

Asthma Living Guideline Search Narrative - Pharmacological Management

January 2006

Searches were carried out for all existing pharmacology key questions, using the following search strategies, combined with the RCT filter. The results from the child and the sodium cromoglycate searches were then combined with the main search. The searches covered Sept-December 2004 and all of 2005.

Databases covered:

- Cochrane Central Register of Controlled Trials
- Embase
- Medline

Main strategies:

Database: Ovid MEDLINE(R) < 1999 to November Week 3 2005 >

Search Strategy:

1 exp ASTHMA/ (20679)
2 asthma.tw. (23047)
3 1 or 2 (26644)
4 exp ASTHMA/dt [Drug Therapy] (6221)
5 exp OSTEOPOROSIS/ (10697)
6 osteoporos\$.tw. (11718)
7 exp HYPERTENSION/ (32180)
8 blood pressure.tw. (40142)
9 exp child/ (236280)
10 exp GROWTH/ (133919)
11 9 and 10 (9118)
12 exp Child Development/ (6587)
13 (growth adj2 child\$.tw. (1846)
14 child growth.tw. (122)
15 child development.tw. (597)
16 or/12-15 (8546)
17 adrenal suppression.tw. (161)
18 exp Gastrointestinal Diseases/ (120051)
19 gastrointestinal.tw. (29802)
20 or/17-19 (137437)
21 or/5-8 (72815)
22 20 or 21 (208945)
23 11 or 16 (16572)
24 22 or 23 (224498)
25 3 and 24 (1411)
26 4 and 24 (365)
27 25 or 26 (1411)
28 exp ASTHMA/ (20679)
29 asthma.tw. (23047)
30 28 or 29 (26644)

File name : SIGN101_2006_Pharmacological_search_narrative	Version 0.1	16/01/2012
Produced by:	Page 1 of 13	Review date:

31 exp ASTHMA/dt (6221)
 32 uncontrolled asthma.tw. (30)
 33 acute asthma.tw. (707)
 34 life threatening asthma.tw. (51)
 35 near fatal asthma.tw. (60)
 36 severe asthma.tw. (1066)
 37 exp Acute Disease/ (36300)
 38 exp ASTHMA/ (20679)
 39 37 and 38 (742)
 40 exp Status Asthmaticus/ (215)
 41 or/32-36 (1770)
 42 or/39-41 (2213)
 43 exp Critical Illness/ (3734)
 44 38 and 43 (8)
 45 42 or 44 (2216)
 46 exp IPRATROPIUM/ (296)
 47 ipratropium bromide.tw. (265)
 48 46 or 47 (398)
 49 30 and 48 (157)
 50 31 and 48 (111)
 51 49 or 50 (157)
 52 51 not 45 (87)
 53 exp ASTHMA/ (20679)
 54 asthma.tw. (23047)
 55 53 or 54 (26644)
 56 exp ASTHMA/dt (6221)
 57 exp Anti-Asthmatic Agents/ (43716)
 58 exp Adrenergic beta-Agonists/ (12708)
 59 exp THEOPHYLLINE/ (2525)
 60 exp Cholinergic Antagonists/ (9505)
 61 exp Cromolyn Sodium/ (289)
 62 exp Leukotriene Antagonists/ (1100)
 63 exp Immunosuppressive Agents/ (44064)
 64 or/57-63 (97339)
 65 steroid\$.tw. (33525)
 66 (beta2 agonist\$ or beta 2-agonist\$.tw. (1275)
 67 anticholinergic\$.tw. (1563)
 68 anti-cholinergic\$.tw. (68)
 69 exp Bronchodilator Agents/ (39059)
 70 inhaler\$.tw. (1653)
 71 bronchodilator\$.tw. (1785)
 72 exp "Nebulizers and Vaporizers"/ (2275)
 73 exp Administration, Inhalation/ (6966)
 74 exp Anti-Inflammatory Agents/ (67343)
 75 exp Dose-Response Relationship, Drug/ (84551)
 76 theophylline\$.tw. (1716)
 77 or/65-76 (209005)
 78 64 or 77 (251401)
 79 exp Histamine Agonists/ (348)
 80 histamine h2 agonists.tw. (2)
 81 exp Gastroesophageal Reflux/ (5413)
 82 exp Antifungal Agents/ (29612)

File name : SIGN101_2006_Pharmacological_search_narrative	Version 0.1	16/01/2012
Produced by:	Page 2 of 13	Review date:

83 anti-fungal drug\$.tw. (31)
 84 (antifungal drug\$ or anti fungal drug\$.tw. (765)
 85 exp ASPIRIN/ (6417)
 86 aspirin.tw. (7381)
 87 exp ASPERGILLOSIS, ALLERGIC BRONCHOPULMONARY/ (321)
 88 ((bronchopulmonary adj2 aspergillosis) and allergic).tw. (239)
 89 exp PREDNISOLONE/ (7349)
 90 prednisolone.tw. (3725)
 91 deflazacort.tw. (78)
 92 exp Triamcinolone Acetonide/ (663)
 93 kenalog.tw. (21)
 94 antihistamin\$3.tw. (1769)
 95 exp Histamine H1 Antagonists/ (4023)
 96 anti-histamin\$3.tw. (86)
 97 exp KETOTIFEN/ (146)
 98 ketotifen.tw. (185)
 99 or/79-98 (59007)
 100 78 or 99 (279992)
 101 55 and 100 (9679)
 102 56 and 100 (5302)
 103 101 or 102 (9679)
 104 exp ASTHMA/ (20679)
 105 asthma.tw. (23047)
 106 104 or 105 (26644)
 107 exp ASTHMA/dt (6221)
 108 106 or 107 (26644)
 109 exp Adrenal Cortex Hormones/ (22867)
 110 corticosteroid\$.tw. (15199)
 111 exp STEROIDS/ (99806)
 112 steroid\$.tw. (33525)
 113 or/109-112 (129060)
 114 exp Body Height/ (4906)
 115 height.tw. (18231)
 116 growth.tw. (193758)
 117 exp GROWTH/ (133919)
 118 or/114-117 (299623)
 119 113 and 118 (18917)
 120 108 and 119 (321)
 121 exp ASTHMA/ (20679)
 122 asthma.tw. (23047)
 123 121 or 122 (26644)
 124 exp ASTHMA/dt (6221)
 125 exp Receptors, Adrenergic, beta-2/ (1315)
 126 (beta2 agonists\$ or beta 2-agonist\$.tw. (1015)
 127 125 or 126 (2197)
 128 123 and 127 (876)
 129 124 and 127 (607)
 130 128 or 129 (876)
 131 exp Bronchodilator Agents/ (39059)
 132 bronchodilator\$.tw. (1785)
 133 131 or 132 (39821)
 134 130 and 133 (474)

File name : SIGN101_2006_Pharmacological_search_narrative	Version 0.1	16/01/2012
Produced by:	Page 3 of 13	Review date:

135 exp ASTHMA/ (20679)
 136 asthma.tw. (23047)
 137 135 or 136 (26644)
 138 exp PREDNISOLONE/ (7349)
 139 prednisolone.tw. (3725)
 140 138 or 139 (9124)
 141 deflazacort.tw. (78)
 142 140 and 141 (18)
 143 exp Triamcinolone Acetonide/ (663)
 144 kenalog.tw. (21)
 145 143 or 144 (671)
 146 140 and 145 (25)
 147 142 or 146 (43)
 148 137 and 147 (2)
 149 exp ASTHMA/ (20679)
 150 asthma.tw. (23047)
 151 149 or 150 (26644)
 152 alternate day\$.tw. (683)
 153 alternate daily.tw. (11)
 154 alternative day\$.tw. (12)
 155 alternative daily.tw. (23)
 156 or/152-155 (722)
 157 151 and 156 (7)
 158 exp ASTHMA/ (20679)
 159 asthma.tw. (23047)
 160 158 or 159 (26644)
 161 exp ASPERGILLOSIS, ALLERGIC BRONCHOPULMONARY/ (321)
 162 bronchopulmonary aspergillosis.tw. (244)
 163 161 or 162 (379)
 164 160 and 163 (125)
 165 exp Antifungal Agents/ (29612)
 166 fungicide\$.tw. (1043)
 167 anti fungal\$.tw. (261)
 168 or/165-167 (30671)
 169 exp Administration, Oral/ (22858)
 170 oral.tw. (76721)
 171 exp Administration, Inhalation/ (6966)
 172 inhalation.tw. (7903)
 173 inhaler\$.tw. (1653)
 174 exp "Nebulizers and Vaporizers"/ (2275)
 175 or/169-174 (97810)
 176 exp STEROIDS/ (99806)
 177 steroid\$.tw. (33525)
 178 or/176-177 (118381)
 179 175 and 178 (10138)
 180 168 or 179 (40452)
 181 164 and 180 (28)
 182 exp ASTHMA/ (20679)
 183 asthma.tw. (23047)
 184 182 or 183 (26644)
 185 exp ASPIRIN/ (6417)
 186 aspirin.tw. (7381)

File name : SIGN101_2006_Pharmacological_search_narrative	Version 0.1	16/01/2012
Produced by:	Page 4 of 13	Review date:

187 185 or 186 (9758)
 188 184 and 187 (391)
 189 exp ASTHMA/ (20679)
 190 asthma.tw. (23047)
 191 189 or 190 (26644)
 192 exp TERBUTALINE/ (363)
 193 terbutaline.tw. (438)
 194 bricanyl.tw. (12)
 195 or/192-194 (521)
 196 subcutaneous.tw. (17344)
 197 195 and 196 (26)
 198 exp Injections, Subcutaneous/ (6391)
 199 195 and 198 (10)
 200 197 or 199 (29)
 201 191 and 200 (8)
 202 exp ASTHMA/ (20679)
 203 asthma.tw. (23047)
 204 202 or 203 (26644)
 205 exp GASTROESOPHAGEAL REFLUX/ (5413)
 206 gastro esophageal reflux.tw. (226)
 207 gastroesophageal reflux.tw. (3436)
 208 or/205-207 (6227)
 209 204 and 208 (409)
 210 exp Histamine H2 Antagonists/ (2107)
 211 h2 antagonist\$.tw. (164)
 212 proton pump inhibitor\$.tw. (2348)
 213 or/210-212 (4144)
 214 209 and 213 (55)
 215 exp ASTHMA/ (20679)
 216 asthma.tw. (23047)
 217 215 or 216 (26644)
 218 exp ASTHMA/dt (6221)
 219 seretide.tw. (24)
 220 salmeterol.tw. (554)
 221 fluticasone.tw. (934)
 222 220 and 221 (193)
 223 219 or 222 (196)
 224 symbicort.tw. (40)
 225 exp BUDESONIDE/ (1175)
 226 budesonide.tw. (1200)
 227 225 or 226 (1453)
 228 formoterol.tw. (395)
 229 227 and 228 (108)
 230 or/219,223-224,229 (275)
 231 217 and 230 (215)
 232 218 and 230 (187)
 233 231 and 232 (187)
 234 exp ASTHMA/ (20679)
 235 asthma.tw. (23047)
 236 234 or 235 (26644)
 237 exp ASTHMA/dt (6221)
 238 fluticasone.tw. (934)

File name : SIGN101_2006_Pharmacological_search_narrative	Version 0.1	16/01/2012
Produced by:	Page 5 of 13	Review date:

239 exp BUDESONIDE/ (1175)
 240 budesonide.tw. (1200)
 241 239 or 240 (1453)
 242 exp BECLOMETHASONE/ (606)
 243 beclometasone dipropionate.tw. (28)
 244 beclomethasone.tw. (610)
 245 or/242-244 (808)
 246 mometasone.tw. (171)
 247 hfa-bdp.tw. (47)
 248 238 and (or/241,245-247) (312)
 249 241 and (or/238,245-247) (319)
 250 245 and (or/238,241,246-247) (302)
 251 246 and (or/238,241,245,247) (72)
 252 247 and (or/238,241,245-246) (47)
 253 or/248-252 (453)
 254 Comparative Study/ (366913)
 255 compar\$.tw. (674413)
 256 254 or 255 (852696)
 257 253 and 256 (295)
 258 236 and 257 (217)
 259 237 and 257 (193)
 260 258 or 259 (217)
 261 exp ASTHMA/ (20679)
 262 asthma.tw. (23047)
 263 261 or 262 (26644)
 264 exp ASTHMA/dt (6221)
 265 anti-ige monoclonal antibod\$.tw. (22)
 266 anti-ige antibod\$.tw. (150)
 267 rhumab E25.tw. (27)
 268 or/265-267 (178)
 269 263 and 268 (90)
 270 264 and 268 (35)
 271 269 or 270 (90)
 272 27 or 52 or 103 or 120 or 134 or 148 or 157 or 181 or 188 or 201 or 214 or 233
 or 260 or 271 (10422)

Database: EMBASE <1996 to 2005 Week 53>

Search Strategy:

1 exp ASTHMA/ (40449)
 2 asthma.tw. (32402)
 3 1 or 2 (44452)
 4 exp ASTHMA/dt (15187)
 5 3 or 4 (44452)
 6 exp OSTEOPOROSIS/ (22072)
 7 exp HYPERTENSION/ (97541)
 8 osteoporo\$.tw. (16026)
 9 blood pressure.tw. (58439)
 10 or/6-9 (154100)
 11 exp Child Growth/ (3620)
 12 exp Child Development/ (5847)
 13 (growth adj2 child\$.tw. (2595)

File name : SIGN101_2006_Pharmacological_search_narrative	Version 0.1	16/01/2012
Produced by:	Page 6 of 13	Review date:

14 child growth.tw. (129)
 15 child development.tw. (613)
 16 or/11-15 (10867)
 17 exp Adrenal Suppression/ (534)
 18 adrenal suppression.tw. (223)
 19 exp Gastrointestinal Disease/ (8966)
 20 gastrointestinal.tw. (42036)
 21 or/17-20 (47944)
 22 or/10-11,21 (202747)
 23 5 and 22 (2826)
 24 exp CORTICOSTEROID/ (155905)
 25 corticosteroid\$.tw. (22931)
 26 exp STEROID/ (177295)
 27 steroid\$.tw. (49064)
 28 or/24-27 (256120)
 29 exp Body Height/ (8971)
 30 height.tw. (23539)
 31 growth.tw. (251970)
 32 exp GROWTH/ (215520)
 33 or/29-32 (389652)
 34 28 and 33 (27286)
 35 4 and 34 (597)
 36 exp Cholinergic Receptor Affecting Agent/ (49976)
 37 exp Anticholinergic Effect/ (1534)
 38 exp Beta Adrenergic Receptor Stimulating Agent/ (44461)
 39 exp THEOPHYLLINE/ (8109)
 40 exp Inhalational Drug Administration/ (7369)
 41 exp Leukotriene Receptor Blocking Agent/ (4697)
 42 exp Cromoglycate Disodium/ (3345)
 43 exp Adrenergic Receptor Stimulating Agent/ (91947)
 44 exp Antiasthmatic Agent/ (45568)
 45 exp INHALER/ (3293)
 46 exp Antiinflammatory Agent/ (253010)
 47 exp Immunosuppressive Agent/ (127564)
 48 exp Bronchodilating Agent/ (32124)
 49 exp Dose Response/ (107203)
 50 exp NEBULIZER/ (1884)
 51 exp CORTICOSTEROID/ (155905)
 52 or/36-51 (520950)
 53 steroid\$.tw. (49064)
 54 (beta2 agonist\$ or beta 2-agonist\$).tw. (1963)
 55 anticholinergic\$.tw. (2586)
 56 anti-cholinergic\$.tw. (104)
 57 inhaler\$.tw. (2589)
 58 theophylline\$.tw. (3191)
 59 bronchodilator\$.tw. (2831)
 60 or/53-59 (59766)
 61 exp Histamine Agonist/ (9686)
 62 histamine h2 agonist.tw. (7)
 63 exp Gastroesophageal Reflux/ (9494)
 64 exp Antifungal Agent/ (62776)
 65 anti-fungal drug\$.tw. (45)

File name : SIGN101_2006_Pharmacological_search_narrative	Version 0.1	16/01/2012
Produced by:	Page 7 of 13	Review date:

66 (antifungal drug\$ or anti fungal drug\$.tw. (1061)
 67 exp Acetylsalicylic Acid/ (38168)
 68 aspirin.tw. (20094)
 69 exp Lung Aspergillosis/ (1121)
 70 ((bronchopulmonary adj2 aspergillosis) and allergic).tw. (346)
 71 exp PREDNISOLONE/ (22361)
 72 prednisolone.tw. (5446)
 73 exp DEFLAZACORT/ (525)
 74 deflazacort.tw. (144)
 75 exp Triamcinolone Acetonide/ (2476)
 76 kenalog.tw. (228)
 77 antihistamin\$3.tw. (3039)
 78 exp Antihistaminic Agent/ (40257)
 79 anti-histamin\$3.tw. (181)
 80 exp Histamine H1 Receptor Antagonist/ (21653)
 81 exp KETOTIFEN/ (864)
 82 ketotifen.tw. (381)
 83 or/61-82 (170800)
 84 or/52,60,83 (612216)
 85 5 and 84 (22394)
 86 uncontrolled asthma.tw. (56)
 87 acute asthma.tw. (1062)
 88 life threatening asthma.tw. (65)
 89 near fatal asthma.tw. (82)
 90 severe asthma.tw. (1591)
 91 exp Acute Disease/ (9341)
 92 exp ASTHMA/ (40449)
 93 91 and 92 (322)
 94 exp Asthmatic State/ (297)
 95 or/86-90 (2627)
 96 or/93-95 (3013)
 97 exp Critical Illness/ (8449)
 98 92 and 97 (65)
 99 96 or 98 (3056)
 100 exp Ipratropium Bromide/ (2602)
 101 ipratropium bromide.tw. (380)
 102 100 or 101 (2642)
 103 5 and 102 (1288)
 104 103 not 99 (952)
 105 exp Beta 2 Adrenergic Receptor Stimulating Agent/ (4585)
 106 (beta2 agonist\$ or beta 2-agonist\$.tw. (1963)
 107 105 or 106 (5334)
 108 5 and 107 (3380)
 109 exp Bronchodilating Agent/ (32124)
 110 bronchodilator\$.tw. (2831)
 111 109 or 110 (32697)
 112 108 and 111 (2403)
 113 exp Bronchopulmonary Aspergilloma/ (388)
 114 bronchopulmonary aspergillos\$.tw. (354)
 115 113 or 114 (498)
 116 3 and 115 (200)
 117 exp Antifungal Agent/ (62776)

File name : SIGN101_2006_Pharmacological_search_narrative	Version 0.1	16/01/2012
Produced by:	Page 8 of 13	Review date:

118 fungicide\$.tw. (1158)
 119 anti fungal\$.tw. (371)
 120 or/117-119 (63110)
 121 exp Oral Drug Administration/ (53790)
 122 oral.tw. (100405)
 123 inhalation.tw. (12271)
 124 inhaler\$.tw. (2589)
 125 exp NEBULIZER/ (1884)
 126 exp Inhalational Drug Administration/ (7369)
 127 or/121-126 (155790)
 128 exp STEROID/ (177295)
 129 steroid\$.tw. (49064)
 130 128 or 129 (195512)
 131 127 and 130 (19569)
 132 120 or 131 (81338)
 133 116 and 132 (73)
 134 exp Acetylsalicylic Acid/ (38168)
 135 aspirin.tw. (20094)
 136 134 or 135 (39377)
 137 3 and 136 (1246)
 138 exp FLUTICASONE/ (1770)
 139 fluticasone.tw. (1257)
 140 138 or 139 (2737)
 141 exp BECLOMETASONE/ (1958)
 142 beclomethasone.tw. (985)
 143 beclometasone dipropionate.tw. (33)
 144 exp Beclometasone Dipropionate/ (2363)
 145 or/141-144 (4180)
 146 exp Mometasone Furoate/ (976)
 147 mometasone.tw. (278)
 148 146 or 147 (982)
 149 exp BUDESONIDE/ (5449)
 150 budesonide.tw. (1814)
 151 149 or 150 (5539)
 152 hfa-bdp.tw. (61)
 153 140 and (or/145,148,151-152) (1560)
 154 145 and (or/140,148,151-152) (2248)
 155 148 and (or/140,145,151-152) (464)
 156 151 and (or/140,145,148,152) (2392)
 157 152 and (or/140,145,148,151) (61)
 158 or/153-157 (2767)
 159 exp Comparative Study/ (125032)
 160 compar\$.tw. (904762)
 161 159 or 160 (938594)
 162 158 and 161 (754)
 163 5 and 162 (581)
 164 anti-ige monoclonal antibod\$.tw. (32)
 165 anti-ige antibod\$.tw. (235)
 166 rhumab E25.tw. (34)
 167 or/164-166 (275)
 168 5 and 167 (130)
 169 exp PREDNISOLONE/ (22361)

File name : SIGN101_2006_Pharmacological_search_narrative	Version 0.1	16/01/2012
Produced by:	Page 9 of 13	Review date:

170 prednisolone.tw. (5446)
 171 169 or 170 (23269)
 172 deflazacort.tw. (144)
 173 exp DEFLAZACORT/ (525)
 174 172 or 173 (529)
 175 171 and 174 (129)
 176 exp Triamcinolone Acetonide/ (2476)
 177 kenalog.tw. (228)
 178 176 or 177 (2479)
 179 171 and 178 (290)
 180 175 or 179 (415)
 181 3 and 180 (58)
 182 alternate day\$.tw. (991)
 183 alternate daily.tw. (11)
 184 alternative day\$.tw. (24)
 185 alternative daily.tw. (24)
 186 or/182-185 (1042)
 187 3 and 186 (15)
 188 exp GASTROESOPHAGEAL REFLUX/ (9494)
 189 gastro esophageal reflux.tw. (317)
 190 gastroesophageal reflux.tw. (4429)
 191 or/188-190 (9958)
 192 3 and 191 (795)
 193 exp Histamine H2 Receptor Antagonist/ (15957)
 194 h2 antagonist\$.tw. (440)
 195 proton pump inhibitor\$.tw. (3198)
 196 or/193-195 (17933)
 197 192 and 196 (222)
 198 seretide.tw. (168)
 199 salmeterol.tw. (910)
 200 exp SALMETEROL/ (2310)
 201 199 or 200 (2498)
 202 exp FLUTICASONE/ (1770)
 203 fluticasone.tw. (1257)
 204 202 or 203 (2737)
 205 201 and 204 (753)
 206 symbicort.tw. (155)
 207 exp BUDESONIDE/ (5449)
 208 budesonide.tw. (1814)
 209 207 or 208 (5539)
 210 exp FORMOTEROL/ (1398)
 211 formoterol.tw. (584)
 212 210 or 211 (1502)
 213 209 and 212 (647)
 214 or/198,205-206,213 (1281)
 215 5 and 214 (1014)
 216 exp TERBUTALINE/ (2496)
 217 terbutaline.tw. (720)
 218 bricanyl.tw. (312)
 219 or/216-218 (2613)
 220 subcutaneous.tw. (24817)

File name : SIGN101_2006_Pharmacological_search_narrative	Version 0.1	16/01/2012
Produced by:	Page 10 of 13	Review date:

221 219 and 220 (62)
 222 exp Subcutaneous Drug Administration/ (16525)
 223 219 and 222 (81)
 224 221 or 223 (133)
 225 3 and 224 (56)
 226 ciclesonide\$.tw. (68)
 227 exp CICLESONIDE/ (161)
 228 226 or 227 (169)
 229 3 and 228 (141)
 230 exp RHINITIS/ (12730)
 231 exp SINUSITIS/ (6693)
 232 230 or 231 (17512)
 233 3 and 232 (5289)
 234 or/23,35,85,104,112,133,137,163,168,181,187,197,215,225,229,233 (26138)
 235 limit 234 to yr="2005" (2981)

Asthma Child search strategies:

Database: Ovid MEDLINE(R) < 1996 to November Week 3 2005 >

Search Strategy:

1 exp ASTHMA/ (28334)
 2 asthma.tw. (30972)
 3 1 or 2 (36118)
 4 exp ASTHMA/dt [Drug Therapy] (8572)
 5 3 or 4 (36118)
 6 child\$.tw. (222162)
 7 infant\$3.tw. (64953)
 8 paediatric\$.tw. (10744)
 9 pediatric\$.tw. (43910)
 10 or/6-9 (286125)
 11 limit 5 to ("all infant (birth to 23 months)" or "all child (0 to 18 years)" or "infant (1 to 23 months)" or "preschool child (2 to 5 years)" or "child (6 to 12 years)") (13538)
 12 5 and 10 (8787)
 13 11 or 12 (14501)
 14 exp Adrenergic beta-Agonists/ (19402)
 15 exp IPRATROPIUM/ (421)
 16 (beta2 agonist\$ or beta 2-agonist\$).tw. (1750)
 17 exp THEOPHYLLINE/ (4115)
 18 ipratropium bromide.tw. (369)
 19 exp Dose-Response Relationship, Drug/ (109381)
 20 exp Bronchodilator Agents/ (56285)
 21 bronchodilator\$.tw. (2552)
 22 theophylline\$.tw. (2771)
 23 exp THEOPHYLLINE/ (4115)
 24 exp Administration, Inhalation/ (9834)
 25 inhalation.tw. (11431)
 26 inhaler\$.tw. (2210)
 27 exp "Nebulizers and Vaporizers"/ (3181)
 28 or/24-27 (19845)
 29 28 and (14 or 16) (2360)

File name : SIGN101_2006_Pharmacological_search_narrative	Version 0.1	16/01/2012
Produced by:	Page 11 of 13	Review date:

- 30 29 and (22 or 23) (152)
- 31 or/14-23,30 (166935)
- 32 13 and 31 (2813)

Database: EMBASE <1996 to 2005 Week 53 >
 Search Strategy:

-
- 1 exp ASTHMA/ (40449)
 - 2 asthma.tw. (32402)
 - 3 1 or 2 (44452)
 - 4 exp ASTHMA/dt (15187)
 - 5 3 or 4 (44452)
 - 6 limit 5 to (infant <to one year> or child <unspecified age> or preschool child <1 to 6 years> or school child <7 to 12 years> or adolescent <13 to 17 years>) (10134)
 - 7 child\$.tw. (185247)
 - 8 infant\$.tw. (61807)
 - 9 paediatric\$.tw. (11715)
 - 10 pediatric\$.tw. (43573)
 - 11 or/7-10 (250718)
 - 12 5 and 11 (8998)
 - 13 6 or 12 (12518)
 - 14 exp Beta Adrenergic Receptor Stimulating Agent/ (44461)
 - 15 exp Ipratropium Bromide/ (2602)
 - 16 ipratropium bromide.tw. (380)
 - 17 exp THEOPHYLLINE/ (8109)
 - 18 exp Dose Response/ (107203)
 - 19 (beta2 agonist\$ or beta 2-agonist\$.tw. (1963)
 - 20 exp Bronchodilating Agent/ (32124)
 - 21 bronchodilator\$.tw. (2831)
 - 22 theophylline\$.tw. (3191)
 - 23 or/14-19 (153025)
 - 24 exp Inhalational Drug Administration/ (7369)
 - 25 inhalation.tw. (12271)
 - 26 inhaler\$.tw. (2589)
 - 27 exp NEBULIZER/ (1884)
 - 28 or/24-27 (20932)
 - 29 28 and (14 or 19) (4312)
 - 30 29 and (17 or 22) (769)
 - 31 23 or 30 (153025)
 - 32 13 and 31 (3021)

Sodium Cromoglycate strategies:

Database: Ovid MEDLINE(R) <1999 to November Week 3 2005 >
 Search Strategy:

-
- 1 exp ASTHMA/ (20679)
 - 2 asthma.tw. (23047)
 - 3 1 or 2 (26644)
 - 4 exp Cromolyn Sodium/ (289)

File name : SIGN101_2006_Pharmacological_search_narrative	Version 0.1	16/01/2012
Produced by:	Page 12 of 13	Review date:

- 5 sodium cromoglycate.tw. (119)
- 6 sodium cromoglicate.tw. (12)
- 7 cromoglicate disodium.tw. (0)
- 8 cromoglycate disodium.tw. (0)
- 9 dcsq.tw. (0)
- 10 cromone\$.tw. (34)
- 11 or/4-10 (370)
- 12 3 and 11 (169)

Database: EMBASE <1996 to 2005 Week 53 >

Search Strategy:

- 1 exp Asthma/ (40449)
- 2 asthma.tw. (32402)
- 3 1 or 2 (44452)
- 4 exp Cromoglycate Disodium/ (3345)
- 5 cromolyn sodium.tw. (169)
- 6 sodium cromoglicate.tw. (19)
- 7 sodium cromoglycate.tw. (235)
- 8 dcsq.tw. (0)
- 9 cromone\$.tw. (63)
- 10 or/4-9 (3397)
- 11 2 and 10 (1652)

Search results:

Total hits:

Pre-sifted result:

Sifted result:

Main: 1005

Child: 68

File name : SIGN101_2006_Pharmacological_search_narrative	Version 0.1	16/01/2012
Produced by:	Page 13 of 13	Review date: