

Appendix 2: Search strategy

Background:

Final searches were performed on June 21st 2021, without date restrictions.

Medline (Ovid MEDLINE(R) ALL):

	Search terms	Results
1	exp Lung Diseases, Interstitial/ or exp Pulmonary Fibrosis/	77550
2	((interstitial adj3 (disease* or abnormalit* or pneumonia)) or ((pulmonary or lung) adj3 fibrosis) or ILD or IPF or UIP or (Diffuse adj2 lung-disease*)).ti,ab,kf.	46080
3	1 or 2	99446
4	(VATS or (Video adj3 thoroscop*)).ti,ab,kf.	9501
5	cryo*.ti,ab,kf.	97382
6	((surgic* or open or forceps or transbranch* or thoracoscop*) adj3 biop*).ti,ab,kf.	16327
7	4 or 5 or 6	122723
18	3 and 7	2540

Embase (embase.com):

	Search terms	Results
1	'interstitial lung disease'/exp OR 'interstitial lung disease' OR 'lung fibrosis'/exp OR 'lung fibrosis'	138170
2	((interstitial NEAR/3 (disease* OR abnormalit* OR pneumonia)):ti,ab,kw) OR (((pulmonary OR lung) NEAR/3 fibrosis):ti,ab,kw) OR ild:ti,ab,kw OR ipf:ti,ab,kw OR uip:ti,ab,kw OR ((diffuse NEAR/2 'lung disease*'):ti,ab,kw)	75817
3	#1 OR #2	154243
4	vats:ti,ab,kw OR ((video NEAR/3 thoroscop*):ti,ab,kw)	14171
5	cryo*:ti,ab,kw	130953
6	((surgic* OR open OR forceps OR transbranch* OR thoracoscop*) NEAR/3 biop*):ti,ab,kw	33484
7	#4 OR #5 OR #6	176821
8	#3 AND #7	6283
9	#8 NOT 'conference abstract'/it	4004
10	#9 AND [embase]/lim	3341

Total number of records identified:

Total number of search results in Medline and Embase: 5881

Total number of search results after removal of duplicates: 4325