

Supplementary Table 1. Search strategy and identified records

(A) PubMed

No.	Search query	Items found
#1	"Adult"[Mesh]	7,852,594
#2	"Adult"[TW] OR "Adults"[TW] OR "adults"[TW] OR "grown-ups"[TW] OR "grownup"[TW] OR "grownups"[TW]	6,348,040
#3	"Middle Aged"[Mesh]	4,696,902
#4	"Middle Aged"[TW] OR "Middle Age"[TW]	4,715,764
#5	"Aged"[Mesh]	3,420,178
#6	"Aged"[TW] OR "Elderly"[TW] OR "senior citizen"[TW] OR "senium"[TW]	5,937,960
#7	"Aged, 80 and over"[Mesh]	1,009,580
#8	"Oldest Old"[TW] OR "Nonagenarians"[TW] OR "Nonagenarian"[TW] OR "Octogenarians"[TW] OR "Octogenarian"[TW] OR "Centenarians"[TW] OR "Centenarian"[TW] OR "very old"[TW]	14,084
#9	"Frail Elderly"[Mesh]	14,361
#10	"Frail Elderly"[TW] OR "Elderly, Frail"[TW] OR "Frail Elders"[TW] OR "Elder, Frail"[TW] OR "Elders, Frail"[TW] OR "Frail Elder"[TW] OR "Functionally-Impaired Elderly"[TW] OR "Elderly, Functionally-Impaired"[TW] OR "Functionally Impaired Elderly"[TW] OR "Frail Older Adults"[TW] OR "Adult, Frail Older"[TW] OR "Adults, Frail Older"[TW] OR "Frail Older Adult"[TW] OR "Older Adult, Frail"[TW] OR "Older Adults, Frail"[TW]	17,123
#11	"older age"[TW] OR "aging"[TW] OR "ageing"[TW] OR "older adult*"[TW] OR "older people"[TW] OR "older persons"[TW] OR "elder*"[TW] OR "geriatric*"[TW] OR "senior*"[TW] OR "pensioner*"[TW] OR "veteran*"[TW]	952,500
#12	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11	9,104,115
#13	"Sepsis"[Mesh]	137,943
#14	"Sepsis"[TW] OR "Bloodstream Infection"[TW] OR "Bloodstream Infections"[TW] OR "Infection, Bloodstream"[TW] OR "Pyemia"[TW] OR "Pyemias"[TW] OR "Pyohemia"[TW] OR "Pyohemias"[TW] OR "Pyemia"[TW] OR "Pyemias"[TW] OR "Septicemia"[TW] OR "Septicemias"[TW] OR "Blood Poisoning"[TW] OR "Blood Poisonings"[TW] OR "Poisonings, Blood"[TW] OR "Poisoning, Blood"[TW] OR "Severe Sepsis"[TW] OR "Sepsis, Severe"[TW] OR "abdominal sepsis"[TW] OR "focal sepsis"[TW] OR "intraabdominal sepsis"[TW] OR "sepsis syndrome"[TW] OR "septic disease"[TW] OR "severe sepsis"[TW]	167,025
#15	"Shock, Septic"[Mesh]	24,519
#16	"Shock, Septic"[TW] OR "Septic Shock"[TW] OR "Shock, Toxic"[TW] OR "Toxic Shock Syndrome"[TW] OR "Shock Syndrome, Toxic"[TW] OR "Toxic Shock Syndromes"[TW] OR "Toxic Shock"[TW] OR "Shock, Endotoxic"[TW] OR "Endotoxin Shock"[TW] OR "Endotoxin Shocks"[TW] OR "Shock, Endotoxin"[TW] OR "Shocks, Endotoxin"[TW] OR "sepsis-associated hypotension"[TW] OR "septicaemic shock"[TW] OR "septicemic shock"[TW] OR "septic"[TW]	77,438
#17	#13 OR #14 OR #15 OR #16	251,841
#18	#12 AND #17	101,554
#19	"Anti-Bacterial Agents"[Mesh]	431,967

Supplementary Table 1. Continued

(A) Continued

No.	Search query	Items found
#20	"Anti-Bacterial Agents"[TW] OR "Agents, Anti-Bacterial"[TW] OR "Anti Bacterial Agents"[TW] OR "Antibacterial Agents"[TW] OR "Agents, Antibacterial"[TW] OR "Antibacterial Agent"[TW] OR "Agent, Antibacterial"[TW] OR "Anti-Bacterial Compounds"[TW] OR "Anti Bacterial Compounds"[TW] OR "Compounds, Anti-Bacterial"[TW] OR "Anti-Bacterial Agent"[TW] OR "Agent, Anti-Bacterial"[TW] OR "Anti Bacterial Agent"[TW] OR "Anti-Bacterial Compound"[TW] OR "Anti Bacterial Compound"[TW] OR "Compound, Anti-Bacterial"[TW] OR "Bacteriocidal Agents"[TW] OR "Agents, Bacteriocidal"[TW] OR "Bacteriocidal Agent"[TW] OR "Agent, Bacteriocidal"[TW] OR "Bacteriocide"[TW] OR "Bacteriocides"[TW] OR "Anti-Mycobacterial Agents"[TW] OR "Agents, Anti-Mycobacterial"[TW] OR "Anti Mycobacterial Agents"[TW] OR "Anti-Mycobacterial Agent"[TW] OR "Agent, Anti-Mycobacterial"[TW] OR "Anti Mycobacterial Agent"[TW] OR "Antimycobacterial Agent"[TW] OR "Agent, Antimycobacterial"[TW] OR "Antimycobacterial Agents"[TW] OR "Agents, Antimycobacterial"[TW] OR "Antibiotics"[TW] OR "Antibiotic"[TW] OR "antiinfective agent"[TW] OR "anti infective agents"[TW] OR "anti infectives, otic"[TW] OR "anti-infective agents"[TW] OR "anti-infectives, otic"[TW] OR "antibacterial"[TW] OR "antibacterial drug"[TW] OR "antibacterial soap"[TW] OR "antibacterial spectrum"[TW] OR "antiinfectives, otic"[TW] OR "antimicrobial"[TW] OR "antimicrobial agent"[TW] OR "antimicrobial compound"[TW] OR "antimicrobial drug"[TW] OR "antimicrobial factor"[TW] OR "antiseptic"[TW] OR "antiseptic agent"[TW] OR "antiseptic cream"[TW] OR "antiseptic foam"[TW] OR "antiseptic soap"[TW] OR "chemotherapeutic agent"[TW] OR "chemotherapeutic drug"[TW] OR "chemotherapeutica"[TW] OR "microbiological agent"[TW]	829,832
#21	"Anti-Bacterial Agents"[Pharmacological Action]	777,942
#22	#19 OR #20 OR #21	1,178,493
#23	"Time Factors"[Mesh]	1,228,419
#24	"Time Factors"[TW] OR "Factor, Time"[TW] OR "Time Factor"[TW] OR "Time Series"[TW] OR "time"[TW] OR "time-to-antibiotic"[TW] OR "timing"[TW]	4,734,091
#25	"Time-to-Treatment"[Mesh]	9,703
#26	"Time-to-Treatment"[TW] OR "Time-to-Treatments"[TW] OR "Time to Treatment"[TW] OR "Time to Treatments"[TW] OR "Door-to-Treatment Time"[TW] OR "Door to Treatment Time"[TW] OR "Delayed Treatment"[TW] OR "Delayed Treatments"[TW] OR "Treatment, Delayed"[TW] OR "Treatment Delay"[TW] OR "Delay, Treatment"[TW] OR "Treatment Delays"[TW] OR "onset to treatment time"[TW] OR "symptom to treatment time"[TW] OR "time to therapy"[TW]	22,077
#27	#23 OR #24 OR #25 OR #26	4,741,937
#28	#22 AND #27	165,738
#29	#18 AND #28	4,715
#30	#29 NOT ("Case Reports"[PT] OR "Review"[PT])	3,784

Supplementary Table 1. Continued

(B) EMBASE

No.	Search query	Items found
#1	"adult"/exp	10,513,425
#2	"Adult":ti,ab,kw,de OR "Adults":ti,ab,kw,de OR "adults":ti,ab,kw,de OR "grown-ups":ti,ab,kw,de OR "grownup":ti,ab,kw,de OR "grownups":ti,ab,kw,de	9,836,049
#3	"middle aged"/exp	2,115,649
#4	"Middle Aged":ti,ab,kw,de OR "Middle Age":ti,ab,kw,de	2,153,134
#5	"aged"/exp	3,605,384
#6	"Aged":ti,ab,kw,de OR "Elderly":ti,ab,kw,de OR "senior citizen":ti,ab,kw,de OR "senium":ti,ab,kw,de	5,540,209
#7	"very elderly"/exp	272,689
#8	"Oldest Old":ti,ab,kw,de OR "Nonagenarians":ti,ab,kw,de OR "Nonagenarian":ti,ab,kw,de OR "Octogenarians":ti,ab,kw,de OR "Octogenarian":ti,ab,kw,de OR "Centenarians":ti,ab,kw,de OR "Centenarian":ti,ab,kw,de OR "very old":ti,ab,kw,de	19,899
#9	"frail elderly"/exp	11,792
#10	"Frail Elderly":ti,ab,kw,de OR "Elderly, Frail":ti,ab,kw,de OR "Frail Elders":ti,ab,kw,de OR "Elder, Frail":ti,ab,kw,de OR "Elders, Frail":ti,ab,kw,de OR "Frail Elder":ti,ab,kw,de OR "Functionally-Impaired Elderly":ti,ab,kw,de OR "Elderly, Functionally-Impaired":ti,ab,kw,de OR "Functionally Impaired Elderly":ti,ab,kw,de OR "Frail Older Adults":ti,ab,kw,de OR "Adult, Frail Older":ti,ab,kw,de OR "Adults, Frail Older":ti,ab,kw,de OR "Frail Older Adult":ti,ab,kw,de OR "Older Adult, Frail":ti,ab,kw,de OR "Older Adults, Frail":ti,ab,kw,de	16,413
#11	"older age":ti,ab,kw,de OR "aging":ti,ab,kw,de OR "ageing":ti,ab,kw,de OR "older adult*":ti,ab,kw,de OR "older people":ti,ab,kw,de OR "older persons":ti,ab,kw,de OR "elder*":ti,ab,kw,de OR "geriatric*":ti,ab,kw,de OR "senior*":ti,ab,kw,de OR "pensioner*":ti,ab,kw,de OR "veteran*":ti,ab,kw,de	1,664,970
#12	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11	12,132,461
#13	"Sepsis"/exp	324,276
#14	"Sepsis":ti,ab,kw,de OR "Bloodstream Infection":ti,ab,kw,de OR "Bloodstream Infections":ti,ab,kw,de OR "Infection, Bloodstream":ti,ab,kw,de OR "Pyemia":ti,ab,kw,de OR "Pyemias":ti,ab,kw,de OR "Pyohemia":ti,ab,kw,de OR "Pyohemias":ti,ab,kw,de OR "Pyaemia":ti,ab,kw,de OR "Pyaemias":ti,ab,kw,de OR "Septicemia":ti,ab,kw,de OR "Septicemias":ti,ab,kw,de OR "Blood Poisoning":ti,ab,kw,de OR "Blood Poisonings":ti,ab,kw,de OR "Poisonings, Blood":ti,ab,kw,de OR "Poisoning, Blood":ti,ab,kw,de OR "Severe Sepsis":ti,ab,kw,de OR "Sepsis, Severe":ti,ab,kw,de OR "abdominal sepsis":ti,ab,kw,de OR "focal sepsis":ti,ab,kw,de OR "intraabdominal sepsis":ti,ab,kw,de OR "sepsis syndrome":ti,ab,kw,de OR "septic disease":ti,ab,kw,de OR "severe sepsis":ti,ab,kw,de	306,169
#15	"septic shock"/exp	68,499
#16	"Shock, Septic":ti,ab,kw,de OR "Septic Shock":ti,ab,kw,de OR "Shock, Toxic":ti,ab,kw,de OR "Toxic Shock Syndrome":ti,ab,kw,de OR "Shock Syndrome, Toxic":ti,ab,kw,de OR "Toxic Shock Syndromes":ti,ab,kw,de OR "Toxic Shock":ti,ab,kw,de OR "Shock, Endotoxic":ti,ab,kw,de OR "Endotoxin Shock":ti,ab,kw,de OR "Endotoxin Shocks":ti,ab,kw,de OR "Shock, Endotoxin":ti,ab,kw,de OR "Shocks, Endotoxin":ti,ab,kw,de OR "sepsis-associated hypotension":ti,ab,kw,de OR "septicaemic shock":ti,ab,kw,de OR "septicemic shock":ti,ab,kw,de OR "septic":ti,ab,kw,de	128,200
#17	#13 OR #14 OR #15 OR #16	420,687
#18	#12 AND #17	192,616
#19	"antiinfective agent"/exp	4,572,701

Supplementary Table 1. Continued

(B) Continued

No.	Search query	Items found
#20	"Anti-Bacterial Agents":ti,ab,kw,de OR "Agents, Anti-Bacterial":ti,ab,kw,de OR "Anti Bacterial Agents":ti,ab,kw,de OR "Antibacterial Agents":ti,ab,kw,de OR "Agents, Antibacterial":ti,ab,kw,de OR "Antibacterial Agent":ti,ab,kw,de OR "Agent, Antibacterial":ti,ab,kw,de OR "Anti-Bacterial Compounds":ti,ab,kw,de OR "Anti Bacterial Compounds":ti,ab,kw,de OR "Compounds, Anti-Bacterial":ti,ab,kw,de OR "Anti-Bacterial Agent":ti,ab,kw,de OR "Agent, Anti-Bacterial":ti,ab,kw,de OR "Anti Bacterial Agent":ti,ab,kw,de OR "Anti-Bacterial Compound":ti,ab,kw,de OR "Anti Bacterial Compound":ti,ab,kw,de OR "Compound, Anti-Bacterial":ti,ab,kw,de OR "Bacteriocidal Agents":ti,ab,kw,de OR "Agents, Bacteriocidal":ti,ab,kw,de OR "Bacteriocidal Agent":ti,ab,kw,de OR "Agent, Bacteriocidal":ti,ab,kw,de OR "Bacteriocide":ti,ab,kw,de OR "Bacteriocides":ti,ab,kw,de OR "Anti-Mycobacterial Agents":ti,ab,kw,de OR "Agents, Anti-Mycobacterial":ti,ab,kw,de OR "Anti Mycobacterial Agents":ti,ab,kw,de OR "Anti-Mycobacterial Agent":ti,ab,kw,de OR "Agent, Anti-Mycobacterial":ti,ab,kw,de OR "Anti Mycobacterial Agent":ti,ab,kw,de OR "Antimycobacterial Agent":ti,ab,kw,de OR "Agent, Antimycobacterial":ti,ab,kw,de OR "Antimycobacterial Agents":ti,ab,kw,de OR "Agents, Antimycobacterial":ti,ab,kw,de OR "Antibiotics":ti,ab,kw,de OR "Antibiotic":ti,ab,kw,de OR "antiinfective agent":ti,ab,kw,de OR "anti infective agents":ti,ab,kw,de OR "anti infectives, otic":ti,ab,kw,de OR "anti-infective agents":ti,ab,kw,de OR "anti-infectives, otic":ti,ab,kw,de OR "antibacterial":ti,ab,kw,de OR "antibacterial drug":ti,ab,kw,de OR "antibacterial soap":ti,ab,kw,de OR "antibacterial spectrum":ti,ab,kw,de OR "antiinfectives, otic":ti,ab,kw,de OR "antimicrobial":ti,ab,kw,de OR "antimicrobial agent":ti,ab,kw,de OR "antimicrobial compound":ti,ab,kw,de OR "antimicrobial drug":ti,ab,kw,de OR "antimicrobial factor":ti,ab,kw,de OR "antiseptic":ti,ab,kw,de OR "antiseptic agent":ti,ab,kw,de OR "antiseptic cream":ti,ab,kw,de OR "antiseptic foam":ti,ab,kw,de OR "antiseptic soap":ti,ab,kw,de OR "chemotherapeutic agent":ti,ab,kw,de OR "chemotherapeutic drug":ti,ab,kw,de OR "chemotherapeutica":ti,ab,kw,de OR "microbiological agent":ti,ab,kw,de	1,262,119
#21	#19 OR #20	4,804,711
#22	"time factor"/exp	45,653
#23	"Time Factors":ti,ab,kw,de OR "Factor, Time":ti,ab,kw,de OR "Time Factor":ti,ab,kw,de OR "Time Series":ti,ab,kw,de OR "time":ti,ab,kw,de OR "time-to-antibiotic":ti,ab,kw,de OR "timing":ti,ab,kw,de	6,028,416
#24	"time to treatment"/exp	24,201
#25	"Time-to-Treatment":ti,ab,kw,de OR "Time-to-Treatments":ti,ab,kw,de OR "Time to Treatment":ti,ab,kw,de OR "Time to Treatments":ti,ab,kw,de OR "Door-to-Treatment Time":ti,ab,kw,de OR "Door to Treatment Time":ti,ab,kw,de OR "Delayed Treatment":ti,ab,kw,de OR "Delayed Treatments":ti,ab,kw,de OR "Treatment, Delayed":ti,ab,kw,de OR "Treatment Delay":ti,ab,kw,de OR "Delay, Treatment":ti,ab,kw,de OR "Treatment Delays":ti,ab,kw,de OR "onset to treatment time":ti,ab,kw,de OR "symptom to treatment time":ti,ab,kw,de OR "time to therapy":ti,ab,kw,de	41,949
#26	#22 OR #23 OR #24 OR #25	6,036,757
#27	#21 AND #26	779,731
#28	#18 AND #27	18,514
#29	#28 NOT ("case report"/de OR "review"/it OR "conference abstract"/it)	9,878

Supplementary Table 1. Continued

(C) Cochrane Central Registry of Controlled Trials

No.	Search query	Items found
#1	[mh "Adult"]	495,527
#2	"Adult":ti,ab,kw OR "Adults":ti,ab,kw OR "adults":ti,ab,kw OR "grown-ups":ti,ab,kw OR "growingup":ti,ab,kw OR "growingups":ti,ab,kw	763,500
#3	[mh "Middle Aged"]	334,322
#4	"Middle Aged":ti,ab,kw OR "Middle Age":ti,ab,kw	375,499
#5	[mh "Aged"]	221,424
#6	"Aged":ti,ab,kw OR "Elderly":ti,ab,kw OR "senior citizen":ti,ab,kw OR "senium":ti,ab,kw	589,100
#7	[mh "Aged, 80 and over"]	56,131
#8	"Oldest Old":ti,ab,kw OR "Nonagenarians":ti,ab,kw OR "Nonagenarian":ti,ab,kw OR "Octogenarians":ti,ab,kw OR "Octogenarian":ti,ab,kw OR "Centenarians":ti,ab,kw OR "Centenarian":ti,ab,kw OR "very old":ti,ab,kw	472
#9	[mh "Frail Elderly"]	803
#10	"Frail Elderly":ti,ab,kw OR "Elderly, Frail":ti,ab,kw OR "Frail Elders":ti,ab,kw OR "Elder, Frail":ti,ab,kw OR "Elders, Frail":ti,ab,kw OR "Frail Elder":ti,ab,kw OR "Functionally-Impaired Elderly":ti,ab,kw OR "Elderly, Functionally-Impaired":ti,ab,kw OR "Functionally Impaired Elderly":ti,ab,kw OR "Frail Older Adults":ti,ab,kw OR "Adult, Frail Older":ti,ab,kw OR "Adults, Frail Older":ti,ab,kw OR "Frail Older Adult":ti,ab,kw OR "Older Adult, Frail":ti,ab,kw OR "Older Adults, Frail":ti,ab,kw	1,991
#11	"older age":ti,ab,kw OR "aging":ti,ab,kw OR "ageing":ti,ab,kw OR "older adult*":ti,ab,kw OR "older people":ti,ab,kw OR "older persons":ti,ab,kw OR "elder*":ti,ab,kw OR "geriatric*":ti,ab,kw OR "senior*":ti,ab,kw OR "pensioner*":ti,ab,kw OR "veteran*":ti,ab,kw	86,202
#12	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11	991,878
#13	[mh "Sepsis"]	5,002
#14	"Sepsis":ti,ab,kw OR "Bloodstream Infection":ti,ab,kw OR "Bloodstream Infections":ti,ab,kw OR "Infection, Bloodstream":ti,ab,kw OR "Pyemia":ti,ab,kw OR "Pyemias":ti,ab,kw OR "Pyohemia":ti,ab,kw OR "Pyohemias":ti,ab,kw OR "Pyaemia":ti,ab,kw OR "Pyamias":ti,ab,kw OR "Septicemia":ti,ab,kw OR "Septicemias":ti,ab,kw OR "Blood Poisoning":ti,ab,kw OR "Blood Poisonings":ti,ab,kw OR "Poisonings, Blood":ti,ab,kw OR "Poisoning, Blood":ti,ab,kw OR "Severe Sepsis":ti,ab,kw OR "Sepsis, Severe":ti,ab,kw OR "abdominal sepsis":ti,ab,kw OR "focal sepsis":ti,ab,kw OR "intraabdominal sepsis":ti,ab,kw OR "sepsis syndrome":ti,ab,kw OR "septic disease":ti,ab,kw OR "severe sepsis":ti,ab,kw	14,369
#15	[mh "Shock, Septic"]	1,092
#16	"Shock, Septic":ti,ab,kw OR "Septic Shock":ti,ab,kw OR "Shock, Toxic":ti,ab,kw OR "Toxic Shock Syndrome":ti,ab,kw OR "Shock Syndrome, Toxic":ti,ab,kw OR "Toxic Shock Syndromes":ti,ab,kw OR "Toxic Shock":ti,ab,kw OR "Shock, Endotoxic":ti,ab,kw OR "Endotoxin Shock":ti,ab,kw OR "Endotoxin Shocks":ti,ab,kw OR "Shock, Endotoxin":ti,ab,kw OR "Shocks, Endotoxin":ti,ab,kw OR "sepsis-associated hypotension":ti,ab,kw OR "septicaemic shock":ti,ab,kw OR "septicemic shock":ti,ab,kw OR "septic":ti,ab,kw	5,247
#17	#13 OR #14 OR #15 OR #16	18,407
#18	#12 AND #17	10,378
#19	[mh "Anti-Bacterial Agents"]	13,163

Supplementary Table 1. Continued

(C) Continued

No.	Search query	Items found
#20	"Anti-Bacterial Agents":ti,ab,kw OR "Agents, Anti-Bacterial":ti,ab,kw OR "Anti Bacterial Agents":ti,ab,kw OR "Antibacterial Agents":ti,ab,kw OR "Agents, Antibacterial":ti,ab,kw OR "Antibacterial Agent":ti,ab,kw OR "Agent, Antibacterial":ti,ab,kw OR "Anti-Bacterial Compounds":ti,ab,kw OR "Anti Bacterial Compounds":ti,ab,kw OR "Compounds, Anti-Bacterial":ti,ab,kw OR "Anti-Bacterial Agent":ti,ab,kw OR "Agent, Anti-Bacterial":ti,ab,kw OR "Anti Bacterial Agent":ti,ab,kw OR "Anti-Bacterial Compound":ti,ab,kw OR "Anti Bacterial Compound":ti,ab,kw OR "Compound, Anti-Bacterial":ti,ab,kw OR "Bacteriocidal Agents":ti,ab,kw OR "Agents, Bacteriocidal":ti,ab,kw OR "Bacteriocidal Agent":ti,ab,kw OR "Agent, Bacteriocidal":ti,ab,kw OR "Bacteriocide":ti,ab,kw OR "Bacteriocides":ti,ab,kw OR "Anti-Mycobacterial Agents":ti,ab,kw OR "Agents, Anti-Mycobacterial":ti,ab,kw OR "Anti Mycobacterial Agents":ti,ab,kw OR "Anti-Mycobacterial Agent":ti,ab,kw OR "Agent, Anti-Mycobacterial":ti,ab,kw OR "Anti Mycobacterial Agent":ti,ab,kw OR "Antimycobacterial Agent":ti,ab,kw OR "Agent, Antimycobacterial":ti,ab,kw OR "Antimycobacterial Agents":ti,ab,kw OR "Agents, Antimycobacterial":ti,ab,kw OR "Antibiotics":ti,ab,kw OR "Antibiotic":ti,ab,kw OR "antiinfective agent":ti,ab,kw OR "anti infective agents":ti,ab,kw OR "anti infectives, otic":ti,ab,kw OR "anti-infective agents":ti,ab,kw OR "anti-infectives, otic":ti,ab,kw OR "antibacterial":ti,ab,kw OR "antibacterial drug":ti,ab,kw OR "antibacterial soap":ti,ab,kw OR "antibacterial spectrum":ti,ab,kw OR "antiinfectives, otic":ti,ab,kw OR "antimicrobial":ti,ab,kw OR "antimicrobial agent":ti,ab,kw OR "antimicrobial compound":ti,ab,kw OR "antimicrobial drug":ti,ab,kw OR "antimicrobial factor":ti,ab,kw OR "antiseptic":ti,ab,kw OR "antiseptic agent":ti,ab,kw OR "antiseptic cream":ti,ab,kw OR "antiseptic foam":ti,ab,kw OR "antiseptic soap":ti,ab,kw OR "chemotherapeutic agent":ti,ab,kw OR "chemotherapeutic drug":ti,ab,kw OR "chemotherapeutica":ti,ab,kw OR "microbiological agent":ti,ab,kw	50,228
#21	#19 OR #20	51,206
#22	[mh "Time Factors"]	67,179
#23	"Time Factors":ti,ab,kw OR "Factor, Time":ti,ab,kw OR "Time Factor":ti,ab,kw OR "Time Series":ti,ab,kw OR "time":ti,ab,kw OR "time-to-antibiotic":ti,ab,kw OR "timing":ti,ab,kw	466,231
#24	[mh "Time-to-Treatment"]	453
#25	"Time-to-Treatment":ti,ab,kw OR "Time-to-Treatments":ti,ab,kw OR "Time to Treatment":ti,ab,kw OR "Time to Treatments":ti,ab,kw OR "Door-to-Treatment Time":ti,ab,kw OR "Door to Treatment Time":ti,ab,kw OR "Delayed Treatment":ti,ab,kw OR "Delayed Treatments":ti,ab,kw OR "Treatment, Delayed":ti,ab,kw OR "Treatment Delay":ti,ab,kw OR "Delay, Treatment":ti,ab,kw OR "Treatment Delays":ti,ab,kw OR "onset to treatment time":ti,ab,kw OR "symptom to treatment time":ti,ab,kw OR "time to therapy":ti,ab,kw	5,172
#26	#22 OR #23 OR #24 OR #25	467,199
#27	#21 AND #26	13,989
#28	#18 AND #27	784

Supplementary Table 1. Continued

(D) KMBASE

No.	Search query	Items found
#1	(([ALL=Sepsis] OR [ALL=Septic Shock])	3,191
#2	(([ALL=Anti-Bacterial Agent] OR [ALL=Antibacterial Agent])	416
#3	#1 AND #2	12
#4	(([ALL=패혈증] OR [ALL=패혈성쇼크])	1,248
#5	(([ALL=Anti-Bacterial Agent] OR [ALL=Antibacterial Agent])	416
#6	#4 AND #5	3
#7	(([ALL=Sepsis] OR [ALL=Septic Shock])	3,191
#8	항생제	3,471
#9	#7 AND #8	148
#10	(([ALL=패혈증] OR [ALL=패혈성쇼크])	1,248
#11	[ALL=항생제]	3,471
#12	#10 AND #11	164
#13	Total records	220

Korean search keywords appendix: 패혈증, sepsis; 패혈성쇼크, septic shock; 항생제, antimicrobials.