Appendix G. Literature Search Strategy

Search Strategy

Database: Medline <1966 to January 2000>

1	[OMEMastoidOM]	0
2	[OME module]	0
3	otitis media with effusion/	2834
4	otitis media with effusion.mp.	3056
5	(allergic otitis media or fluid ear or glue ear or middle ear effusion or mucoid otitis media or nonsuppurative otitis media or secretory otitis media or serous otitis media or tubotympanitis or tympanic hydrops).mp.	1774
6	((catarrh$ adj otitis) or (exudative adj catarrh$) or hydrotubotympan$ or (tubotympanic adj catarrh$)).mp.	19
7	hydrotubotympan$.mp.	0
8	tympanic hydrops.mp.	0
9	(tympanic and hydrops).mp. [mp=title, abstract, registry number word, mesh subject heading]	26
10	3 or 4 or 5 or 6 or 7 or 8 or 9	3793
11	[Mastoid]	0
12	mastoid/ or mastoid.ti.	2502
13	[OME or Mastoid]	0
14	10 or 12	6190
15	[explode OM]	0
16	exp otitis media/	11895
17	[OME or Mastoid or explode OM]	0
18	10 or 12 or 16	13982
19	[Natural History]	0
20	((cure$ or clear$ or disappear$ or heal$ or improve$ or recover$ or resolve$) adj spontaneous$).mp.	3563
21	(natural course or natural history or placebo$ or resolution or self limit$ or untreated).mp. or placebos/	208132
22	(duration adj5 effusion).mp.	83
23	[The system is UNABLE to search the following terms: "NO", "WITHOUT"]	0
24	20 or 21 or 22	211317
25	[(OME or Mastoid) AND Natural History]	0
26	14 and 24	344
27	[excl-editorial]	0
28	(comment or editorial or letter or practice guideline or review).pt.	1212431
29	26 not 28	313
30	[excl-animal]	0
31	animal/	2955143
32	human/	6660577

33	[substitute final set NOT animal]	0
34	[subsitute final set AND human]	0
35	[OR above two sets]	0
36	29 not 31	285
37	29 and 32	290
38	36 or 37	290
39	[Excl-ageover12]	0
40	adolescence/ or adult/ or middle age/ or aged/	2984241
41	infant, newborn/ or infant/ or child, preschool/ or child/	1108287
42	[substitute final set NOT > 12 years]	0
43	[substitute final set AND 12 years or less]	0
44	[OR above two sets]	0
45	38 not 40	199
46	38 and 41	224
47	45 or 46	253
48	[excl-cleft]	0
49	aural atresia.ti. or cleft palate/ or cystic fibrosis/ or Down syndrome/ or exp Hiv infections/ or immunodeficien$.ti. or immotile cilia syndrome$.ti.	136770
50	47 not 49	247
51	limit 50 to english language	231
52	[Speech and Language]	0
53	American speech-language-hearing association/ or exp audiometry, speech/ or exp child language/ or exp communication/ or communication disorders/	128500
54	exp language/ or language development/ or exp language disorders/ or language tests/ or language therapy/ or exp "rehabilitation of speech and language disorders"/	80623
55	exp speech/ or exp speech disorders/ or speech-language pathology/ or speech perception/ or exp speech production measurement/ or exp voice/ or exp voice disorders/	34953
56	(speech or language).mp,hw.	58421
57	53 or 54 or 55 or 56	164960
58	[(OME or Mastoid or explode OM) AND Speech and Language]	0
59	18 and 57	479
60	[excl-editorial]	0
61	(comment or editorial or letter or practice guideline or review).pt.	1212431
62	59 not 61	389
63	[excl-animal]	0
64	animal/	2955143
65	human/	6660577
66	[substitute final set NOT animal]	0
67	[subsitute final set AND human]	0
68	[OR above two sets]	0
69	62 not 64	383

70	62 and 65	388
71	69 or 70	389
72	[Excl-ageover12]	0
73	adolescence/ or adult/ or middle age/ or aged/	2984241
74	infant, newborn/ or infant/ or child, preschool/ or child/	1108287
75	[substitute final set NOT > 12 years]	0
76	[substitute final set AND 12 years or less]	0
77	[OR above two sets]	0
78	71 not 73	265
79	71 and 74	303
80	78 or 79	345
81	[excl-cleft]	0
82	aural atresia.ti. or cleft palate/ or cystic fibrosis/ or Down syndrome/ or exp Hiv infections/ or immunodeficien$.ti. or immotile cilia syndrome$.ti.	136770
83	80 not 82	299
84	limit 83 to english language	263
85	[Hearing]	0
86	exp hearing/ or exp hearing aids/ or exp hearing disorders/ or exp hearing impaired persons/ or exp hearing tests/ or exp rehabilitation of hearing impaired/	64186
87	hearing.mp,hw.	40614
88	86 or 87	69788
89	[(OME or Mastoid or explode OM) and Hearing]	0
90	18 and 88	3208
91	[excl-editorial]	0
92	(comment or editorial or letter or practice guideline or review).pt.	1212431
93	90 not 92	2938
94	[excl-animal]	0
95	animal/	2955143
96	human/	6660577
97	[substitute final set NOT animal]	0
98	[subsitute final set AND human]	0
99	[OR above two sets]	0
100	93 not 95	2794
101	93 and 96	2840
102	100 or 101	2847
103	[Excl-ageover12]	0
104	adolescence/ or adult/ or middle age/ or aged/	2984241
105	infant, newborn/ or infant/ or child, preschool/ or child/	1108287
106	[substitute final set NOT > 12 years]	0
107	[substitute final set AND 12 years or less]	0
108	[OR above two sets]	0
109	102 not 104	1438
110	102 and 105	1689

111	109 or 110	2223
112	[excl-cleft]	0
113	aural atresia.ti. or cleft palate/ or cystic fibrosis/ or Down syndrome/ or exp Hiv infections/ or immunodeficien$.ti. or immotile cilia syndrome$.ti.	136770
114	111 not 113	2115
115	limit 114 to english language	1638
116	[Diagnosis]	0
117	exp acoustics/du or diagnosis/ or exp diagnosis, computer-assisted/ or diagnosis, differential/ or exp diagnostic errors/ or exp "diagnostic techniques and procedures"/ or exp "laboratory techniques and procedures"/ or nursing diagnosis/	2375966
118	(acoustic reflectomet$ or audiomet$ or diagnosis or diagnostic or otoacoustic emission$ or otoscop$ or tympanomet$ or tympanoscop$).mp.	548679
119	117 or 118	2611782
120	[*Also search Otitis media with effusion/di]	0
121	[(OME or Mastoid) and Diagnosis]	0
122	14 and 119	2324
123	[OME with suheading diagnosis]	0
124	[diagnosis-ome]	0
125	Otitis media with effusion/di [Diagnosis]	454
126	[(OME or Mastoid) and Diagnosis OR OME with subheading diagnosis]	0
127	122 or 125	2445
128	[excl-editorial]	0
129	(comment or editorial or letter or practice guideline or review).pt.	1212431
130	127 not 129	2238
131	[excl-animal]	0
132	animal/	2955143
133	human/	6660577
134	[substitute final set NOT animal]	0
135	[subsitute final set AND human]	0
136	[OR above two sets]	0
137	130 not 132	2087
138	130 and 133	2114
139	137 or 138	2119
140	[Excl-ageover12]	0
141	adolescence/ or adult/ or middle age/ or aged/	2984241
142	infant, newborn/ or infant/ or child, preschool/ or child/	1108287
143	[substitute final set NOT > 12 years]	0
144	[substitute final set AND 12 years or less]	0
145	[OR above two sets]	0
146	139 not 141	1072

147	139 and 142	1323
148	146 or 147	1601
149	[excl-cleft]	0
150	aural atresia.ti. or cleft palate/ or cystic fibrosis/ or Down syndrome/ or exp Hiv infections/ or immunodeficien$.ti. or immotile cilia syndrome$.ti.	136770
151	148 not 150	1542
152	limit 151 to english language	1272
153	[Q1 or Q2 or Q3 or Q4]	0
154	51 or 84 or 115 or 152	2379