Appendix 7 – Search Strategies (main sepsis review)

Ovid MEDLINE(R) <1946 to May 14, 2019>

1 exp Sepsis/ (116160)

2 exp Shock, Septic/ (21455)

3 exp Bacteremia/ (27691)

4 (bacteremia$ or blood poisoning$ or py?emia$ or pyohemia$ or sepsis or sept#c?emia$ or (septic adj shock) or (endotoxic adj shock) or (toxic adj shock)).mp. (153927)

5 or/1-4 (178724)

6 exp Critical Care/ (54180)

7 exp Intesive Care units/ (0)

8 exp Trauma Centers/ (9714)

9 exp Critical Illness/ (25706)

10 (ICU or PICU or MICU or CICU or CVICU or CCU or NICU or SICU or POCCU or ITU or HDU).ti,ab. (53757)

11 or/6-10 (121579)

12 5 or 11 (287207)

13 animals/ not (animals/ and humans/) (4547038)

14 12 not 13 (257340)

15 limit 14 to yr=1990-2020 (218117)

16 exp Patient care planning/ (61272)

17 (end of life or (care adj goal$) or care plan$).mp. (64049)

18 16 or 17 (83743)

19 15 and 18 (3454)

20 Patient discharge/ (26932)

21 Patient handoff/ (989)

22 exp Decision Making/ (187631)

23 Patient Advocacy/ (23435)

24 exp consumer participation/ (39863)

25 20 or 21 or 22 or 23 or 24 (267442)

26 15 and 25 (5489)

27 exp peer group/ (19322)

28 exp Self-Help Groups/ (9886)

29 exp social support/ (66852)

30 (peer and (help or support)).tw. (11189)

31 27 or 28 or 29 or 30 (98018)

32 15 and 31 (970)

33 \*Sepsis/rh (10)

34 \*Shock, Septic/rh (1)

35 \*Critical Illness/rh (301)

36 (exp Patient care planning/ or Patient discharge/) and Rehabilitation.fs. (5506)

37 (recovery adj2 (plan or program or team or referral)).mp. (709)

38 33 or 34 or 35 or 36 or 37 (6451)

39 15 and 38 (420)

40 exp Patient Education as Topic/ (82138)

41 Patient education handout/ (4890)

42 ((patient or consumer) adj2 (education or handout)).tw. (16178)

43 40 or 41 or 42 (94922)

44 15 and 43 (735)

45 exp Cognitive Behavioral Therapy/ (25626)

46 ((cognitive or cognition) adj2 (psychotherapy$ or therap$)).tw. (15497)

47 45 or 46 (30102)

48 15 and 47 (68)

49 \*Aftercare/ (3568)

50 \*Patient Discharge/ (12368)

51 \*"Referral and Consultation"/ (24572)

52 (Aftercare or "follow-up service").tw. (2693)

53 49 or 50 or 51 or 52 (41856)

54 15 and 53 (1161)

55 exp \*Health Status/ (153584)

56 \*Nutrition Assessment/ (6979)

57 exp Homeless persons/ (8268)

58 exp Housing/ (31251)

59 exp Socioeconomic factors/ (426138)

60 exp Sociological factors/ (622041)

61 55 or 56 or 57 or 58 or 59 or 60 (915836)

62 exp Patient Admission/ (22977)

63 Risk Assessment/ (241593)

64 62 or 63 (263484)

65 61 and 64 (19830)

66 15 and 65 (364)

67 19 or 26 or 32 or 39 or 44 or 48 or 54 or 66 (10340)

**EMBASE <1980 to 2019 May 14/week 19>**

1 exp systemic inflammatory response syndrome/ (241733)

2 (bacteremia$ or blood poisoning$ or py?emia$ or pyohemia$ or sepsis or sept#c?emia$ or (septic adj shock) or (endotoxic adj shock) or (toxic adj shock)).tw. (193927)

3 exp intensive care/ (631678)

4 critical illness/ (27267)

5 exp emergency health service/ (89483)

6 (ICU or PICU or MICU or CICU or CVICU or CCU or NICU or SICU or POCCU or ITU or HDU).ti,ab. (130518)

7 1 or 2 or 3 or 4 or 5 or 6 (1021750)

8 limit 7 to yr="1990-2020" (957562)

9 animals/ not (Animals/ and humans/) (847222)

10 8 not 9 (952278)

11 patient care planning/ (25075)

12 ((end adj1 life) or (care adj goal$)).mp. or (care plan$ or EOLCP).tw. (20058)

13 11 or 12 (43336)

14 10 and 13 (3440)

15 \*hospital discharge/ (11480)

16 exp clinical handover/ (5080)

17 shared decision making/ (4400)

18 exp \*decision making/ (72637)

19 15 or 16 or 17 (20795)

20 10 and 19 (2452)

21 exp peer group/ (21161)

22 social support/ (83997)

23 (peer and (help or support)).tw. (18469)

24 21 or 22 or 23 (114040)

25 10 and 24 (3521)

26 exp sepsis/rh (23)

27 exp septic shock/rh (4)

28 exp bacteremia/rh (3)

29 exp critical illness/rh (197)

30 (exp Patient care planning/ or Patient discharge/) and Rehabilitation.fs. (4340)

31 (recovery adj2 (plan or program or team or referral)).mp. (1396)

32 30 or 31 (5731)

33 10 and 32 (405)

34 26 or 27 or 28 or 29 or 33 (590)

35 patient education/ (106147)

36 ((patient or consumer) adj2 (education or handout)).tw. (27510)

37 35 or 36 (114663)

38 10 and 37 (7809)

39 exp cognitive behavioral therapy/ (8717)

40 ((cognitive or cognition) adj2 (psychotherapy$ or therap$)).tw. (27709)

41 10 and (39 or 40) (796)

42 exp \*aftercare/ (38851)

43 \*hospital discharge/ (11480)

44 \*patient referral/ (15654)

45 (Aftercare or "follow-up service").tw. (3962)

46 42 or 43 or 44 or 45 (68584)

47 10 and 46 (4637)

48 exp \*health status/ (61387)

49 \*nutritional assessment/ (6461)

50 exp homeless person/ (1393)

51 \*homelessness/ (5465)

52 housing/ (20763)

53 exp socioeconomics/ (340568)

54 exp \*"social aspects and related phenomena"/ (818578)

55 48 or 49 or 50 or 51 or 52 or 53 or 54 (1127661)

56 exp hospital admission/ (176909)

57 risk assessment/ (506317)

58 56 or 57 (674334)

59 10 and 55 and 58 (3121)

60 14 or 20 or 25 or 34 or 38 or 41 or 47 or 59 (23563)

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**PsycINFO <1806 to May Week 1 2019>**

1 (bacteremia$ or blood poisoning$ or py?emia$ or pyohemia$ or sepsis or sept#c?emia$ or (septic adj shock) or (endotoxic adj shock) or (toxic adj shock)).mp. (1154)

2 (ICU or PICU or MICU or CICU or CVICU or CCU or NICU or SICU or POCCU or ITU or HDU).ti,ab. (3743)

3 ((intensive$ or critical$ or neurointensive$ or neurocritical$) adj3 (care or therap$ or treatment$)).ti,ab. (15577)

4 ((critical$ or serious$ or severe$) adj2 (ill$ or injur$ or wound$)).ti,ab. (20903)

5 1 or 2 or 3 or 4 (36876)

6 limit 5 to yr="1990 - 2020" (33764)

7 exp hospital discharge/ (3111)

8 patient handoff.mp. (29)

9 exp decision making/ (99195)

10 client participation/ (1954)

11 exp Choice Behavior/ (26710)

12 7 or 8 or 9 or 10 or 11 (103850)

13 6 and 12 (1218)

14 exp peers/ (11535)

15 exp support groups/ (5807)

16 exp group counseling/ (4977)

17 exp social support/ (34209)

18 (peer and (help or support)).tw. (17201)

19 14 or 15 or 16 or 17 or 18 (67980)

20 6 and 19 (879)

21 client education/ (3757)

22 ((patient or consumer) adj2 (education or handout)).tw. (4237)

23 21 or 22 (6494)

24 6 and 23 (134)

25 exp cognitive behavior therapy/ (19278)

26 ((cognitive or cognition) adj2 (psychotherapy$ or therap$)).tw. (32227)

27 25 or 26 (37198)

28 6 and 27 (776)

29 aftercare/ (1062)

30 discharge planning/ (394)

31 posttreatment followup/ (1226)

32 (Aftercare or "follow-up service").tw. (2554)

33 29 or 30 or 31 or 32 (4277)

34 6 and 33 (169)

**CINAHL (21 May 2019) via EBSCO**

|  |  |  |  |
| --- | --- | --- | --- |
| #  | Query  | Limiters/Expanders  | Results  |
| S51  | S31 OR S40 OR S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48 OR S50  | Search modes - Boolean/Phrase  | 218  |
| S50  | S49 not S30  | Search modes - Boolean/Phrase  | 28  |
| S49  | S29 AND S38  | Search modes - Boolean/Phrase  | 28  |
| S48  | S47 not S28  | Search modes - Boolean/Phrase  | 15  |
| S47  | S27 AND S38  | Search modes - Boolean/Phrase  | 15  |
| S46  | S25 AND S38  | Search modes - Boolean/Phrase  | 3  |
| S45  | S23 AND S38  | Search modes - Boolean/Phrase  | 0  |
| S44  | S21 AND S38  | Search modes - Boolean/Phrase  | 4  |
| S43  | S15 AND S38  | Search modes - Boolean/Phrase  | 2  |
| S42  | S41 not S14  | Search modes - Boolean/Phrase  | 108  |
| S41  | S13 AND S38  | Search modes - Boolean/Phrase  | 111  |
| S40  | S39 NOT S12  | Search modes - Boolean/Phrase  | 60  |
| S39  | S11 AND S38  | Search modes - Boolean/Phrase  | 60  |
| S38  | S32 OR S33 OR S34 OR S35 OR S36  | Limiters - Exclude MEDLINE records Search modes - Boolean/Phrase  | 4,298  |
| S37  | S32 OR S33 OR S34 OR S35 OR S36  | Search modes - Boolean/Phrase  | 90,526  |
| S36  | (ICU or PICU or MICU or CICU or CVICU or CCU or NICU or SICU or POCCU or ITU or HDU  | Search modes - Boolean/Phrase  | 33,211  |
| S35  | (MH "Critical Illness")  | Search modes - Boolean/Phrase  | 10,267  |
| S34  | (MH "Trauma Centers")  | Search modes - Boolean/Phrase  | 5,593  |
| S33  | (MH "Intensive Care Units+")  | Search modes - Boolean/Phrase  | 51,005  |
| S32  | (MH "Critical Care+")  | Search modes - Boolean/Phrase  | 24,854  |
| S31  | S12 OR S14 OR S28 OR S30  | Search modes - Boolean/Phrase  | 16  |
| S30  | S6 AND S29  | Search modes - Boolean/Phrase  | 6  |
| S29  | (MH "Socioeconomic Factors"# OR #MH "Social Determinants of Health"#  | Search modes - Boolean/Phrase  | 77,782  |
| S28  | S6 AND S27  | Search modes - Boolean/Phrase  | 1  |
| S27  | (MH "After Care")  | Search modes - Boolean/Phrase  | 11,741  |
| S26  | S6 AND S25  | Search modes - Boolean/Phrase  | 0  |
| S25  | (MH "Cognitive Therapy+") OR (MH "Cognitive Therapy (Iowa NIC)+")  | Search modes - Boolean/Phrase  | 20,398  |
| S24  | S6 AND S23  | Search modes - Boolean/Phrase  | 0  |
| S23  | (MH "Patient Discharge Education")  | Search modes - Boolean/Phrase  | 1,902  |
| S22  | S6 AND S21  | Search modes - Boolean/Phrase  | 0  |
| S21  | S17 OR S20  | Search modes - Boolean/Phrase  | 914  |
| S20  | S18 AND S19  | Search modes - Boolean/Phrase  | 635  |
| S19  | plan  | Search modes - Boolean/Phrase  | 81,375  |
| S18  | (MH "Patient Discharge")  | Search modes - Boolean/Phrase  | 15,105  |
| S17  | "recovery program"  | Search modes - Boolean/Phrase  | 281  |
| S16  | S6 AND S15  | Search modes - Boolean/Phrase  | 0  |
| S15  | (MH "Peer Group") OR (MH "Support Groups")  | Search modes - Boolean/Phrase  | 20,094  |
| S14  | S6 AND S13  | Search modes - Boolean/Phrase  | 9  |
| S13  | (MH "Patient Discharge+") OR (MH "Transfer, Discharge") OR (MH "Patient Discharge Summaries") OR (MH "Discharge Planning+")  | Search modes - Boolean/Phrase  | 26,378  |
| S12  | S6 AND S11  | Search modes - Boolean/Phrase  | 1  |
| S11  | S7 OR S8 OR S9 OR S10  | Search modes - Boolean/Phrase  | 1,322  |
| S10  | "end of life"  | Limiters - Exclude MEDLINE records Search modes - Boolean/Phrase  | 916  |
| S9  | "care goal"  | Limiters - Exclude MEDLINE records Search modes - Boolean/Phrase  | 2  |
| S8  | "care plan"  | Limiters - Exclude MEDLINE records Search modes - Boolean/Phrase  | 128  |
| S7  | (MH "Patient Care Plans+")  | Limiters - Exclude MEDLINE records Search modes - Boolean/Phrase  | 306  |
| S6  | S1 OR S2 OR S3 OR S4  | Limiters - Exclude MEDLINE records Search modes - Boolean/Phrase  | 1,640  |
| S5  | S1 OR S2 OR S3 OR S4  | Search modes - Boolean/Phrase  | 22,853  |
| S4  | (MH "Shock, Septic")  | Search modes - Boolean/Phrase  | 4,251  |
| S3  | (MH "Fungemia")  | Search modes - Boolean/Phrase  | 371  |
| S2  | (MH "Bacteremia")  | Search modes - Boolean/Phrase  | 5,168  |
| S1  | (MH "Sepsis+")  | Search modes - Boolean/Phrase  | 22,853  |

**CENTRAL (*The Cochrane Library* Issue 4, 2019)**

Search Name: GUIDE sepsis Simon

Date Run: 21/05/2019 15:13:24

Comment: 21 May 2019

ID Search Hits

#1 MeSH descriptor: [Bacteremia] explode all trees 893

#2 MeSH descriptor: [Sepsis] explode all trees 4028

#3 MeSH descriptor: [Shock, Septic] explode all trees 784

#4 (bacteremia$ or blood poisoning$ or py?emia$ or pyohemia$ or sepsis or sept#c?emia$ or (septic adj shock) or (endotoxic adj shock) or (toxic adj shock)).tw. 9484

#5 MeSH descriptor: [Critical Care] explode all trees 1924

#6 MeSH descriptor: [Intensive Care Units] explode all trees 3288

#7 MeSH descriptor: [Trauma Centers] explode all trees 179

#8 MeSH descriptor: [Critical Illness] explode all trees 1859

#9 (ICU or PICU or MICU or CICU or CVICU or CCU or NICU or SICU or POCCU or ITU or HDU).ti,ab. 4403

#10 #1 or #2 or #3 or #4 13478

#11 #5 or #6 or #7 or #8 or #9 10442

#12 #10 or #11 20847

#13 MeSH descriptor: [Patient Care Planning] explode all trees 1515

#14 (care ADJ goal$) OR (end ADJ life) OR (care ADJ plan$) 1978

#15 #1 or #2 or #3 4028

#16 #13 or #14 3478

#17 #15 and #16 7

#18 #11 and #13 67

#19 #18 or #17 73

#20 #18 not #17 66

#21 MeSH descriptor: [Patient Care Planning] explode all trees 1515

#22 MeSH descriptor: [Patient Handoff] explode all trees 26

#23 MeSH descriptor: [Decision Making] explode all trees 3839

#24 MeSH descriptor: [Patient Advocacy] explode all trees 75

#25 MeSH descriptor: [Community Participation] explode all trees 1450

#26 ((patient$ or consumer$ or client$) adj3 (participat$ or involv$ or advoca$ or decide$ or decision$ or choice$)).tw. 9485

#27 MeSH descriptor: [Choice Behavior] explode all trees 1375

#28 (share$ adj decision adj mak$).ti,ab. 4403

#29 (decision adj analys$).tw. 9485

#30 (patient or client or subject or person or consumer).tw. AND (professional or physician or clinician or practitioner).tw. 9484

#31 (family or carer).mp. AND (professional or physician or clinician or practitioner).tw. 10817

#32 #21 or #22 or #23 5279

#33 #24 or #25 or #26 or #27 or #29 or #30 or #31 13580

#34 #23 and #33 1632

#35 #32 or #34 5279

#36 #10 and #35 78

#37 #11 and #35 141

#38 #37 or #36 197

#39 #37 not #36 119

#40 MeSH descriptor: [Peer Group] explode all trees 1264

#41 MeSH descriptor: [Self-Help Groups] explode all trees 739

#42 MeSH descriptor: [Social Support] explode all trees 3133

#43 (peer and (help or support)) 6788

#44 #40 or #41 or #42 or #43 10349

#45 (#1 OR #2 OR #3) and #44 25

#46 #11 and (#40 or #41) 17

#47 #46 or #45 42

#48 #46 not #45 17

#49 MeSH descriptor: [Rehabilitation] explode all trees 31841

#50 MeSH descriptor: [Patient Care Planning] explode all trees 1515

#51 MeSH descriptor: [Patient Discharge] explode all trees 1336

#52 #49 and (#50 or #51) 437

#53 (recovery adj2 (plan or program or team or referral)) 275

#54 #52 or #53 711

#55 #54 and #10 222

#56 #11 and #54 212

#57 #56 or #55 295

#58 #56 not #55 73

#59 MeSH descriptor: [Patient Education as Topic] explode all trees 8248

#60 MeSH descriptor: [Patient Education Handout] explode all trees 0

#61 (patient OR consumer) ADJ (education OR handout) 912

#62 #59 or #44 or #61 18437

#63 #62 and (#1 OR #2 OR #3) 29

#64 #11 and (#59 or #60) 124

#65 #64 or #63 153

#66 #64 not #63 124

#67 MeSH descriptor: [Cognitive Behavioral Therapy] explode all trees 7887

#68 (cognitive OR cognition) ADJ2 (psychotherapy$ OR therap$) 164

#69 #67 or #68 8027

#70 #69 and (#1 OR #2 OR #3) 1

#71 #11 and #67 90

#72 #71 or #70 90

#73 #71 not #70 89

#74 MeSH descriptor: [Aftercare] explode all trees 20469

#75 MeSH descriptor: [Patient Discharge] explode all trees 1336

#76 MeSH descriptor: [Referral and Consultation] explode all trees 2131

#77 Aftercare OR "follow-up service" 1205

#78 #74 or #75 or #76 or #77 24116

#79 #78 and (#1 OR #2 OR #3) 15

#80 #11 and (#74 or #75 or #76) 438

#81 #79 or #80 451

#82 #80 not #79 436

#83 MeSH descriptor: [Health Status] explode all trees 26637

#84 MeSH descriptor: [Nutrition Assessment] explode all trees 662

#85 MeSH descriptor: [Homeless Persons] explode all trees 326

#86 MeSH descriptor: [undefined] explode all trees 0

#87 MeSH descriptor: [Socioeconomic Factors] explode all trees 9197

#88 MeSH descriptor: [Sociological Factors] explode all trees 15967

#89 #83 or #84 or #85 or #86 or #87 or #88 43834

#90 MeSH descriptor: [Patient Admission] explode all trees 560

#91 MeSH descriptor: [Risk Assessment] explode all trees 8441

#92 #90 or #91 8977

#93 #89 and #92 and #10 6

#94 #11 and #89 and #92 17

#95 #93 or #94 23

#96 #94 not #93 17

#97 #19 or #38 or #47 or #57 or #65 or #72 or #81 or #95 1074

**Clinical Trials.gov**

Advanced search, no date limit applied

Condition or disease: ( sepsis OR septicemia OR bacteremia or septic OR "critical illness" OR "ICU" OR "critical care" OR "intensive care")

AND

Other terms: ("care goals" OR "care goal" OR "care plan" OR "care planning" OR "palliative care" OR "discharge" OR "handoff" OR "handover" OR “transfer” OR “decision making” OR “patient choice” OR “peer” OR “support” OR “self-help” OR “recovery” OR “rehabilitation” OR “education” OR “pamphlet” OR “leaflet” OR “handout” OR “cbt” OR “cognitive” OR “aftercare” OR “follow-up” OR “referral” OR “consultation” OR “economic” OR “screen” OR “housing” OR “poverty” OR “social” OR “homeless” )

981 studies

**WHO International Clinical Trials Registry Platform (ICTRP)**

Advanced search

Condition: "sepsis" OR "septicemia" OR "bacteremia" OR "septic shock" OR "critical illness" OR "ICU" OR "critical care" OR "intensive care" (without synonymsbox unchecked)

AND

Intervention: "care goals" OR "care goal" OR "care plan" OR "care planning" OR "palliative care" OR "discharge" OR "handoff" OR "handover" OR “transfer” OR “decision making” OR “patient choice” OR “peer” OR “support” OR “self-help” OR “recovery” OR “rehabilitation” OR “education” OR “pamphlet” OR “leaflet” OR “handout” OR “cbt” OR “cognitive” OR “aftercare” OR “follow-up” OR “referral” OR “consultation” OR “economic” OR “screen” OR “housing” OR “poverty” OR “social” OR “homeless” (without synonyms box unchecked)

AND

Recruitment status: “all”

Phases: “all”

970 studies