

Additional File 1. Systematic review search strategies.

CENTRAL via OVID search strategy

2006-14/04/2011

- #1 MeSH descriptor cleft palate explode all trees 92
- #2 MeSH descriptor cleft lip explode all trees 69
- #3 (cleft* in All Text near/6 palate* in All Text) 176
- #4 (cleft* in All Text near/6 lip* in All Text) 131
- #5 "hare lip*" in All Text 2
- #6 harelip* in All Text 2
- #7 Palatoschisis in All Text 1
- #8 (orofacial* in All Text near/6 cleft* in All Text) 6
- #9 (facial* in All Text near/6 cleft* in All Text) 13
- #10 (face* in All Text near/6 cleft* in All Text) 7
- #11 (#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10) 204
- #12 MeSH descriptor middle ear ventilation explode all trees 200
- #13 MeSH descriptor otitis media explode all trees 820
- #14 grommet* in All Text 72
- #15 (ear in All Text near/6 ventilat* in All Text) 232
- #16 otitis next media in All Text 1527
- #17 (ventilat* in All Text near/6 tube* in All Text) 408
- #18 tympanostom* in All Text 135
- #19 (glue in All Text near/6 ear* in All Text) 65
- #20 (#12 or #13 or #14 or #15 or #16 or #17 or #18 or #19) 1908
- #21 (#11 and #20) 17

CINAHL search strategy

Via OVID (1982 to February Week 2 2006)

- 1 Cleft Palate/ (686)
- 2 Cleft Lip/ (526)
- 3 (cleft\$ adj3 lip\$).tw. (495)
- 4 (cleft\$ adj3 palat\$).tw. (617)
- 5 hare lip\$.tw. (1)
- 6 harelip\$.tw. (0)
- 7 Palatoschisis.tw. (0)
- 8 (orofacial\$ adj3 cleft\$).tw. (29)
- 9 (facial adj3 cleft\$).tw. (40)
- 10 (oral adj3 cleft\$).tw. (49)
- 11 (craniofacial adj3 cleft\$).tw. (47)
- 12 or/1-11 (817)
- 13 Middle Ear Ventilation/ (224)
- 14 exp Otitis Media/ (1259)
- 15 grommet\$.tw. (21)
- 16 (ear\$ adj3 ventilat\$).tw. (80)
- 17 otitis media.tw. (898)
- 18 (ventilat\$ adj3 tube\$).tw. (99)
- 19 tympanostom\$.tw. (90)

- 20 (glue adj3 ear\$.tw. (32)
 21 or/13-20 (1634)
 22 21 and 12 (17)
 23 from 22 keep 1-17 (17)

Via EBSCO (February Week 2 2006 -13/04/2011)

	Cinahl Ovid			Cinahl Ebsco			
	Keyword	Field	Results	Keyword	Field	Results 1982 to current	Results for 1982-Feb 2006
1	Cleft Palate	Thesaurus	686	Cleft Palate	Thesaurus	1436	751
2	Cleft Lip	Thesaurus	526	Cleft Lip	Thesaurus	1099	567
3	cleft\$ adj3 lip\$	Text Word (.tw.)	495	Cleft* N3 lip*	TI, AB,IN	995	530
4	cleft\$ adj3 palat\$	Text Word (.tw.)	617	Cleft* N3 palat*	TI, AB,IN	1232	663
5	hare lip\$	Text Word (.tw.)	1	hare lip*	TI, AB,IN	1	1
6	harelip\$	Text Word (.tw.)	0	Harelip*	TI, AB,IN	0	0
7	Palatoschisis	Text Word (.tw.)	0	Palatoschisis	TI, AB,IN	1	1
8	orofacial\$ adj3 cleft\$	Text Word (.tw.)	29	Orofacial* N3 cleft*	TI, AB,IN	93	33
9	facial adj3 cleft\$	Text Word (.tw.)	40	facial N3 cleft*	TI, AB,IN	69	40
10	oral adj3 cleft\$	Text Word (.tw.)	49	oral N3 cleft*	TI, AB,IN	115	50
11	craniofacial adj3 cleft\$	Text Word (.tw.)	47	craniofacial N3 cleft*	TI, AB,IN	74	45
12	or/1-11		817	or/1-11		1741	889
13	Middle Ear Ventilation	Thesaurus	224	Middle Ear Ventilation	Thesaurus	410	264
14	exp Otitis Media	Thesaurus	1259	exp Otitis Media	Thesaurus	2403	1467
15	grommet\$	Text Word (.tw.)	21	grommet*	TI, AB,IN	49	28
16	ear\$ adj3 ventilat\$	Text Word (.tw.)	80	ear* N3 ventilat*	TI, AB,IN	158	75
17	otitis media	Text Word (.tw.)	898	otitis media	TI, AB,IN	1646	1104
18	ventilat\$ adj3 tube\$	Text Word (.tw.)	99	ventilat* N3 tube*	TI, AB,IN	266	166
19	tympanostom\$	Text Word (.tw.)	90	tympanostom*	TI, AB,IN	171	110
20	glue adj3 ear\$	Text Word (.tw.)	32	glue N3 ear*	TI, AB,IN	42	33
21	or/13-20		1634	or/13-20		3210	
22	21 and 12		17	21 and 12		36	
23	from 22 keep 1-17		17	from 22 keep 1-17			

EMBASE via OVID Search strategy

2006-14/04/2011

- 1 cleft lip/ (3181)
- 2 Cleft Palate/ (5513)
- 3 Cleft Lip Face Palate/ (257)
- 4 Cleft Lip Palate/ (931)
- 5 (cleft\$ adj3 lip\$).tw. (4006)
- 6 (cleft\$ adj3 palat\$).tw. (5885)
- 7 hare lip\$.tw. (23)
- 8 harelip\$.tw. (31)
- 9 Palatoschisis.tw. (25)
- 10 (orofacial\$ adj3 cleft\$).tw. (243)
- 11 (facial adj3 cleft\$).tw. (675)
- 12 (oral adj3 cleft\$).tw. (290)
- 13 (craniofacial adj3 cleft\$).tw. (259)
- 14 or/1-13 (9179)
- 15 middle ear ventilation/ (238)
- 16 exp Otitis Media/ (13078)
- 17 tympanostomy tube/ (1111)
- 18 grommet\$.tw. (305)
- 19 (ear\$ adj3 ventilat\$).tw. (901)
- 20 otitis media.tw. (9424)
- 21 (ventilat\$ adj3 tube\$).tw. (1075)
- 22 tympanostom\$.tw. (640)
- 23 (glue adj3 ear\$).tw. (216)
- 24 or/15-23 (16372)
- 25 14 and 24 (206)
- 26 from 25 keep 1-206 (206)

Medline via OVID search strategy

2006-14/04/2011

- 1 Cleft Palate/ (11628)
- 2 Cleft Lip/ (8131)
- 3 (cleft\$ adj3 lip\$).tw. (6156)
- 4 (cleft\$ adj3 palat\$).tw. (8901)
- 5 hare lip\$.tw. (68)
- 6 harelip\$.tw. (99)
- 7 Palatoschisis.tw. (69)
- 8 (orofacial\$ adj3 cleft\$).tw. (280)
- 9 (facial adj3 cleft\$).tw. (759)
- 10 (oral adj3 cleft\$).tw. (326)
- 11 (craniofacial adj3 cleft\$).tw. (213)
- 12 or/1-11 (15658)

13 Middle Ear Ventilation/ (1469)
14 exp Otitis Media/ (15239)
15 grommet\$.tw. (336)
16 (ear\$ adj3 ventilat\$).tw. (616)
17 otitis media.tw. (10785)
18 (ventilat\$ adj3 tube\$).tw. (1163)
19 tympanostom\$.tw. (651)
20 (glue adj3 ear\$).tw. (273)
21 or/13-20 (18849)
22 21 and 12 (297)
23 exp animals/ not human/ (2948249)
24 22 not 23 (286)
25 22 not 24 (11)
26 from 25 keep 1-11 (11)