

Supplementary Materials 1: Clinical effectiveness search strategies for other databases

Database: MEDLINE In-Process and Other Non-Indexed Citations

Host: Ovid

Data Parameters: September 11, 2017

Date Searched: 12/9/2017

Searcher: SB

Hits: 459

Strategy:

1. ((older or frail or elderly) adj2 (person* or people or patient* or population* or adult*)).tw.
2. geriatric*.tw.
3. or/1-2
4. ((eye* or sclera or iris or retina or cataract or ophthalmol*) adj3 (surgery or surgical* or procedur*)).tw.
5. ((heart or cardiac or coronary) adj3 (surgery or surgical* or procedur* or transplant* or angiography or angioplasty or bypass)).tw.
6. (aortic adj3 (replacement or surgery or surgical* or procedur*)).tw.
7. (carotid adj3 endarterectomy).tw.
8. ((arterial or artery or arteries) adj3 (bypass or surgery or surgical* or angioplasty or embolectomy)).tw.
9. ((urinary or urologic* or genitourinary or bladder or prostate) adj3 (surgery or surgical* or procedur*)).tw.
10. (urethrotomy or prostatectomy).tw.
11. (meningioma* adj3 (surgery or surgical* or procedur*)).tw.
12. craniotomy.tw.
13. ((lung or thoracic or cardiothoracic or pulmonary or chest or diaphragm) adj3 (surgery or surgical* or resection* or procedur*)).tw.
14. (thoracotomy or pneumonectomy).tw.
15. ("bile duct" adj3 (resection* or surgery or surgical* or procedur*)).tw.
16. ((pancreas or pancreatic) adj3 (surgery or surgical* or resection* or procedur*)).tw.
17. (pancreatectomy or pancreaticoduodenectomy).tw.

18. "endovascular aortic aneurysm repair*".tw.
19. "endovascular abdominal aneurysm repair*".tw.
20. ((hip or knee or "lower limb*") adj3 (replacement* or restructur* or arthroplasty or hemiarthroplasty or surgery or surgical* or procedur*)).tw.
21. or/4-20
22. 3 or 21
23. ("enhanced recovery after" adj3 surgery).tw.
24. ERAS.tw.
25. ((enhanced or early or earlier) adj3 (recovery or mobili?ation or ambulation or rehab*)).tw.
26. ERP.tw.
27. ("proactive care" adj2 "older people").tw.
28. POPS.tw.
29. ("fast track" adj3 (surgery or surgical* or program* or management or "patient care")).tw.
30. (multimodal adj3 (rehab* or perioperative or postoperative or "post operative" or optimi?ation or care or convalesc*)).tw.
31. (optimal adj2 ("preoperative assessment" or "preoperative management")).tw.
32. ((accelerated or optimi?ed or rapid or "fast track") adj3 (care or rehab* or recovery or mobili?ation or ambulation or convalesc*)).tw.
33. ((improved or improving) adj2 recovery).tw.
34. "comprehensive geriatric assessment*".tw.
35. "short acting an?esthetic*".tw.
36. ((integrated or managed) adj1 "care pathway*").tw.
37. ((multidisciplinary or "multi disciplinary") adj1 assessment*).tw.
38. ((physiotherap* or exercise*) adj3 (augment* or increas* or "higher frequency")).tw.
39. ("pressure ulcer*" adj3 "risk assessment").tw.
40. ((nutrition* or feed* or eat*) adj3 support*).tw.
41. "supported discharge".tw.
42. or/23-41
43. ((length or duration) adj4 stay adj8 (reduce* or reduction* or reducing or shorter or shortening or "positive effect*" or prolong* or increas* or decreas* or improve* or improving or "patient outcome*" or "clinical outcome*" or "clinical indicator*" or "outcome measure*")).tw.

44. (hospital* adj3 stay adj8 (reduce* or reduction* or reducing or shorter or shortening or "positive effect" or prolong* or increas* or decreas* or improve or improving or "patient outcome*" or "clinical outcome*" or "clinical indicator*" or "outcome measure*")).tw.
45. (time adj3 discharg*).tw.
46. or/43-45
47. 42 or 46
48. randomi?ed.tw.
49. rct*.tw.
50. trial*.tw.
51. ((single or doubl* or tripl* or treb*) and (blind* or mask*)).tw.
52. ("4 arm" or "four arm").tw.
53. ((before adj4 after) or "BA stud*" or "CBA stud*").tw.
54. ("pre post" or "pre test*" or pretest* or posttest* or "post test*" or (pre adj3 post)).tw.
55. (interrupt* adj2 "time series").tw.
56. ("time points" adj3 (over or multiple or three or four or five or six or seven or eight or nine or ten or eleven or twelve or month* or hour* or day* or "more than")).tw.
57. (("quasi experiment*" or quasiexperiment* or "quasi random*" or quasirandom* or "quasi control*" or quasicontrol*) adj3 (method* or stud* or design*)).tw.
58. or/48-57
59. 22 and 47 and 58

Database: HMIC

Host: Ovid

Data Parameters: 1979 to March 2017

Date Searched: 12/9/2017

Searcher: SB

Hits: 69

Strategy: see MEDLINE In-Process and Other Non-Indexed Citations

Database: Embase

Host: Ovid

Data Parameters: 1974 to 2017 September 11

Date Searched: 12/9/2017

Searcher: SB

Hits: 7194

Strategy:

1. ((older or frail or elderly) adj2 (person* or people or patient* or population* or adult*)).tw.
2. geriatric*.tw.
3. *aged/
4. *aged hospital patient/
5. *very elderly/
6. *frail elderly/
7. *elderly care/
8. *geriatrics/
9. or/1-8
10. ((eye* or sclera or iris or retina or cataract or ophthalmol*) adj3 (surgery or surgical* or procedur*)).tw.
11. exp *eye surgery/
12. ((heart or cardiac or coronary) adj3 (surgery or surgical* or procedur* or transplant* or angiography or angioplasty or bypass)).tw.
13. exp *heart surgery/
14. (aortic adj3 (replacement or surgery or surgical* or procedur*)).tw.
15. (carotid adj3 endarterectomy).tw.
16. ((arterial or artery or arteries) adj3 (bypass or surgery or surgical* or angioplasty or embolectomy)).tw.

17. exp *coronary artery bypass graft/
18. ((urinary or urologic* or genitourinary or bladder or prostate) adj3 (surgery or surgical* or procedur*)).tw.
19. (urethrotomy or prostatectomy).tw.
20. exp *urologic surgery/
21. (meningioma* adj3 (surgery or surgical* or procedur*)).tw.
22. craniotomy.tw.
23. *craniotomy/
24. ((lung or thoracic or thorax or cardiothoracic or pulmonary or chest or diaphragm) adj3 (surgery or surgical* or resection* or procedur*)).tw.
25. (thoracotomy or pneumonectomy).tw.
26. exp *thorax surgery/
27. ("bile duct" adj3 (resection* or surgery or surgical* or procedur*)).tw.
28. ((pancreas or pancreatic) adj3 (surgery or surgical* or resection* or procedur*)).tw.
29. (pancreatectomy or pancreaticoduodenectomy).tw.
30. *pancreas resection/
31. "endovascular aortic aneurysm repair*".tw.
32. "endovascular abdominal aneurysm repair*".tw.
33. ((hip or knee or "lower limb*") adj3 (replacement* or restructur* or arthroplasty or hemiarthroplasty or surgery or surgical* or procedur*)).tw.
34. hip replacement/
35. knee replacement/
36. or/10-35
37. 9 or 36
38. ("enhanced recovery after" adj3 surgery).tw.
39. ERAS.tw.
40. ((enhanced or early or earlier) adj3 (recovery or mobili?ation or ambulation or rehab*)).tw.
41. ERP.tw.
42. ("proactive care" adj2 "older people").tw.
43. POPS.tw.
44. ("fast track" adj3 (surgery or surgical* or program* or management or "patient care")).tw.
45. (multimodal adj3 (rehab* or perioperative or postoperative or "post operative" or optimi?ation or care or convalesc*)).tw.
46. (optimal adj2 ("preoperative assessment" or "preoperative management")).tw.
47. ((accelerated or optimi?ed or rapid or "fast track") adj3 (care or rehab* or recovery or mobili?ation or ambulation or convalesc*)).tw.
48. ((improved or improving) adj2 recovery).tw.

49. "comprehensive geriatric assessment*".tw.
50. "short acting an?esthetic*".tw.
51. ((integrated or managed) adj1 "care pathway*").tw.
52. ((multidisciplinary or "multi disciplinary") adj1 assessment*).tw.
53. ((physiotherap* or exercise*) adj3 (augment* or increas* or "higher frequency")).tw.
54. ("pressure ulcer*" adj3 "risk assessment").tw.
55. ((nutrition* or feed* or eat*) adj3 support*).tw.
56. *Nutritional Support/
57. "supported discharge".tw.
58. or/38-57
59. ((length or duration) adj4 stay adj8 (reduce* or reduction* or reducing or shorter or shortening or "positive effect*" or prolong* or increas* or decreas* or improve* or improving or "patient outcome*" or "clinical outcome*" or "clinical indicator*" or "outcome measure*")).tw.
60. (hospital* adj3 stay adj8 (reduce* or reduction* or reducing or shorter or shortening or "positive effect" or prolong* or increas* or decreas* or improve or improving or "patient outcome*" or "clinical outcome*" or "clinical indicator*" or "outcome measure*")).tw.
61. (time adj3 discharg*).tw.
62. *"Length of Stay"/
63. or/59-62
64. 58 or 63
65. randomi?ed.tw.
66. rct*.tw.
67. trial*.tw.
68. ((single or doubl* or tripl* or treb*) and (blind* or mask*)).tw.
69. ("4 arm" or "four arm").tw.
70. ((before adj4 after) or "BA stud*" or "CBA stud*").tw.
71. ("pre post" or "pre test*" or pretest* or posttest* or "post test*" or (pre adj3 post)).tw.
72. (interrupt* adj2 "time series").tw.
73. ("time points" adj3 (over or multiple or three or four or five or six or seven or eight or nine or ten or eleven or twelve or month* or hour* or day* or "more than")).tw.
74. (("quasi experiment*" or quasiexperiment* or "quasi random*" or quasirandom* or "quasi control*" or quasicontrol*) adj3 (method* or stud* or design*)).tw.
75. or/65-74
76. 37 and 64 and 75

Database: CENTRAL

Host: The Cochrane Library

Data Parameters:

Date Searched:

Searcher: SB

Hits:

Strategy:

1. ((older or frail or elderly) near/2 (person* or people or patient* or population* or adult*)):ti or ((older or frail or elderly) near/2 (person* or people or patient* or population* or adult*)):ab
2. geriatric*:ti or geriatric*:ab
3. MeSH descriptor: [Aged] this term only
4. MeSH descriptor: [Aged, 80 and over] this term only
5. MeSH descriptor: [Frail Elderly] this term only
6. MeSH descriptor: [Geriatrics] this term only
7. {or #1-#6}
8. ((eye* or sclera or iris or retina or cataract or ophthalmol*) near/3 (surgery or surgical* or procedur*)):ti or ((eye* or sclera or iris or retina or cataract or ophthalmol*) near/3 (surgery or surgical* or procedur*)):ab
9. MeSH descriptor: [Ophthalmologic Surgical Procedures] this term only
10. ((heart or cardiac or coronary) near/3 (surgery or surgical* or procedur* or transplant* or angiography or angioplasty or bypass)):ti or ((heart or cardiac or coronary) near/3 (surgery or surgical* or procedur* or transplant* or angiography or angioplasty or bypass)):ab
11. (aortic near/3 (replacement or surgery or surgical* or procedur*)):ti or (aortic near/3 (replacement or surgery or surgical* or procedur*)):ab
12. (carotid near/3 endarterectomy):ti or (carotid near/3 endarterectomy):ab
13. (arterial or artery or arteries) near/3 (bypass or surgery or surgical or angioplasty or embolectomy):ti or (arterial or artery or arteries) near/3 (bypass or surgery or surgical or angioplasty or embolectomy):ab
14. MeSH descriptor: [Coronary Artery Bypass] this term only
15. ((urinary or urologic* or genitourinary or bladder or prostate) near/3 (surgery or surgical* or procedur*)):ti or ((urinary or urologic* or genitourinary or bladder or prostate) near/3 (surgery or surgical* or procedur*)):ab
16. (urethrotomy or prostatectomy):ti or (urethrotomy or prostatectomy):ab
17. MeSH descriptor: [Urologic Surgical Procedures] explode all trees

18. (meningioma* near/3 (surgery or surgical* or procedur*)):ti or (meningioma* near/3 (surgery or surgical* or procedur*)):ab
19. craniotomy:ti or craniotomy:ab
20. MeSH descriptor: [Craniotomy] this term only
21. ((lung or thoracic or thorax or cardiothoracic or pulmonary or chest or diaphragm) near/3 (surgery or surgical* or resection* or procedur*)):ti or ((lung or thoracic or thorax or cardiothoracic or pulmonary or chest or diaphragm) near/3 (surgery or surgical* or resection* or procedur*)):ab
22. (thoracotomy or pneumonectomy):ti or (thoracotomy or pneumonectomy):ab
23. MeSH descriptor: [Thoracic Surgery] this term only
24. ("bile duct" near/3 (resection* or surgery or surgical* or procedur*)):ti or ("bile duct" near/3 (resection* or surgery or surgical* or procedur*)):ab
25. ((pancreas or pancreatic) near/3 (surgery or surgical* or resection* or procedur*)):ti or ((pancreas or pancreatic) near/3 (surgery or surgical* or resection* or procedur*)):ab
26. (pancreatectomy or pancreaticoduodenectomy):ti or (pancreatectomy or pancreaticoduodenectomy):ab
27. MeSH descriptor: [Pancreatectomy] this term only
28. "endovascular aortic aneurysm repair*":ti or "endovascular aortic aneurysm repair*":ab
29. "endovascular abdominal aneurysm repair*":ti or "endovascular abdominal aneurysm repair*":ab
30. ((hip or knee or "lower limb*") near/3 (replacement* or restructur* or arthroplasty or hemiarthroplasty or surgery or surgical* or procedur*)):ti or ((hip or knee or "lower limb*") near/3 (replacement* or restructur* or arthroplasty or hemiarthroplasty or surgery or surgical* or procedur*)):ab
31. MeSH descriptor: [Arthroplasty, Replacement, Hip] this term only
32. MeSH descriptor: [Arthroplasty, Replacement, Knee] this term only
33. {or #8-#32}
34. #7 or #33
35. ("enhanced recovery after" near/3 surgery):ti or ("enhanced recovery after" near/3 surgery):ab
36. ERAS:ti or ERAS:ab
37. ((enhanced or early or earlier) near/3 (recovery or mobili?ation or ambulation or rehab*)):ti or ((enhanced or early or earlier) near/3 (recovery or mobili?ation or ambulation or rehab*)):ab
38. ERP:ti or ERP:ab
39. ("proactive care" near/2 "older people"):ti or ("proactive care" near/2 "older people"):ab
40. POPS:ti or POPS:ab
41. ("fast track" near/3 (surgery or surgical* or program* or management or "patient care")):ti or ("fast track" near/3 (surgery or surgical* or program* or management or "patient care")):ab

42. (multimodal near/3 (rehab* or perioperative or postoperative or "post operative" or optimi?ation or care or convalesc*)):ti or (multimodal near/3 (rehab* or perioperative or postoperative or "post operative" or optimi?ation or care or convalesc*)):ab
43. (optimal near/2 ("preoperative assessment" or "preoperative management")):ti or (optimal near/2 ("preoperative assessment" or "preoperative management")):ab
44. ((accelerated or optimi?ed or "fast track") near/3 (care or rehab* or recovery or mobili?ation or ambulation or convalesc*)):ti or ((accelerated or optimi?ed or "fast track") near/3 (care or rehab* or recovery or mobili?ation or ambulation or convalesc*)):ab
45. ((improved or improving) near/2 recovery):ti or ((improved or improving) near/2 recovery):ab
46. "comprehensive geriatric assessment*":ti or "comprehensive geriatric assessment*":ab
47. ("short acting anaesthetic*" or "short acting anesthetic*"):ti or ("short acting anaesthetic*" or "short acting anesthetic*"):ab
48. ((integrated or managed) near/1 "care pathway*"):ti or ((integrated or managed) near/1 "care pathway*"):ab
49. ((multidisciplinary or "multi disciplinary") near/1 assessment*):ti or ((multidisciplinary or "multi disciplinary") near/1 assessment*):ab
50. ((physiotherap* or exercise*) near/3 (augment* or increas* or "higher frequency")):ti or ((physiotherap* or exercise*) near/3 (augment* or increas* or "higher frequency")):ab
51. ("pressure ulcer*" near/3 "risk assessment"):ti or ("pressure ulcer*" near/3 "risk assessment"):ab
52. ((nutrition* or feed* or eat*) near/3 support*):ti or ((nutrition* or feed* or eat*) near/3 support*):ab
53. MeSH descriptor: [Nutritional Support] this term only
54. "supported discharge":ti or "supported discharge":ab
55. {or #35-#54 }
56. ((length or duration) near/4 stay near/8 (reduce* or reduction* or reducing or shorter or shortening or "positive effect*" or prolong* or increas* or decreas* or improve* or improving or "patient outcome*" or "clinical outcome*" or "clinical indicator*" or "outcome measure*")):ti or ((length or duration) near/4 stay near/8 (reduce* or reduction* or reducing or shorter or shortening or "positive effect*" or prolong* or increas* or decreas* or improve* or improving or "patient outcome*" or "clinical outcome*" or "clinical indicator*" or "outcome measure*")):ab
57. (hospital* near/3 stay near/8 (reduce* or reduction* or reducing or shorter or shortening or "positive effect" or prolong* or increas* or decreas* or improve or improving or "patient outcome*" or "clinical outcome*" or "clinical indicator*" or "outcome measure*")):ti or (hospital* near/3 stay near/8 (reduce* or reduction* or reducing or shorter or shortening or

"positive effect" or prolong* or increas* or decreas* or improve or improving or "patient outcome*" or "clinical outcome*" or "clinical indicator*" or "outcome measure*")):ab

58. (time near/3 discharg*):ti or (time near/3 discharg*):ab

59. [mh "Length of Stay" [mj]]

60. {or #56-#59}

61. #34 and #60

62. #34 and #55

63. #63 or #64 in Trials

Database: CINAHL

Host: EBSCO

Data Parameters: n/a

Date Searched: 12/9/2017

Searcher: SB

Hits: 1422

Strategy:

1. TI (older or frail or elderly) N1 (person* or people or patient* or population* or adult*) OR AB (older or frail or elderly) N1 (person* or people or patient* or population* or adult*)
2. TI geriatric* OR AB geriatric*
3. (MM "Aged+")
4. (MM "Geriatrics")
5. S1 OR S2 OR S3 OR S4
6. TI (eye* or sclera or iris or retina or cataract or ophthalmol*) N2 (surgery or surgical* or procedur*) OR AB (eye* or sclera or iris or retina or cataract or ophthalmol*) N2 (surgery or surgical* or procedur*)
7. (MM "Surgery, Eye+")
8. TI (heart or cardiac or coronary) N2 (surgery or surgical* or procedur* or transplant* or angiography or angioplasty or bypass) OR AB (heart or cardiac or coronary) N2 (surgery or surgical* or procedur* or transplant* or angiography or angioplasty or bypass)
9. TI (aortic N2 (replacement or surgery or surgical* or procedur*)) OR AB (aortic N2 (replacement or surgery or surgical* or procedur*))
10. TI (carotid N2 endarterectomy) OR AB (carotid N2 endarterectomy)

11. TI (arterial or artery or arteries) N2 (bypass or surgery or surgical* or angioplasty or embolectomy) OR AB (arterial or artery or arteries) N2 (bypass or surgery or surgical* or angioplasty or embolectomy)
12. (MM "Coronary Artery Bypass")
13. TI (urinary or urologic* or genitourinary or bladder or prostate) N2 (surgery or surgical* or procedur*) OR AB (urinary or urologic* or genitourinary or bladder or prostate) N2 (surgery or surgical* or procedur*)
14. TI (urethrotomy or prostatectomy) OR AB (urethrotomy or prostatectomy)
15. (MM "Surgery, Urologic+")
16. TI (meningioma* N2 (surgery or surgical* or procedur*)) OR AB (meningioma* N2 (surgery or surgical* or procedur*))
17. TI craniotomy OR AB craniotomy
18. (MM "Craniotomy")
19. TI ((lung or thoracic or thorax or cardiothoracic or pulmonary or chest or diaphragm) N2 (surgery or surgical* or resection* or procedur*)) OR AB ((lung or thoracic or thorax or cardiothoracic or pulmonary or chest or diaphragm) N2 (surgery or surgical* or resection* or procedur*))
20. TI ((thoracotomy or pneumonectomy)) OR AB ((thoracotomy or pneumonectomy))
21. (MM "Thoracic Surgery")
22. TI ("bile duct" N2 (resection* or surgery or surgical* or procedur*)) OR AB ("bile duct" N2 (resection* or surgery or surgical* or procedur*))
23. TI ((pancreas or pancreatic) N2 (surgery or surgical* or resection* or procedur*)) OR AB ((pancreas or pancreatic) N2 (surgery or surgical* or resection* or procedur*))
24. TI (pancreatectomy or pancreaticoduodenectomy) OR AB (pancreatectomy or pancreaticoduodenectomy)
25. (MM "Pancreatectomy")
26. TI "endovascular aortic aneurysm repair*" OR AB "endovascular aortic aneurysm repair*"
27. TI "endovascular abdominal aneurysm repair*" OR AB "endovascular abdominal aneurysm repair*"
28. TI ((hip or knee or "lower limb*") N2 (replacement* or restructur* or arthroplasty or hemiarthroplasty or surgery or surgical* or procedur*)) OR AB ((hip or knee or "lower limb*") N2 (replacement* or restructur* or arthroplasty or hemiarthroplasty or surgery or surgical* or procedur*))
29. (MM "Arthroplasty, Replacement, Hip")
30. (MM "Arthroplasty, Replacement, Knee")

31. S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S30
32. S5 OR S31
33. TI ("enhanced recovery after" N2 surgery) OR AB ("enhanced recovery after" N2 surgery)
34. TI ERAS OR AB ERAS
35. TI ((enhanced or early or earlier) N2 (recovery or mobili?ation or ambulation or rehab*)) OR AB ((enhanced or early or earlier) N2 (recovery or mobili?ation or ambulation or rehab*))
36. TI ERP OR AB ERP
37. TI ("proactive care" N1 "older people") OR AB ("proactive care" N1 "older people")
38. TI POPS OR AB POPS
39. TI ("fast track" N2 (surgery or surgical* or program* or management or "patient care")) OR AB ("fast track" N2 (surgery or surgical* or program* or management or "patient care"))
40. TI (multimodal N2 (rehab* or perioperative or postoperative or "post operative" or optimi?ation or care or convalesc*)) OR AB (multimodal N2 (rehab* or perioperative or postoperative or "post operative" or optimi?ation or care or convalesc*))
41. TI (optimal N1 ("preoperative assessment" or "preoperative management")) OR AB (optimal N1 ("preoperative assessment" or "preoperative management"))
42. TI ((accelerated or optimi?ed or rapid or "fast track") N2 (care or rehab* or recovery or mobili?ation or ambulation or convalesc*)) OR AB ((accelerated or optimi?ed or rapid or "fast track") N2 (care or rehab* or recovery or mobili?ation or ambulation or convalesc*))
43. TI ((improved or improving) N1 recovery) OR AB ((improved or improving) N1 recovery)
44. TI "comprehensive geriatric assessment*" OR AB "comprehensive geriatric assessment*"
45. TI "short acting an?esthetic*" OR AB "short acting an?esthetic*"
46. TI ((integrated or managed) N0 "care pathway*") OR AB ((integrated or managed) N0 "care pathway*")
47. TI ((multidisciplinary or "multi disciplinary") N0 assessment*) OR AB ((multidisciplinary or "multi disciplinary") N0 assessment*)
48. TI ((physiotherap* or exercise*) N2 (augment* or increas* or "higher frequency")) OR AB ((physiotherap* or exercise*) N2 (augment* or increas* or "higher frequency"))
49. TI ("pressure ulcer*" N2 "risk assessment") OR AB ("pressure ulcer*" N2 "risk assessment")
50. TI ((nutrition* or feed* or eat*) N2 support*) OR AB ((nutrition* or feed* or eat*) N2 support*)
51. (MM "Nutritional Support")
52. TI "supported discharge" OR AB "supported discharge"
53. S33 OR S34 OR S35 OR S36 OR S37 OR S38 OR S39 OR S40 OR S41 OR S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48 OR S49 OR S50 OR S51 OR S52

54. TI ((length or duration) N3 stay N7 (reduce* or reduction* or reducing or shorter or shortening or "positive effect*" or prolong* or increas* or decreas* or improve* or improving or "patient outcome*" or "clinical outcome*" or "clinical indicator*" or "outcome measure*")) OR AB ((length or duration) N3 stay N7 (reduce* or reduction* or reducing or shorter or shortening or "positive effect*" or prolong* or increas* or decreas* or improve* or improving or "patient outcome*" or "clinical outcome*" or "clinical indicator*" or "outcome measure*"))
55. TI (hospital* N2 stay N7 (reduce* or reduction* or reducing or shorter or shortening or "positive effect" or prolong* or increas* or decreas* or improve or improving or "patient outcome*" or "clinical outcome*" or "clinical indicator*" or "outcome measure*")) OR AB (hospital* N2 stay N7 (reduce* or reduction* or reducing or shorter or shortening or "positive effect" or prolong* or increas* or decreas* or improve or improving or "patient outcome*" or "clinical outcome*" or "clinical indicator*" or "outcome measure*"))
56. TI (time N2 discharg*) OR AB (time N2 discharg*)
57. (MM "Length of Stay")
58. S54 OR S55 OR S56 OR S57
59. S53 OR S58
60. TI randomi?ed OR AB randomi?ed
61. TI rct* OR AB rct*
62. TI trial* OR AB trial*
63. TI ((single or doubl* or tripl* or treb*) and (blind* or mask*)) OR AB ((single or doubl* or tripl* or treb*) and (blind* or mask*))
64. TI ("4 arm" or "four arm") OR AB ("4 arm" or "four arm")
65. TI ((before N3 after) or "BA stud*" or "CBA stud*") OR AB ((before N3 after) or "BA stud*" or "CBA stud*")
66. TI ("pre post" or "pre test*" or pretest* or posttest* or "post test*" or (pre N2 post)) OR AB ("pre post" or "pre test*" or pretest* or posttest* or "post test*" or (pre N2 post))
67. TI (interrupt* N1 "time series") OR AB (interrupt* N1 "time series")
68. TI ("time points" N2 (over or multiple or three or four or five or six or seven or eight or nine or ten or eleven or twelve or month* or hour* or day* or "more than")) OR AB ("time points" N2 (over or multiple or three or four or five or six or seven or eight or nine or ten or eleven or twelve or month* or hour* or day* or "more than"))
69. TI (("quasi experiment*" or quasiexperiment* or "quasi random*" or quasirandom* or "quasi control*" or quasicontrol*) N2 (method* or stud* or design*)) OR AB (("quasi experiment*" or quasiexperiment* or "quasi random*" or quasirandom* or "quasi control*" or quasicontrol*) N2 (method* or stud* or design*))
70. PT randomized controlled trial

71. S60 OR S61 OR S62 OR S63 OR S64 OR S65 OR S66 OR S67 OR S68 OR S69 OR S70

72. S32 AND S59 AND S71

Database: AMED

Host: EBSCO

Data Parameters: n/a

Date Searched: 12/9/2017

Searcher: SB

Hits: 176

Strategy:

1. TI (older or frail or elderly) N1 (person* or people or patient* or population* or adult*) OR AB (older or frail or elderly) N1 (person* or people or patient* or population* or adult*)
2. TI geriatric* OR AB geriatric*
3. (SU "AGED")
4. (SU "GERIATRICS")
5. S1 OR S2 OR S3 OR S4
6. TI (eye* or sclera or iris or retina or cataract or ophthalmol*) N2 (surgery or surgical* or procedur*) OR AB (eye* or sclera or iris or retina or cataract or ophthalmol*) N2 (surgery or surgical* or procedur*)
7. (SU "EYE SURGERY")
8. TI (heart or cardiac or coronary) N2 (surgery or surgical* or procedur* or transplant* or angiography or angioplasty or bypass) OR AB (heart or cardiac or coronary) N2 (surgery or surgical* or procedur* or transplant* or angiography or angioplasty or bypass)
9. TI (aortic N2 (replacement or surgery or surgical* or procedur*)) OR AB (aortic N2 (replacement or surgery or surgical* or procedur*))
10. TI (carotid N2 endarterectomy) OR AB (carotid N2 endarterectomy)
11. TI (arterial or artery or arteries) N2 (bypass or surgery or surgical* or angioplasty or embolectomy) OR AB (arterial or artery or arteries) N2 (bypass or surgery or surgical* or angioplasty or embolectomy)
12. (SU "CORONARY ARTERY BYPASS")
13. TI (urinary or urologic* or genitourinary or bladder or prostate) N2 (surgery or surgical* or procedur*) OR AB (urinary or urologic* or genitourinary or bladder or prostate) N2 (surgery or surgical* or procedur*)
14. TI (urethrotomy or prostatectomy) OR AB (urethrotomy or prostatectomy)
15. (SU "UROLOGIC SURGERY")

16. TI (meningioma* N2 (surgery or surgical* or procedur*)) OR AB (meningioma* N2 (surgery or surgical* or procedur*))
17. TI craniotomy OR AB craniotomy
18. (SU "CRANIOTOMY")
19. TI ((lung or thoracic or thorax or cardiothoracic or pulmonary or chest or diaphragm) N2 (surgery or surgical* or resection* or procedur*)) OR AB ((lung or thoracic or thorax or cardiothoracic or pulmonary or chest or diaphragm) N2 (surgery or surgical* or resection* or procedur*))
20. TI ((thoracotomy or pneumonectomy)) OR AB ((thoracotomy or pneumonectomy))
21. (SU "THORACIC SURGERY")
22. TI ("bile duct" N2 (resection* or surgery or surgical* or procedur*)) OR AB ("bile duct" N2 (resection* or surgery or surgical* or procedur*))
23. TI ((pancreas or pancreatic) N2 (surgery or surgical* or resection* or procedur*)) OR AB ((pancreas or pancreatic) N2 (surgery or surgical* or resection* or procedur*))
24. TI (pancreatectomy or pancreaticoduodenectomy) OR AB (pancreatectomy or pancreaticoduodenectomy)
25. (SU "PANCREATECTOMY")
26. TI "endovascular aortic aneurysm repair*" OR AB "endovascular aortic aneurysm repair*"
27. TI "endovascular abdominal aneurysm repair*" OR AB "endovascular abdominal aneurysm repair*"
28. TI ((hip or knee or "lower limb*") N2 (replacement* or restructur* or arthroplasty or hemiarthroplasty or surgery or surgical* or procedur*)) OR AB ((hip or knee or "lower limb*") N2 (replacement* or restructur* or arthroplasty or hemiarthroplasty or surgery or surgical* or procedur*))
29. (SU "HIP ARTHROPLASTY")
30. (SU "KNEE ARTHROPLASTY")
31. S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S30
32. S5 OR S31
33. TI ("enhanced recovery after" N2 surgery) OR AB ("enhanced recovery after" N2 surgery)
34. TI ERAS OR AB ERAS
35. TI ((enhanced or early or earlier) N2 (recovery or mobili?ation or ambulation or rehab*)) OR AB ((enhanced or early or earlier) N2 (recovery or mobili?ation or ambulation or rehab*))
36. TI ERP OR AB ERP
37. TI ("proactive care" N1 "older people") OR AB ("proactive care" N1 "older people")
38. TI POPS OR AB POPS

39. TI ("fast track" N2 (surgery or surgical* or program* or management or "patient care")) OR AB ("fast track" N2 (surgery or surgical* or program* or management or "patient care"))
40. TI (multimodal N2 (rehab* or perioperative or postoperative or "post operative" or optimi?ation or care or convalesc*)) OR AB (multimodal N2 (rehab* or perioperative or postoperative or "post operative" or optimi?ation or care or convalesc*))
41. TI (optimal N1 ("preoperative assessment" or "preoperative management")) OR AB (optimal N1 ("preoperative assessment" or "preoperative management"))
42. TI ((accelerated or optimi?ed or rapid or "fast track") N2 (care or rehab* or recovery or mobili?ation or ambulation or convalesc*)) OR AB ((accelerated or optimi?ed or rapid or "fast track") N2 (care or rehab* or recovery or mobili?ation or ambulation or convalesc*))
43. TI ((improved or improving) N1 recovery) OR AB ((improved or improving) N1 recovery)
44. TI "comprehensive geriatric assessment*" OR AB "comprehensive geriatric assessment*"
45. TI "short acting an?esthetic*" OR AB "short acting an?esthetic*"
46. TI ((integrated or managed) N0 "care pathway*") OR AB ((integrated or managed) N0 "care pathway*")
47. TI ((multidisciplinary or "multi disciplinary") N0 assessment*) OR AB ((multidisciplinary or "multi disciplinary") N0 assessment*)
48. TI ((physiotherap* or exercise*) N2 (augment* or increas* or "higher frequency")) OR AB ((physiotherap* or exercise*) N2 (augment* or increas* or "higher frequency"))
49. TI ("pressure ulcer*" N2 "risk assessment") OR AB ("pressure ulcer*" N2 "risk assessment")
50. TI ((nutrition* or feed* or eat*) N2 support*) OR AB ((nutrition* or feed* or eat*) N2 support*)
51. (SU "Nutritional Support")
52. TI "supported discharge" OR AB "supported discharge"
53. S33 OR S34 OR S35 OR S36 OR S37 OR S38 OR S39 OR S40 OR S41 OR S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48 OR S49 OR S50 OR S51 OR S52
54. TI ((length or duration) N3 stay N7 (reduce* or reduction* or reducing or shorter or shortening or "positive effect*" or prolong* or increas* or decreas* or improve* or improving or "patient outcome*" or "clinical outcome*" or "clinical indicator*" or "outcome measure*")) OR AB ((length or duration) N3 stay N7 (reduce* or reduction* or reducing or shorter or shortening or "positive effect*" or prolong* or increas* or decreas* or improve* or improving or "patient outcome*" or "clinical outcome*" or "clinical indicator*" or "outcome measure*"))
55. TI (hospital* N2 stay N7 (reduce* or reduction* or reducing or shorter or shortening or "positive effect" or prolong* or increas* or decreas* or improve or improving or "patient outcome*" or "clinical outcome*" or "clinical indicator*" or "outcome measure*")) OR AB (hospital* N2 stay N7 (reduce* or reduction* or reducing or shorter or shortening or "positive

- effect" or prolong* or increas* or decreas* or improve or improving or "patient outcome*" or "clinical outcome*" or "clinical indicator*" or "outcome measure*"))
56. TI (time N2 discharg*) OR AB (time N2 discharg*)
 57. (SU "Length of Stay")
 58. S54 OR S55 OR S56 OR S57
 59. S53 OR S58
 60. TI randomi?ed OR AB randomi?ed
 61. TI rct* OR AB rct*
 62. TI trial* OR AB trial*
 63. TI ((single or doubl* or tripl* or treb*) and (blind* or mask*)) OR AB ((single or doubl* or tripl* or treb*) and (blind* or mask*))
 64. TI ("4 arm" or "four arm") OR AB ("4 arm" or "four arm")
 65. TI ((before N3 after) or "BA stud*" or "CBA stud*") OR AB ((before N3 after) or "BA stud*" or "CBA stud*")
 66. TI ("pre post" or "pre test*" or pretest* or posttest* or "post test*" or (pre N2 post)) OR AB ("pre post" or "pre test*" or pretest* or posttest* or "post test*" or (pre N2 post))
 67. TI (interrupt* N1 "time series") OR AB (interrupt* N1 "time series")
 68. TI ("time points" N2 (over or multiple or three or four or five or six or seven or eight or nine or ten or eleven or twelve or month* or hour* or day* or "more than")) OR AB ("time points" N2 (over or multiple or three or four or five or six or seven or eight or nine or ten or eleven or twelve or month* or hour* or day* or "more than"))
 69. TI (("quasi experiment*" or quasiexperiment* or "quasi random*" or quasirandom* or "quasi control*" or quasicontrol*) N2 (method* or stud* or design*)) OR AB (("quasi experiment*" or quasiexperiment* or "quasi random*" or quasirandom* or "quasi control*" or quasicontrol*) N2 (method* or stud* or design*))
 70. S60 OR S61 OR S62 OR S63 OR S64 OR S65 OR S66 OR S67 OR S68 OR S69
 71. S32 AND S59 AND S70