

<p>Subject: <i>Search Strategies: COPD and FeNO</i></p> <p><i>Searches run: June 29, 2016</i></p>
--

Contents

Medline via OvidSP	2
Embase via OvidSP.....	3
CINAHL via EBSCOhost	4
Cochrane Library via Wiley Online.....	5
Web of Science	6
BIOSIS Previews, BIOSIS Previews Archive	7
Removal of duplicates.....	8

Search Strategies

Medline via OvidSP

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily 1946 to Present		
#	Searches	Results
1	("10712994" or "10907593" or "11296168" or "11413349" or "15817806" or "15939243" or "16289590" or "16646959" or "17426212" or "18460522" or "18547853" or "19124359" or "19401794" or "19820080" or "19881162" or "20210889" or "21143751" or "21530214" or "23445725" or "23509896" or "23681903" or "23989961" or "24013942" or "24719850" or "24929061" or "25053884" or "26252571" or "26372312" or "26491283" or "26496331" or "26497109" or "26814886" or "26916083" or "26952317" or "27142135" or "27209003").ui.	36
2	exp Pulmonary Disease, Chronic Obstructive/	43308
3	Lung Diseases, Obstructive/	18072
4	exp Pulmonary Emphysema/	14866
5	(obstructive adj2 (pulmonary or lung\$ or respirat\$ or air\$)).tw,kf.	44058
6	(chronic air\$ adj2 (obstruction\$ or limitation\$ or occlusion\$)).tw,kf.	1428
7	(chronic bronch\$ adj2 (obstruction\$ or limitation\$ or occlusion\$)).tw,kf.	95
8	(chronic\$ adj2 bronch\$).tw,kf.	12908
9	COPD.tw,kf.	32628
10	COAD.tw,kf.	222
11	emphysema\$.tw,kf.	24011
12	(acos and asthm*).tw,kf.	86
13	or/2-12	99543
14	Nitric Oxide/	78284
15	(feno and (fraction* or exhal* or nitric)).tw,kf.	1099
16	(fe no and (fraction* or exhal* or nitric)).tw,kf.	401
17	nitric oxid*.tw,kf.	126245
18	or/14-17	140975
19	13 and 18	750
20	1 and 19	32
21	1 not 20	4

Embase via OvidSP

Embase Classic+Embase 1947 to 2016 June 28		
#	Searches	Results
1	chronic obstructive lung disease/	90816
2	chronic bronchitis/	13971
3	exp lung emphysema/	25119
4	obstructive airway disease/	1876
5	bronchus obstruction/	4097
6	airway obstruction/	30149
7	(obstructive adj2 (pulmonary or lung\$ or respirat\$ or air\$)).tw.	62353
8	(chronic air\$ adj2 (obstruction\$ or limitation\$ or occlusion\$)).tw.	1831
9	(chronic bronch\$ adj2 (obstruction\$ or limitation\$ or occlusion\$)).tw.	159
10	(chronic\$ adj2 bronch\$).tw.	20615
11	COPD.tw.	58043
12	COAD.tw.	292
13	emphysema\$.tw.	37016
14	(acos and asthm*).tw.	128
15	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14	202126
16	nitric oxide/	131877
17	(feno and (fraction* or exhal* or nitric)).tw.	2503
18	((fe adj no) and (fraction* or exhal* or nitric)).tw.	261
19	nitric oxid*.tw.	150577
20	16 or 17 or 18 or 19	184366
21	15 and 20	2049
22	remove duplicates from 21	2024
23	from 22 keep 1-1000	1000
24	from 22 keep 1001-2000	1000
25	from 22 keep 2001-2024	24

CINAHL via EBSCOhost

#	Query	Results
S19	S13 AND S18	158
S18	S14 OR S15 OR S16 OR S17	9,826
S17	TI nitric oxid* OR AB nitric oxid*	7,415
S16	TI ((fe N1 no and (fraction* or exhal* or nitric))) OR AB ((fe N1 no and (fraction* or exhal* or nitric)))	44
S15	TI ((feno and (fraction* or exhal* or nitric))) OR AB ((feno and (fraction* or exhal* or nitric)))	157
S14	(MH "Nitric Oxide")	6,342
S13	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12	25,637
S12	TI ((acos and asthm*)) OR AB ((acos and asthm*))	12
S11	TI emphysema* OR AB emphysema*	2,329
S10	TI COAD OR AB COAD	24
S9	TI COPD OR AB COPD	9,032
S8	TI chronic* N2 bronch* OR AB chronic* N2 bronch*	936
S7	TI ("chronic bronch*" N2 (obstruction* OR limitation* OR occlusion*)) OR AB ("chronic bronch*" N2 (obstruction* OR limitation* OR occlusion*))	12
S6	TI ("chronic air*" N2 (obstruction* OR limitation* OR occlusion*)) OR AB ("chronic air*" N2 (obstruction* OR limitation* OR occlusion*))	136
S5	TI (obstructive N2 (pulmonary OR lung* OR respirat* OR air*)) OR AB (obstructive N2 (pulmonary OR lung* OR respirat* OR air*))	9,228
S4	MH "Emphysema+"	2,522
S3	(MH "Respiratory Tract Diseases")	3,304
S2	(MH "Lung Diseases, Obstructive")	3,603
S1	MH "Pulmonary Disease, Chronic Obstructive+"	12,513

Cochrane Library via Wiley Online

ID	Search	Hits
#1	(obstructive near/2 (pulmonary or lung* or respirat* or air*)):ti,ab,kw	7664
#2	("chronic air*" near/2 (obstruction* or limitation* or occlusion*)):ti,ab,kw	286
#3	("chronic bronch*" near/2 (obstruction* or limitation* or occlusion*)):ti,ab,kw	16
#4	(chronic* near/2 bronch*):ti,ab,kw	2028
#5	COAD:ti,ab,kw	47
#6	COPD:ti,ab,kw	8954
#7	emphysema*:ti,ab,kw	909
#8	acos:ti,ab,kw and asthm*:ti,ab,kw	2
#9	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8	14399
#10	feno:ti,ab,kw and (fraction* or exhal* or nitric):ti,ab,kw	189
#11	(fe N1 no):ti,ab,kw and (fraction* or exhal* or nitric):ti,ab,kw	0
#12	nitric oxid*:ti,ab,kw	4652
#13	#10 or #11 or #12	4661
#14	#9 and #13	91

Cochrane Reviews (2)

Trials (89)

Web of Science

Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI Timespan=All years		
SET	QUERY	RESULTS
# 14	#13 AND #9	1,649
# 13	#12 OR #11 OR #10	253,849
# 12	TS= (nitric oxid*)	253,810
# 11	TS= ("fe no" and (fraction* or exhal* or nitric))	467
# 10	TS= (feno and (fraction* or exhal* or nitric))	1,312
# 9	#8 OR #7 OR #6 OR #5 OR #4 OR #3 OR #2 OR #1	86,412
# 8	TS= (acos and asthm*)	66
# 7	TS= (emphysema*)	20,414
# 6	TS= (COAD)	400
# 5	TS= (COPD)	35,923
# 4	TS= (chronic* NEAR/2 bronch*)	11,628
# 3	TS= ("chronic bronch*" NEAR/2 (obstruction* or limitation* or occlusion*))	214
# 2	TS= ("chronic air*" NEAR/2 (obstruction* or limitation* or occlusion*))	1,392
# 1	TS= (obstructive NEAR/2 (pulmonary or lung* or respirat* or air*))	52,025

BIOSIS Previews, BIOSIS Previews Archive

#	Searches	Results
1	(obstructive adj2 (pulmonary or lung\$ or respirat\$ or air\$)).ti,ab,mi.	29808
2	(chronic air\$ adj2 (obstruction\$ or limitation\$ or occlusion\$)).ti,ab,mi.	1451
3	(chronic bronch\$ adj2 (obstruction\$ or limitation\$ or occlusion\$)).ti,ab,mi.	85
4	(chronic\$ adj2 bronch\$).ti,ab,mi.	10463
5	COPD.ti,ab,mi.	16994
6	COAD.ti,ab,mi.	176
7	emphysema\$.ti,ab,mi.	15763
8	(acos and asthm*).ti,ab,mi.	17
9	or/1-8	56423
10	(feno and (fraction* or exhal* or nitric)).ti,ab,mi.	701
11	(fe no and (fraction* or exhal* or nitric)).ti,ab,mi.	128
12	nitric oxid*.ti,ab,mi.	151002
13	or/10-12	151048
14	9 and 13	486

Removal of duplicates

	Records after Medline and/or Embase AN Removal	Au-Yr-Ti- Jo-VI-Is-Pg	Au-Yr-Ti	Au-Yr-Jo	Yr-Ti-Jo	Ti-Jo-VI	Ti-Is	Au-Yr-Is
Biosis articles	486	258	150	142	87	74	70	70
CINAHL	158	158	83	77	54	53	51	51
Cochrane	91	90	89	89	88	88	88	55
Embase articles	2024	1964	1558	1489	1443	1442	1422	1366
Medline articles	750	738	738	738	738	737	737	735
WoS articles	1649	1285	1129	1096	1031	1030	1019	1014
Sum	5158							3291