

SEARCH STRATEGIES

RESEARCH QUESTIONS

1. What is the clinical and cost-effectiveness of specialist assessment in adults who have presented to ED and or have been admitted to hospital with an acute asthma exacerbation?
2. What is the clinical and cost-effectiveness of self-management and educational interventions in adults who have presented to ED and or have been admitted to hospital with an acute asthma exacerbation?

SOURCES SEARCHED

Databases	Number of results	Date searched
Medline Complete via Ebsco	1220	13/06/2025
Embase via Elsevier	2396	13/06/2025
The Cochrane Library	619	13/06/2025
CINAHL Complete via Ebsco	381	13/06/2025
PsychInfo via EBSCO	184	13/06/2025
Clinical trials.gov	24	13/06/2025
Total	4824	
Total after duplicates removed	3222	

Citation Searching of included studies via Citation Chaser	Number of results	Date searched
Backward citation chasing	279	08/08/2025
Forward Citation Chasing	1083	08/08/2025
Total after duplicates removed	1161	

Database Name	Medline via Ebsco
Date search was run	12 June 2025

#	Query	Limiters/Expanders	Last Run Via	Results
S38	S26 OR S37	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	1,220
S37	S19 AND S36	Limiters - Publication Date: 20150101- Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	145
S36	S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	1,082,234
S35	AB ((adjusted or quality-adjusted) N1 year*) OR TI ((adjusted or quality- adjusted) N1 year*)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	33,851
S34	AB (expenditure* N2 (health or direct or indirect)) OR TI (expenditure* N2 (health or direct or indirect))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	12,099
S33	AB (out-of-pocket N1 (payment* or expenditure* or cost* or spending or expense*)) OR TI (out-of-pocket N1(payment* or expenditure* or cost* or spending or expense*))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	8,288
S32	(MH "Health Expenditures") OR (MH "Hospital Costs")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	80,344

S31	(MH "Cost of Illness")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	34,576
S30	(MH "Quality-Adjusted Life Years")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	17,910
S29	AB ("quality-adjusted life years" or "quality adjusted life years" or QALY*) OR TI ("quality-adjusted life years" or "quality adjusted life years" or QALY*)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	19,635
S28	AB (burden* N1 (illness or disease* or condition* or economic*)) OR TI (burden* N1 (illness or disease* or condition* or economic*))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	70,864
S27	AB cost* OR TI cost* OR (MH "Costs and Cost Analysis+") OR AB "cost benefit analys*" OR TI "cost benefit analys*" OR (MH "Cost-Benefit Analysis") OR (MH "Health Care Costs+")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	1,019,881
S26	S19 AND S25	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	1,158
S25	S22 OR S23 OR S24	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	7,753,390
S24	MH "Systematic Review" OR MH "Meta Analysis" OR PT "Meta-Analysis" OR TI systematic* N1 (review* OR overview*) OR AB systematic* N1 (review* OR overview*) OR TI "meta analys*" OR TI "meta analyz*" OR AB "meta analys*"	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	940,053

	OR AB "meta analyz* OR TI literature N2 (review* OR overview*) OR AB literature N2 (review* OR overview*)			
S23	MH "Cohort Studies" OR MH "Longitudinal Studies" OR MH "Prospective Studies" OR MH "Follow Up Studies" OR MH "Retrospective Studies" OR TI (cohort OR longitudinal OR prospective OR "follow up" OR retrospective) N1 (study OR analys* OR design OR method*) OR AB (cohort OR longitudinal OR prospective OR "follow up" OR retrospective) N1 (study OR analys* OR design OR method*)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	2,832,668
S22	S20 NOT S21	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	5,384,776
S21	(MH "Animals+") NOT(MH "Humans")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	5,345,466
S20	(MH "Randomized Controlled Trial") OR PT controlled clinical trial OR (AB (randomized or placebo or randomly or trial or groups))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	6,175,508
S19	S9 AND S18	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	2,220
S18	S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	585,815

S17	XB (specialist* N3 (service* or assess* or management or consultant or physio* or clinic* or hub* or nurs* or respiratory)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	29,671
S16	XB outpatient*	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	234,563
S15	(MH "Outpatient Clinics, Hospital+")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	17,532
S14	XB ("personal care" or "self efficacy" or self-efficacy)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	56,208
S13	XB (patient* N3 (knowledge or education* or learning))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	86,491
S12	XB (self-manag* or "self manag*" or self-care or "self care")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	58,330
S11	(MH "Patient Education as Topic+") OR (MH "Patient Participation")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	118,791
S10	(MH "Self-Management") OR (MH "Self Care+")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	72,105
S9	S1 OR S2 OR S3 OR S4 OR S5 OR S8	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	33,834

S8	S6 AND S7	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	5,759
S7	(MH "Airway Obstruction+") OR TX("fatal attack*" or "near fatal" or "respiratory failure")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	146,380
S6	(MH "Asthma+") OR asthma	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	234,923
S5	XB (asthma* N3 (crisis or shock or state or attack* or exacerbat*))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	17,694
S4	XB status asthmaticus	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	1,391
S3	XB "acute asthma"	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	3,967
S2	XB "severe asthma"	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	11,407
S1	(MH "Status Asthmaticus")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - MEDLINE Complete	1,334
Database Name		Embase 1974 to 2024 via Ovid		
Date search was run		13 June 2025		

No.	Query	Results
#40	#29 OR #39	2396
#39	#18 AND #37 AND [2015-2025]/py	294

#38	#18 AND #37	535
#37	#30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36	1265682
#36	((adjusted OR 'quality adjusted') NEAR/1 year*):ab,ti	6188
#35	(expenditure* NEAR/2 (health OR direct OR indirect)):ab,ti	14769
#34	('out of pocket' NEAR/1 (payment* OR expenditure* OR cost* OR spending OR expense*)):ab,ti	10024
#33	'quality adjusted life year'/exp OR 'cost of illness'/exp	62117
#32	'quality-adjusted life years':ab,ti OR 'quality adjusted life years':ab,ti OR qaly*:ab,ti	34565
#31	(burden* NEAR/1 (illness OR disease* OR condition* OR economic*)):ab,ti	81964
#30	'cost'/exp OR 'cost benefit analysis'/exp OR 'health care cost'/exp OR 'cost':ab,ti	1188824
#29	#18 AND #28	2299
#28	#23 OR #26 OR #27	10563751
#27	'systematic review'/exp OR 'systematic review' OR 'meta analysis'/exp OR 'meta analysis' OR ((systematic* NEAR/2 (review* OR overview*)):ti,ab) OR 'meta analys*':ti,ab OR 'meta analyz*':ti,ab OR ((literature NEAR/3 (review* OR overview*)):ti,ab)	1296989
#26	#24 OR #25	5919800
#25	((cohort OR longitudinal OR prospective OR 'follow up' OR retrospective) NEAR/1 (study OR analys* OR design OR method*)):ab,ti	1863339
#24	'cohort analysis'/exp OR 'cohort analysis' OR 'longitudinal study'/exp OR 'longitudinal study' OR 'prospective study'/exp OR 'prospective study' OR 'follow up'/exp OR 'follow up' OR 'retrospective study'/exp OR 'retrospective study'	5771939
#23	#21 NOT #22	5445450
#22	'animal'/exp NOT 'human'/exp	6315609
#21	#19 OR #20	6204207
#20	randomized:ab OR placebo:ab OR randomly:ab OR trial:ab OR groups:ab	5807860
#19	'randomized controlled trial'/exp OR 'clinical trial'/it	1424965
#18	#7 AND #17	4155
#17	#8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16	927921
#16	(specialist* NEAR/3 (service* OR assess* OR management OR consultant OR physio* OR clinic* OR hub* OR nurs* OR respiratory)):ab,ti	46089

#15	outpatient*:ab,ti	435630
#14	'outpatient department'/exp	109997
#13	'personal care':ab,ti OR 'self efficacy':ab,ti	69520
#12	(patient* NEAR/3 (knowledge OR education* OR learning)):ab,ti	115815
#11	'self manag*':ab,ti OR 'self care':ab,ti	85770
#10	'patient participation'/exp	40795
#9	'patient education'/exp	135625
#8	'self care'/exp	122788
#7	#1 OR #2 OR #3 OR #6	59000
#6	#4 AND #5	14042
#5	'airway obstruction'/exp OR 'fatal attack*':ab,ti OR 'near fatal':ab,ti OR 'respiratory failure':ab,ti	134062
#4	'asthma'/exp OR asthma	423545
#3	(asthma* NEAR/3 (crisis OR shock OR state OR attack* OR exacerbat*)):ab,ti	27294
#2	'severe asthma':ab,ti OR 'acute asthma':ab,ti OR 'status asthmaticus':ab,ti	27429
#1	'asthmatic state'/exp	3136

Database Name	The Cochrane Library
Date search was run	

Database Name	CINAHL Complete via Ebsco
Date search was run	13 June 2025

#	Query	Limiters/Expanders	Last Run Via	Results
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S38	S26 OR S37	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	381
S37	S19 AND S36	Limiters - Publication Date: 20150101- Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	41
S36	S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	315,125
S35	AB ((adjusted or quality-adjusted) N1 year*) OR TI ((adjusted or quality- adjusted) N1 year*)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	11,111
S34	AB (expenditure* N2 (health or direct or indirect)) OR TI (expenditure* N2 (health or direct or indirect))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	4,937
S33	AB (out-of-pocket N1 (payment* or expenditure* or cost* or spending or expense*)) OR TI (out-of-pocket N1(payment* or expenditure* or cost* or spending or expense*))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	3,981
S32	(MH "Health Expenditures") OR (MH "Health Facility Costs")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	5,364
S31	(MH "Economic Aspects of Illness")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	11,432
S30	(MH "Quality-Adjusted Life Years")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	6,204

S29	AB ("quality-adjusted life years" or "quality adjusted life years" or QALY*) OR TI ("quality-adjusted life years" or "quality adjusted life years" or QALY*)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	6,937
S28	AB (burden* N1 (illness or disease* or condition* or economic*)) OR TI (burden* N1 (illness or disease* or condition* or economic*))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	20,895
S27	AB cost* OR TI cost* OR (MH "Costs and Cost Analysis+") OR AB "cost benefit analys*" OR TI "cost benefit analys*" OR (MH "Cost-Benefit Analysis") OR (MH "Health Care Costs+")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	289,002
S26	S19 AND S25	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	358
S25	S22 OR S23 OR S24	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	2,223,331
S24	MH "Systematic Review" OR MH "Meta Analysis" OR PT systematic review OR PT meta analysis OR TI systematic* N1 (review* OR overview*) OR AB systematic* N1 (review* OR overview*) OR TI "meta analys*" OR TI "meta analyz*" OR AB "meta analys*" OR AB "meta analyz*" OR TI literature N2 (review* OR overview*) OR AB literature N2 (review* OR overview*)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	380,975
S23	(MH "Prospective Studies+") OR (MH "Retrospective Design") OR (MH "Retrospective Panel Studies") OR TI	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	969,738

	(cohort OR longitudinal OR prospective OR "follow up" OR retrospective) N1 (study OR analys* OR design OR method*) OR AB (cohort OR longitudinal OR prospective OR "follow up" OR retrospective) N1 (study OR analys* OR design OR method*)			
S22	S20 NOT S21	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	1,317,279
S21	(MH "Animals+") NOT(MH "Humans")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	102,256
S20	(MH "Randomized Controlled Trials+") OR PT Clinical Trial OR PT Randomized Controlled Trial or (AB (randomized or placebo or randomly or trial or groups))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	1,333,071
S19	S9 AND S18	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	745
S18	S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	319,524
S17	XB (specialist* N3 (service* or assess* or management or consultant or physio* or clinic* or hub* or nurs* or respiratory)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	19,957
S16	XB outpatient*	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	81,351

S15	(MH "Outpatient Service")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	13,399
S14	XB ("personal care" or "self efficacy" or self-efficacy)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	34,075
S13	XB (patient* N3 (knowledge or education* or learning))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	42,215
S12	XB (self-manag* or "self manag*" or self-care or "self care")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	41,139
S11	(MH "Patient Education+") OR (MH "Patient Participation")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	93,441
S10	(MH "Self-Management") OR (MH "Self Care+")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	65,669
S9	S1 OR S2 OR S3 OR S4 OR S5 OR S8	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	7,969
S8	S6 AND S7	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	1,299
S7	(MH "Airway Obstruction+") OR TX("fatal attack*" or "near fatal" or "respiratory failure")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	37,306
S6	(MH "Asthma+") OR asthma	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	51,316

S5	XB (asthma* N3 (crisis or shock or state or attack* or exacerbat*))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	4,096
S4	XB status asthmaticus	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	349
S3	XB "acute asthma"	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	1,243
S2	XB "severe asthma"	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	2,502
S1	(MH "Status Asthmaticus")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Complete	365

Database Name	APA PsycInfo via Ebsco
Date search was run	13 June 2025

#	Query	Limiters/Expanders	Last Run Via	Results
S18	S8 AND S17	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	184
S17	S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	176,327

S16	XB (specialist* N3 (service* or assess* or management or consultant or physio* or clinic* or hub* or nurs* or respiratory))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	7,481
S15	XB outpatient*	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	64,583
S14	DE "Outpatient Treatment"	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	8,832
S13	XB ("personal care" or "self efficacy" or self-efficacy)	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	58,134
S12	XB (patient* N3 (knowledge or education* or learning))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	17,077
S11	XB (self-manag* or "self manag*" or self-care or "self care")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	26,690
S10	(DE "Client Education") OR (DE "Client Participation")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	8,592
S9	(DE "Self-Management" OR DE "Self-Instructional Training") OR (DE "Self-Care")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	13,758
S8	S1 OR S2 OR S3 OR S4 OR S7	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	1,078
S7	S5 AND S6	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	24

S6	TX("fatal attack*" or "near fatal" or "respiratory failure")	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	918
S5	DE "Asthma" OR asthma	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	9,447
S4	XB (asthma* N3 (crisis or shock or state or attack* or exacerbat*))	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	792
S3	XB status asthmaticus	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	16
S2	XB "acute asthma"	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	68
S1	XB "severe asthma"	Expanders - Apply equivalent subjects Search modes - Proximity	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - APA PsycInfo	296

Database Name	Cochrane Library
Date search was run	13 June 2025

#1	("severe asthma" or "acute asthma" or "status asthmaticus"):ti,ab,kw (Word variations have been searched)	4502
#2	((asthma* NEAR/3 (crisis or shock or state or attack* or exacerbat*))) :ti,ab,kw (Word variations have been searched)	4673
#3	(asthma*):ti,ab,kw AND ("fatal attack" or "fatal attacks" or "near fatal" or "respiratory failure"):ti,ab,kw (Word variations have been searched)	187

#4	#1 OR #2 OR #3	7463
#5	(self-manage* or "self manage" or "self manages" or "self management" or self-care or "self care"):ti,ab,kw (Word variations have been searched)	23353
#6	(patient* NEAR/3 (knowledge or education* or learning)):ti,ab,kw (Word variations have been searched)	25305
#7	("personal care" or "self efficacy" or self-efficacy):ti,ab,kw (Word variations have been searched)	22571
#8	(outpatient*):ti,ab,kw (Word variations have been searched)	55526
#9	(specialist* NEAR/3 (service* or assess* or management or consultant or physio* or clinic* or hub* or nurs* or respiratory)):ti,ab,kw (Word variations have been searched)	3649
#10	#5 OR #6 OR #7 OR #8 OR #9	115902
#11	#4 AND #10	619

Database Name	ClinicalTrials.gov
Date search was run	13 June 2025
Search Strategies	Search 1: Asthma Exacerbation Self-Management Search 2: Asthma Exacerbation education Search 3: Asthma Exacerbation Outpa

