent*
#6 MeSH descriptor: [Hernia, Abdominal] explode all trees
#7 MeSH descriptor: [Incisional Hernia] explode all trees
#8 stoma
#9 *ostomy
#10 MeSH descriptor: [Ostomy] explode all trees
#11 ileal conduit
#12 Bricker
#13 #1 or #2
#14 #3 or #4 or #5
#15 #6 or #7
#16 #8 or #9 or #10 or #11 or #12
#17 #13 and #14 and #15 and #16

OpenGrey

mesh AND (prophyla* OR prevent*) AND hernia AND (stoma OR *ostomy OR (ileal conduit) OR Bricker)

i. Key Question 5

MEDLINE

1. surgical mesh [mh]
2. mesh [tiab, tw]
3. recurrence [mh]
4. recurrence [tiab, tw]
5. morbidity [mh]
6. morbidity [tiab, tw]
7. postoperative complications [mh]
8. postoperative complications [tiab, tw]
9. hernia, abdominal [mh]
10. hernia, incisional [mh]
11. para-stoma* hernia [tiab, tw]
12. para-stoma* hernia [tiab, tw]
13. stoma [tiab, tw]
14. *ostomy [tiab, tw]
15. ostomy [mh]
16. ostomy [tiab, tw]
17. ileal conduit [tiab, tw]
18. Bricker [tiab, tw]
19. #1 OR #2
20. #3 OR #4 OR #5 OR #6 OR #7 OR #8
21. #9 OR #10
22. #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18
23. #19 AND #20 AND #21 AND #22

CINAHL

1. mesh.ti,ab;
2. recurrence.ti,ab
3. morbidity.ti,ab
4. complication*.ti,ab
5. (abdominal AND hernia).ti,ab
6. (incisional AND hernia).ti,ab
7. (parastoma* AND hernia).ti,ab
8. (para-stoma* AND hernia).ti,ab
9. stoma.ti,ab
10. ostomy.ti,ab
11. (ileal AND conduit).ti,ab
12. Bricker.ti,ab
13. 2 OR 3 OR 4
14. 5 OR 6
15. 7 OR 8 OR 9 OR 10 OR 11 OR 12
16. 1 AND 13 AND 14 AND 15

CENTRAL

#1 MeSH descriptor: [Surgical Mesh] explode all trees
#2 mesh
#3 MeSH descriptor: [Morbidity] explode all trees
#4 MeSH descriptor: [Postoperative Complications] explode all trees
#5 MeSH descriptor: [Hernia, Abdominal] explode all trees
#6 MeSH descriptor: [Incisional Hernia] explode all trees
#7 parastoma* hernia
#8 para-stoma* hernia
#9 stoma
#10 *ostomy
#11 MeSH descriptor: [Ostomy] explode all trees
#12 ileal conduit
#13 Bricker
#14 #1 or #2
#15 #3 or #4
#16 #5 or #6
#17 #7 or #8 or #9 or #10 or #11 or #12 or #13
#18 #14 and #15 and #16 and #17

OpenGrey

mesh AND (recurrence OR recur* OR morbidity OR complicat*) AND hernia AND (stoma OR *ostomy OR (ileal conduit) OR Bricker)

j. Key Question 6

MEDLINE

1. surgical mesh [mh]
2. mesh [tiab, tw]
3. recurrence [mh]
4. recurrence [tiab, tw]
5. morbidity [mh]
6. morbidity [tiab, tw]
7. postoperative complications [mh]
8. postoperative complications [tiab, tw]
9. laparoscopy [mh]
10. laparoscop* [tiab, tw]
11. minimally invasive surgical procedures [mh]
12. hernia, abdominal [mh]
13. hernia, incisional [mh]
14. parastoma* hernia [tiab, tw]
15. para-stoma* hernia [tiab, tw]
16. stoma [tiab, tw]
17. *ostomy [tiab, tw]
18. ostomy [mh]
19. ostomy [tiab, tw]
20. ileal conduit [tiab, tw]
21. Bricker [tiab, tw]
22. #1 OR #2
23. #3 OR #4 OR #5 OR #6 OR #7 OR #8
24. #9 OR #10 OR #11
25. #12 OR #13
26. #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21
27. #22 AND #23 AND #24 AND #25 AND #26

CINAHL
1. mesh.ti,ab
2. recurrence.ti,ab
3. morbidity.ti,ab
4. complication*.ti,ab
5. laparoscop*.ti,ab
6. (abdominal AND hernia).ti,ab
7. (incisional AND hernia).ti,ab
8. (parastoma* AND hernia).ti,ab
9. (para-stoma* AND hernia).ti,ab
10. stoma.ti,ab
11. ostomy.ti,ab
12. (ileal AND conduit).ti,ab
13. Bricker.ti,ab
14. 2 OR 3 OR 4
15. 6 OR 7
16. 8 OR 9 OR 10 OR 11 OR 12 OR 13
17. 1 AND 5 AND 14 AND 15 AND 16

CENTRAL
#1 MeSH descriptor: [Surgical Mesh] explode all trees
#2 mesh
#3 MeSH descriptor: [Recurrence] explode all trees
#4 MeSH descriptor: [Morbidity] explode all trees
#5 MeSH descriptor: [Postoperative Complications] explode all trees
#6 MeSH descriptor: [Laparoscopy] explode all trees
#7 laparoscop*
#8 MeSH descriptor: [Minimally Invasive Surgical Procedures] explode all trees
#9 MeSH descriptor: [Hernia, Abdominal] explode all trees
#10 MeSH descriptor: [Incisional Hernia] explode all trees
#11 parastoma* hernia
#12 para-stoma* hernia
#13 stoma
#14 *ostomy
#15 MeSH descriptor: [Ostomy] explode all trees
#16 ileal conduit
#17 Bricker
#18 #1 or #2
#19 #3 or #4 or #5
#20 #6 or #7 or #8
#21 #9 or #10
#22 #11 or #12 or #13 or #14 or #15 or #16 or #17
#23 #18 and #19 and #20 and #21 and #22

OpenGrey

mesh AND (recur* OR morbidity OR complication*) AND (laparoscop*) AND hernia AND (stoma OR *ostomy OR (ileal conduit) OR Bricker)

k. Key Question 7

MEDLINE

1. treatment [tiab, tw]
2. repair [tiab, tw]
3. herniorrhaphy [mh]
4. relocation [tiab, tw]
5. onlay [tiab, tw]
6. sublay [tiab, tw]
7. underlay [tiab, tw]
8. intraperitoneal [tiab, tw]
9. retromuscular [tiab, tw]
10. Sugarbaker [tiab, tw]
11. keyhole [tiab, tw]
12. prophyla* [ti]
13. prevent* [ti]
14. surgical mesh [mh]
15. mesh [tiab, tw]
16. recurrence [mh]
17. recurrence [tiab, tw]
18. morbidity [mh]
19. morbidity [tiab, tw]
20. postoperative complications [mh]
21. postoperative complications [tiab, tw]
22. hernia, abdominal [mh]
23. hernia, incisional [mh]
24. parastoma* hernia [tiab, tw]
25. para-stoma* hernia [tiab, tw]
26. stoma [tiab, tw]
27. *ostomy [tiab, tw]
28. ostomy [mh]
29. ostomy [tiab, tw]
30. ileal conduit [tiab, tw]
31. Bricker [tiab, tw]
32. #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11
33. #12 OR #13
34. #14 OR #15
35. #16 OR #17 OR #18 OR #19 OR #20 OR #21
36. #22 OR #23
37. #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31
38. #32 AND #34 AND #35 AND #36 AND #37
39. #38 NOT #33

CINAHL

1. treatment,ti,ab
2. repair,ti,ab
3. herniorrhaphy,ti,ab
4. relocation.ti,ab
5. onlay.ti,ab
6. sublay.ti,ab
7. underlay.ti,ab
8. intraperitoneal.ti,ab
9. retromuscular.ti,ab
10. Sugarbaker.ti,ab
11. keyhole.ti,ab
12. prophyla*.ti,ab
13. prevent*.ti,ab
14. mesh.ti,ab
15. recurrence.ti,ab
16. morbidity.ti,ab
17. complication*.ti,ab
18. (abdominal AND hernia).ti,ab
19. (incisional AND hernia).ti,ab
20. (parastoma* AND hernia).ti,ab
21. (para-stoma* AND hernia).ti,ab
22. stoma.ti,ab
23. ostomy.ti,ab
24. (ileal AND conduit).ti,ab
25. Bricker.ti,ab
26. 1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11
27. 12 OR 13
28. 15 OR 16 OR 17
29. 18 OR 19
30. 20 OR 21 OR 22 OR 23 OR 24 OR 25
31. 26 AND 28 AND 29 AND 30
32. 31 NOT 27

CENTRAL

#1 treatment
#2 repair
#3 MeSH descriptor: [Herniorrhaphy] explode all trees
#4 relocation
#5 onlay
#6 sublay
#7 underlay
#8 intraperitoneal
#9 retromuscular
#10 Sugarbaker
#11 keyhole
#12 MeSH descriptor: [Surgical Mesh] explode all trees
#13 mesh
#14 MeSH descriptor: [Recurrence] explode all trees
#15 MeSH descriptor: [Morbidity] explode all trees
#16 MeSH descriptor: [Postoperative Complications] explode all trees
#17 MeSH descriptor: [Hernia, Abdominal] explode all trees
#18 MeSH descriptor: [Incisional Hernia] explode all trees
#19 parastoma* hernia
#20 para-stoma* hernia
#21 stoma
#22 *ostomy
#23 MeSH descriptor: [Ostomy] explode all trees
#24 ileal conduit
#25 Bricker
#26 #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11
#27 #12 or #13
#28 #14 or #15 or #16
OpenGrey

(treatment OR repair OR herniorrhaphy OR relocation OR onlay OR sublay OR underlay OR intraperitoneal OR retromuscular OR Sugarbaker OR keyhole) AND mesh AND (recur* OR morbidity OR complication*) AND hernia AND (stoma OR *ostomy OR (ileal conduit) OR Bricker)

1. Key Question 8

MEDLINE

1. treatment [tiab, tw]
2. repair [tiab, tw]
3. herniorrhaphy [mh]
4. relocation [tiab, tw]
5. onlay [tiab, tw]
6. sublay [tiab, tw]
7. underlay [tiab, tw]
8. intraperitoneal [tiab, tw]
9. retromuscular [tiab, tw]
10. Sugarbaker [tiab, tw]
11. keyhole [tiab, tw]
12. sandwich [tiab, tw]
13. non-slit [tiab, tw]
14. ipom [tiab, tw]
15. laparoscopy [mh]
16. laparoscop* [tiab, tw]
17. minimally invasive surgical procedures [mh]
18. prophyla* [ti]
19. prevent* [ti]
20. surgical mesh [mh]
21. mesh [tiab, tw]
22. recurrence [mh]
23. recurrence [tiab, tw]
24. morbidity [mh]
25. morbidity [tiab, tw]
26. postoperative complications [mh]
27. postoperative complications [tiab, tw]
28. parastoma* hernia [tiab, tw]
29. para-stoma* hernia [tiab, tw]
30. stoma [tiab, tw]
31. *ostomy [tiab, tw]
32. ostomy [mh]
33. ostomy [tiab, tw]
34. ileal conduit [tiab, tw]
35. Bricker [tiab, tw]
36. #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14
37. #15 OR #16 OR #17
38. #18 OR #19
39. #20 OR #21
40. #22 OR #23 OR #24 OR #25 OR #26 OR #27
41. #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35
42. #36 AND #37 AND #39 AND #40 AND #41
43. #42 NOT #38

CINAHL
1. treatment.ti,ab
2. repair.ti,ab
3. herniorrhaphy.ti,ab
4. relocation.ti,ab
5. onlay.ti,ab
6. sublay.ti,ab
7. underlay.ti,ab
8. intraperitoneal.ti,ab
9. retromuscular.ti,ab
10. Sugarbaker.ti,ab
11. keyhole.ti,ab
12. sandwich.ti,ab
13. non-slit.ti,ab; 1 results.
14. ipom.ti,ab
15. laparoscopy.ti,ab
16. prophylaxis.ti,ab
17. prevent.ti,ab
18. mesh.ti,ab
19. recurrence.ti,ab
20. morbidity.ti,ab
21. complication.ti,ab
22. (parastoma* AND hernia).ti,ab
23. (para-stoma* AND hernia).ti,ab
24. stoma.ti,ab
25. ostomy.ti,ab
27. Bricker.ti,ab
28. 1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17 OR 18 OR 19 OR 20 OR 21 OR 22 OR 23 OR 24 OR 25 OR 26 OR 27 OR 28 OR 29 OR 30 AND 31 AND 32 AND 33 AND 34 AND 35 AND 36 NOT 31

CENTRAL

#1 treatment
#2 repair
#3 MeSH descriptor: [Herniorrhaphy] explode all trees
#4 relocation
#5 onlay
#6 sublay
#7 underlay
#8 intraperitoneal
#9 retromuscular
#10 Sugarbaker
#11 keyhole
#12 sandwich
#13 non-slit
#14 ipom
#15 MeSH descriptor: [Laparoscopy] explode all trees
#16 laparoscopy
#17 MeSH descriptor: [Minimally Invasive Surgical Procedures] explode all trees
#18 MeSH descriptor: [Surgical Mesh] explode all trees
#19 mesh
#20 MeSH descriptor: [Recurrence] explode all trees
#21 MeSH descriptor: [Morbidity] explode all trees
#22 MeSH descriptor: [Postoperative Complications] explode all trees
OpenGrey

(treatment OR repair OR herniorrhaphy OR relocation OR onlay OR sublay OR underlay OR intraperitoneal OR retromuscular OR Sugarbaker OR keyhole OR sandwich OR non-slit OR ipom) AND laparoscop* AND mesh AND (recurrence OR morbidity OR complicat*) AND ((parastoma* hernia) OR (parastoma* hernia) OR stoma OR *ostomy OR (ileal conduit) OR Bricker)

m. Key Question 9

MEDLINE

1. surgical mesh [mh]
2. mesh [tiab, tw]
3. polypropylenes [mh]
4. polypropylene [tiab, tw]
5. prolene [tiab, tw]
6. marlex [tiab, tw]
7. polyesters [mh]
8. polyester [tiab, tw]
9. polyvinylidene fluoride [tiab, tw]
10. pvdf [tiab, tw]
11. polytetrafluoroethylene [mh]
12. *polytetrafluoroethylene [tiab, tw]
13. *ptfe [tiab, tw]
14. bio-a [tiab, tw]
15. polyglycolic acid [mh]
16. polyglycolic acid [tiab, tw]
17. polyglactin 910 [mh]
18. polyglactin 910 [tiab, tw]
19. absorbable implants [mh]
20. biologic* [tiab, tw]
21. biomesh [tiab, tw]
22. biosynthetic [tiab, tw]
23. recurrence [mh]
24. recurrence [tiab, tw]
25. morbidity [mh]
26. morbidity [tiab, tw]
27. postoperative complications [mh]
28. postoperative complications [tiab, tw]
29. hernia [mh]
30. hernia [tiab, tw]
31. parastoma* hernia [tiab, tw]
32. para-stoma* hernia [tiab, tw]
33. stoma [tiab, tw]
34. *ostomy [tiab, tw]
35. ostomy [mh]
36. ostomy [tiab, tw]
37. ileal conduit [tiab, tw]
38. Bricker [tiab, tw]
39. #1 OR #2
40. #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22
41. #23 OR #24 OR #25 OR #26 OR #27 OR #28
42. #29 OR #30
43. #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38
44. #39 AND #40 AND #41 AND #42 AND #43

CINAHL

1. mesh.ti,ab
2. polypropylene.ti,ab
3. prolene.ti,ab
4. marlex.ti,ab
5. polyester.ti,ab
6. (polyvinylidene AND fluoride).ti,ab
7. pvdf.ti,ab
8. polytetrafluoroethylene.ti,ab
9. (expanded AND polytetrafluoroethylene).ti,ab
10. ptfe.ti,ab
11. e-ptfe.ti,ab
12. bio-a.ti,ab
13. (polyglycolic AND acid).ti,ab
14. (polyglactin AND 910).ti,ab
15. (absorbable AND implants).ti,ab
16. biologic*.ti,ab
17. biomesht.ti,ab
18. biosynthetic.ti,ab
19. recurrence.ti,ab
20. morbidity.ti,ab
21. complication*.ti,ab
22. hernia.ti,ab
23. (parastoma* AND hernia).ti,ab
24. (para-stoma* AND hernia).ti,ab
25. stoma.ti,ab
26. ostomy.ti,ab
27. (ileal AND conduit).ti,ab
28. Bricker.ti,ab
29. 1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17 OR 18
30. 19 OR 20 OR 21
31. 23 OR 24 OR 25 OR 26 OR 27 OR 28
32. 22 AND 29 AND 30 AND 31

CENTRAL

#1 MeSH descriptor: [Surgical Mesh] explode all trees
#2 mesh
#3 MeSH descriptor: [Polypropylenes] explode all trees
#4 polypropylene
#5 prolene
#6 marlex
#7 MeSH descriptor: [Polyesters] explode all trees
#8 polyester
#9 polyvinylidene fluoride
#10 pvdf
#11 *polytetrafluoroethylene
#12 *ptfe
#13 bio-a
#14 MeSH descriptor: [Polyglycolic Acid] explode all trees
#15 MeSH descriptor: [Polyglactin 910] explode all trees
#16 MeSH descriptor: [Absorbable Implants] explode all trees
#17 biologic*
#18 biomesh
#19 biosynthetic
#20 MeSH descriptor: [Recurrence] explode all trees
#21 MeSH descriptor: [Morbidity] explode all trees
#22 MeSH descriptor: [Postoperative Complications] explode all trees
#23 MeSH descriptor: [Hernia] explode all trees
#24 para-stoma* hernia
#25 para-stoma* hernia
#26 stoma
#27 *ostomy
#28 MeSH descriptor: [Ostomy] explode all trees
#29 ileal conduit
#30 Bricker
#31 #1 or #2 or #3
#32 #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19
#33 #20 or #21 or #22
#34 #24 or #25 or #26 or #27 or #28 or #29 or #30
#35 #23 and #31 and #32 and #33 and #34

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mesh AND (polypropylene* OR prolene OR marlex OR polyester* OR (polyvinylidene fluoride) OR pvdf OR *polytetrafluoroethylene OR *ptfe OR bio-a (polyglycolic acid) OR (polyglactin 910) OR biologic* OR biomesh OR biosynthetic) AND (recur* OR morbidity OR complication*) AND hernia AND (stoma OR *ostomy OR (ileal conduit) OR Bricker)