

## Search Strategy

Search Number	Terms
1	*Lung Diseases, Interstitial/
2	*Pulmonary Fibrosis/ or *lung fibrosis/
3	*fibrosing alveolitis/
4	1 or 2 or 3
5	((idiopathic and pulmon\$ and fibros\$) or idiopathic fibrotic).tw.
6	IPF.tw.
7	(cryptogen\$ and fibros\$ and alveolit\$).mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
8	5 or 6 or 7
9	4 and 8
10	Idiopathic Pulmonary Fibrosis/
11	9 or 10
12	epidemiology.mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
13	Epidemiology/ or demographics.tw.
14	incidence/ or prevalence/
15	(incidence or prevalence).mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
16	mortality/ or survival rate/ or survival analysis/ or survival/
17	epidemiologic methods/ or cluster analysis/ or mass screening/
18	Morbidity/
19	morbidity.tw.
20	*probability/ or odds ratio/ or proportional hazards models/ or risk/ or Poisson distribution/ or regression analysis/ or logistic models/
21	(odds ratio or relative risk or rate ratio or hazard ratio or logistic models or retrospective chart review or regression analysis or poisson regression).mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
22	(cox and (model\$ or regression)).mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
23	(cohort\$ or case-control\$).mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
24	12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23
25	11 and 24
26	epidemiologic studies/ or case-control studies/ or retrospective studies/ or cohort studies/ or longitudinal studies/ or cross-sectional studies/ or prospective study/ or follow up/ or case report/ or health surveys/ or health care surveys/ or Risk Assessment/ or major clinical study/
27	(epidemiologic stud\$ or case-control stud\$ or retrospective stud\$ or cohort stud\$ or longitudinal stud\$ or cross-sectional

	stud\$ or prospective stud\$ or follow up or case report\$ or comparative study or practice guideline\$ or consensus).mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
28	observational stud\$.mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
29	(non interventional stud\$ or case series or noninvasive estimation).tw.
30	*data collection/ or questionnaires/ or registries/ or medical record/ or database\$.tw.
31	(questionair\$ or registr\$ or questionbase\$).mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
32	26 or 27 or 28 or 29 or 30 or 31
33	25 and 32
34	disease progression/ or disease exacerbation/
35	lung cancer.tw.
36	(dyspnea and (worsening or exacerbation or progression)).mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
37	acute respiratory failure/
38	Respiratory Insufficiency/ and (acut\$ or unexplain\$).mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
39	(exacerbation and acute).tw.
40	(respiratory and (worsening or decline)).mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
41	(smoker\$ or smoking).mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
42	lung tumor/
43	Comorbidity/
44	Death/ or cause of death.tw.
45	Occupational Exposure/ or occupational exposure.tw.
46	sarcoidosis/
47	Diarrhea/
48	*liver diseases/ or hepatic insufficiency/
49	(liver impairment or liver failure or hepatic impairment).tw.
50	DILI.mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
51	hy's law.mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
52	*Liver/en
53	((abnormal or elevated) and (liver enzyme\$ or hepatic enzyme\$)).mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
54	hyperbilirubinemia/
55	((increased or elevated) and bilirubin).mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
56	Wounds, Penetrating/
57	fistula/ or perforation/
58	(fistul\$ or perforation\$ or impaired wound healing).mp.

	[mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
59	Renal Insufficiency/
60	("renal failure" or "kidney failure" or "impaired renal function").mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
61	dehydration/
62	(renal clearance and (decreased or impaired)).mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
63	(dehydration or exsicc\$).mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
64	creatinine clearance/
65	((increased or elevated) and creatinin\$).mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
66	exp Uremia/
67	Hemorrhage/
68	**"embolism and thrombosis"/ or embolism/ or pulmonary embolism/ or thromboembolism/ or "intracranial embolism and thrombosis"/ or venous thromboembolism/ or thrombosis/
69	cerebrovascular disorders/ or brain ischemia/ or "intracranial embolism and thrombosis"/ or stroke/ or brain infarction/
70	("hemorrhagic stroke" or "ischemic stroke" or "cerebral infarct\$" or "cerebral ischemia").mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
71	cardiovascular diseases/ or heart diseases/ or arrhythmias, cardiac/ or atrial fibrillation/ or heart failure/ or myocardial ischemia/ or angina pectoris/ or coronary disease/ or coronary artery disease/ or myocardial infarction/ or heart atrium fibrillation/
72	Heart Failure, Congestive/
73	Hypertension/
74	hematuria/ or proteinuria/ or albuminuria/
75	bacterial infections/ or bacteremia/ or pneumonia, bacterial/ or infection/ or respiratory tract infections/ or sepsis/ or pneumonia/ or interstitial pneumonia/
76	Hypertension, Pulmonary/ or pulmonary hypertension.tw.
77	"high pulmonary artery pressure".mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
78	leukopenia/ or neutropenia/ or pancytopenia/
79	Lung Neoplasms/ or lung tumor/ or pulmonary carcinoma.tw.
80	gastroesophageal reflux/ or gastroesophageal reflux.tw. or reflux esophagitis/
81	chronic obstructive lung disease/ or chronic obstructive bronchitis.tw. or *lung disease/ep
82	Pulmonary Emphysema/ or emphysem\$.mp. [mp=ti, ab, ot, nm, hw, ps, rs, ui, sh, tn, dm, mf, dv, kw]
83	Diabetes Mellitus/
84	obesity/ or Adiposity/ or body mass.tw.

85	sleep apnea syndrome/ or Sleep Apnea, Obstructive/
86	hyperlipidemia/ or Hypercholesterolemia/
87	34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86
88	33 and 87
89	limit 88 to (randomized controlled trial or controlled clinical trial or multicenter study or phase 1 clinical trial or phase 2 clinical trial or phase 3 clinical trial or phase 4 clinical trial) [Limit not valid in Ovid MEDLINE(R),Ovid MEDLINE(R) Daily Update; records were retained]
90	88 not 89
91	limit 90 to (clinical trial, phase i or clinical trial, phase ii or clinical trial, phase iii or clinical trial, phase iv or controlled clinical trial or meta analysis or randomized controlled trial) [Limit not valid in Embase; records were retained]
92	90 not 91
93	comment/ or editorial/ or letter/ or systematic review.tw. or expert opinion.ti.
94	92 not 93
95	limit 94 to english language
96	limit 95 to yr="1990 -Current"
97	remove duplicates from 96