

1 **Supplementary Material 2 – Search strategies**

2 Database: Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations,

3 Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to December 20, 2019

4 Search Title: Asthma-Parental-Info_TREKK_1

5 Search Strategy:

#	Searches	Results
1	exp asthma/pc, th, dt	55251
2	(asthma* and exacerbat*).ti,ab.	12514
3	((acute or attack*) adj2 asthma*).ti,ab.	7694
4	(asthma* adj1 manag*).ti,ab.	3766
5	or/1-4 [MeSH & keywords for acute asthma management]	66655
6	Adolescent/	1978715
7	Child/	1650591
8	Infant/	775609
9	Minor/	2549
10	Pediatrics/	52436
11	p?ediatric.ti,ab.	299699

12	newborn*.ti,ab.	157678
13	(baby* or babies*).ti,ab.	70520
14	infant*.ti,ab.	392112
15	toddler*.ti,ab.	10439
16	(pre?schooler* or pre schooler*).ti,ab.	6851
17	(school?child* or school child*).ti,ab.	34969
18	(school?age* or school age*).ti,ab.	21539
19	nursery school*.ti,ab.	1073
20	kindergar*.ti,ab.	6530
21	(primary school* or grade school*).ti,ab.	12665
22	secondary school*.ti,ab.	10022
23	elementary school*.ti,ab.	9545
24	(high school* or highschool*).ti,ab.	30982
25	child*.ti,ab.	1338445
26	(kid or kids).ti,ab.	7491
27	prepubescen*.ti,ab.	974
28	pubescen*.ti,ab.	2257

29	pubert*.ti,ab.	36749
30	adolescen*.ti,ab.	265441
31	teenage*.ti,ab.	20592
32	boy*.ti,ab.	149619
33	girl*.ti,ab.	144244
34	(minor or minors).ti,ab.	220153
35	or/6-34 [CHILD FILTER]	4071610
36	caregivers/	34611
37	family/	74256
38	mothers/	41714
39	mother-child relations/	19929
40	fathers/	8728
41	father-child relations/	3548
42	exp parents/	108292
43	parent-child relations/	33019
44	parenting/	15964
45	legal guardians/	2032

46	(care giver* or caregiver* or carer* or guardian*).tw,kf.	82260
47	(families* or family* or father* or mother* or parent*).tw,kf.	1420198
48	or/36-47 [CAREGIVER FILTER]	1526678
49	Attitude to Health/	82476
50	Caregivers/ed, px	22618
51	exp Consumer Health Information/	8592
52	Decision Making/	92026
53	Evidence-based practice/	9540
54	Focus Groups/	28283
55	Health Education/	59700
56	Health Knowledge, Attitudes, Practice/	107118
57	exp Information Literacy/	5374
58	Information Seeking Behavior/	2200
59	Information Services/	15438
60	Parents/ed, px	32484
61	exp "Patient Acceptance of Health Care"/	146261
62	Patient Compliance/	56630

63	"Patient Education as Topic"/	83635
64	Patient Participation/	24902
65	Patient Satisfaction/	79427
66	Personal Satisfaction/	17904
67	"Quality of Life"/	185700
68	"Retention (Psychology)"/	8476
69	"Surveys and Questionnaires"/	445166
70	Life Change events/	22419
71	(adhere* or nonadhere*).tw,kf.	180359
72	attitude*.tw,kf.	145676
73	belie*.tw,kf.	284901
74	(complan* or comply or noncomplan*).tw,kf.	138970
75	focus group*.tw,kf.	43792
76	health litera*.tw,kf.	11456
77	inform*.ab. /freq=3	114943
78	interview*.tw,kf.	342638
79	know*.ab. /freq=3	78579

80	misconce*.tw,kf.	9313
81	opinion*.tw,kf.	98405
82	participat*.tw,kf.	513854
83	perspective*.tw,kf.	301439
84	prefer*.tw,kf.	440314
85	QoL.tw,kf.	36407
86	quality of life.tw,kf.	266491
87	questionnaire*.tw,kf.	488931
88	satisf*.tw,kf.	319978
89	or/49-88 [PATIENT PREFERENCES]	3377381
90	North America/	19774
91	exp United States/	1322416
92	exp Canada/	154230
93	(canada or united states).cp.	12821957
94	(Alberta* or British Columbia* or Colombie Britannique* or Ile du Prince Edouard* or Labrador* or Manitoba* or New Brunswick* or Newfoundland* or Northwest Territories* or Nouveau Brunswick*).tw,kf,ia,in,pl.	228639

95	(Calgar* or Edmonton* or Montreal* or Ottawa* or Toronto* or Vancouver* or Winnipeg*).tw,kf,ia,in,pl.	540765
96	(canad* or united states or USA).tw,kf,ia,in,pl.	5445411
97	(First Nation* or Metis).tw,kf,ia,in,pl.	4861
98	(North America* or Northamerica*).ti.	10310
99	(Nouvelle Ecosse or Nova Scotia* or Nun?v?t or NWT* or Ontario* or Prince Edward Island* or PEI* or Quebec* or Saskatchewan* or Terre Neuve* or Territoires du Nord Ouest or Yukon*).tw,kf,ia,in,pl.	461189
100	(Alabama* or Alaska* or Arizona* or Arkansas* or California* or Colorad* or Connecticut* or Delawar* or Florid* or Georgia* or Hawaii* or Idaho* or Illinois* or Indiana* or Iowa* or Kansas* or Kentuck* or Louisian* or Maine* or Maryland* or Massachusetts* or Michigan* or Minnesota* or Mississippi* or Missouri* or Montana* or Nebraska* or Nevada* or New Hampshire* or New Jersey* or New Mexic* or New York* or North Carolin* or North Dakota* or Ohio* or Oklahoma* or Oregon* or Pennsylvania* or Rhode Island* or South Carolin* or South Dakota* or Tennessee* or Texas* or Texan* or Utah* or Vermont* or Virginia* or Washington* or West Virginia* or Wisconsin* or Wyoming*).tw,kf,ia,in,pl.	4761506
101	or/90-100 [US & Canada filter]	15274282
102	5 and 35 and 48 and 89 and 101	1628

103	limit 102 to (yr="2002 -Current" and (english or french))	1260
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7 Database: CINAHL Plus with Full Text via EBSCOhost

8 Search Title: Asthma-Parental-Info_TREKK_2

9 Search Strategy:

#	Query	Results
	S5 AND S35 AND S36 AND S42 AND S53	
	Limiters - Published Date: 20020101-20191231; Language:	
S54	English, French	641
	S43 OR S44 OR S45 OR S46 OR S47 OR S48 OR S49 OR S50	
S53	OR S51 OR S52	982,594
	Alabama* or Alaska* or Arizona* or Arkansas* or California* or Colorad* or Connecticut* or Delawar* or Florid* or Georgia* or Hawaii* or Idaho* or Illinois* or Indiana* or Iowa* or Kansas* or Kentuck* or Louisian* or Maine* or Maryland* or Massachusetts* or Michigan* or Minnesota* or Mississippi* or Missouri* or Montana* or Nebraska* or Nevada* or New Hampshire* or New Jersey* or New Mexic* or New York* or S52 North Carolin* or North Dakota* or Ohio* or Oklahoma* or	396,049

Oregon* or Pennsylvania* or Rhode Island* or South Carolin*
 or South Dakota* or Tennessee* or Texas* or Texan* or Utah*
 or Vermont* or Virginia* or Washington* or West Virginia* or
 Wisconsin* or Wyoming*

Nouvelle Ecosse or Nova Scotia* or Nun#v##t or NWT* or
 Ontario* or Prince Edward Island* or PEI* or Quebec* or
 Saskatchewan* or Terre Neuve* or Territoires du Nord Ouest or

S51 Yukon* 39,245

S50 TI (North America* or Northamerica*) 2,481

S49 First Nation* or Metis 29,239

Calgar* or Edmonton* or Montreal* or Ottawa* or Toronto* or
 S48 Vancouver* or Winnipeg* 16,177

Alberta* or British Columbia* or Colombie Britannique* or Ile
 du Prince Edouard* or Labrador* or Manitoba* or New
 Brunswick* or Newfoundland* or Northwest Territories* or
 S47 Nouveau Brunswick* 18,644

S46 (canad* or united states or USA) 570,645

S45 (MH "Canada+") 93,640

S44	(MH "United States+")	641,980
S43	(MH "North America")	3,285
S42	S37 OR S38 OR S39 OR S40 OR S41	1,776,779
S41	AB (adhere* or nonadhere* or attitude* or belie* or complian* or comply or noncomplian* or focus group* or health litera* or inform* or interview* or know* or misconce* or opinion* or participat* or perspective* or prefer* or QOL or quality of life or questionnaire* or satisf*)	1,212,576
S40	TI (adhere* or nonadhere* or attitude* or belie* or complian* or comply or noncomplian* or focus group* or health litera* or inform* or interview* or know* or misconce* or opinion* or participat* or perspective* or prefer* or QOL or quality of life or questionnaire* or satisf*)	355,242
S39	MH questionnaires+ OR MH survey	368,134
S38	MH information seeking behavior OR MH information services OR MH memory OR MH memory, short term OR MH parenting education OR MH parents/ED/PF OR MH patient compliance OR MH patient education OR MH patient satisfaction OR MH	354,430

	personal satisfaction OR MH professional practice, evidence-based+ OR MH quality of life	
	MH "attitude to health" OR MH "caregivers/ED/PF" OR MH consumer health information+ OR MH consumer participation OR MH decision making, family OR MH decision making, patient OR MH focus groups OR MH health education OR MH health knowledge OR MH interviews+ OR MH information literacy+ OR MH information needs	352,788
S37	MH caregivers OR MH family OR MH fathers OR MH mothers OR MH parent-child relations+ OR MH parenting OR MH parents OR TI (("care giver*" or caregiver* or care* or guardian*) OR (famil* or father* or mother* or parent*)) OR AB (("care giver*" or caregiver* or care* or guardian*) OR (famil* or father* or mother* or parent*))	1,119,347
S36	S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34	1,074,891
S35	TI ((minor or minors)) OR AB ((minor or minors))	26,900
S34		

S33	TI girl* OR AB girl*	36,966
S32	TI boy* OR AB boy*	35,439
S31	TI teenage* OR AB teenage*	9,220
S30	TI adolescen* OR AB adolescen*	119,808
S29	TI pubert* OR AB pubert*	5,091
S28	TI pubescent* OR AB pubescent*	156
S27	TI prepubescent* OR AB prepubescent*	243
S26	TI ((kid or kids)) OR AB ((kid or kids))	8,513
S25	TI child* OR AB child*	428,298
S24	TI ((high school* or highschool*)) OR AB ((high school* or highschool*))	28,803
S23	TI elementary school* OR AB elementary school*	5,277
S22	TI secondary school* OR AB secondary school*	7,562
S21	TI ((primary school* or grade school*)) OR AB ((primary school* or grade school*))	19,821

S20	TI kindergar* OR AB kindergar*	2,571
S19	TI nursery school* OR AB nursery school*	331
S18	TI ((school#age* or school age*)) OR AB ((school#age* or school age*))	36,961
S17	TI ((school#child* or school child*)) OR AB ((school#child* or school child*))	41,367
S16	TI (pre#schooler* or pre schooler*) OR AB (pre#schooler* or pre schooler*)	3,720
S15	TI toddler* OR AB toddler*	5,730
S14	TI infant* OR AB infant*	92,524
S13	TI (baby* or babies*) OR AB (baby* or babies*)	29,170
S12	TI newborn* OR AB newborn*	26,573
S11	TI p#ediatric OR AB p#ediatric	108,443
S10	(MH "Pediatrics")	17,761
S9	(MH "Minors (Legal)")	643

S8	(MH "Infant")	154,327
S7	(MH "Child")	414,159
S6	(MH "Adolescence")	477,164
S5	S1 OR S2 OR S3 OR S4	18,276
S4	TI (asthma* N1 manag*) or AB (asthma* N1 manag*)	2,718
S3	TI ((acute or attack*) N2 asthma*) OR AB ((acute or attack*) N2 asthma*)	2,036
S2	TI (asthma* and exacerbat*) or AB (asthma* and exacerbat*)	3,105
S1	(MH "Asthma+/PC/DT/TH")	15,404

10

11 Database: Ovid PsycINFO 1987 to December Week 3 2019

12 Search Title: Asthma-Parental-Info_TREKK_3

13 Search Strategy:

#	Searches	Results
1	exp asthma/	4046
2	(asthma* and exacerbat*).ti,ab.	358

3	((acute or attack*) adj2 asthma*).ti,ab.	247
4	(asthma* adj1 manag*).ti,ab.	463
5	or/1-4 [MeSH & KEYWORDS FOR ASTHMA]	4185
6	Pediatrics/	23697
7	p?ediatric.ti,ab.	28457
8	newborn*.ti,ab.	8841
9	(baby* or babies*).ti,ab.	14450
10	infant*.ti,ab.	62138
11	toddler*.ti,ab.	8497
12	(pre?schooler* or pre schooler*).ti,ab.	10619
13	(school?child* or school child*).ti,ab.	11841
14	(school?age* or school age*).ti,ab.	17985
15	nursery school*.ti,ab.	788
16	kindergar*.ti,ab.	13802
17	(primary school* or grade school*).ti,ab.	11182
18	secondary school*.ti,ab.	16129
19	elementary school*.ti,ab.	20782

20	(high school* or highschool*).ti,ab.	53463
21	child*.ti,ab.	534006
22	(kid or kids).ti,ab.	3896
23	prepubescen*.ti,ab.	308
24	pubescen*.ti,ab.	303
25	pubert*.ti,ab.	5875
26	adolescen*.ti,ab.	203518
27	teenage*.ti,ab.	11697
28	boy*.ti,ab.	55389
29	girl*.ti,ab.	56498
30	(minor or minors).ti,ab.	19960
31	or/6-30 [CHILD FILTER]	799726
32	caregivers/	27318
33	family/	42970
34	mothers/	31105
35	mother-child relations/	17206
36	fathers/	8620

37	father-child relations/	3745
38	exp parents/	98050
39	parent-child relations/	22572
40	parenting/	9355
41	(care giver* or caregiver* or carer* or guardian*).ti,ab.	57462
42	(famil* or father* or mother* or parent*).ti,ab.	550912
43	or/32-42 [CAREGIVER FILTER]	584424
44	decision making/	66685
45	evidence-based practice/	17323
46	health education/	12050
47	exp Information Literacy/	271
48	information services/	687
49	Patient Participation/	2067
50	Patient Satisfaction/	5365
51	quality of life/	39183
52	(adhere* or nonadhere* or attitude* or belie* or complian* or comply or noncomplian* or focus group* or health litera* or inform* or interview* or	1804003

	know* or misconce* or opinion* or participat* or perspective* or prefer* or QOL or quality of life or questionnaire* or satisf*).ti,ab.	
53	or/44-52 [PATIENT PREFERENCES]	1839786
54	(canad* or united states or USA).ti,ab,in,lo,pl,so.	355459
55	(Alberta* or British Columbia* or Colombie Britannique* or Ile du Prince Edouard* or Labrador* or Manitoba* or New Brunswick* or Newfoundland* or Northwest Territories* or Nouveau Brunswick*).ti,ab,in,lo,pl,so.	51792
56	(Calgar* or Edmonton* or Montreal* or Ottawa* or Toronto* or Vancouver* or Winnipeg*).ti,ab,in,lo,pl,so.	151512
57	(First Nation* or Metis).ti,ab,in,lo,pl,so.	1706
58	(North America* or Northamerica*).ti.	1237
59	(Nouvelle Ecosse or Nova Scotia* or Nun?v?t or NWT* or Ontario* or Prince Edward Island* or PEI* or Quebec* or Saskatchewan* or Terre Neuve* or Territoires du Nord Ouest or Yukon*).ti,ab,in,lo,pl,so.	39021
60	(Alabama* or Alaska* or Arizona* or Arkansas* or California* or Colorad* or Connecticut* or Delawar* or Florid* or Georgia* or Hawaii* or Idaho* or Illinois* or Indiana* or Iowa* or Kansas* or Kentuck* or Louisian* or Maine* or Maryland* or Massachusetts* or Michigan* or Minnesota* or Mississippi* or Missouri* or Montana* or Nebraska* or Nevada* or New Hampshire* or New Jersey* or New Mexic* or New York* or North Carolin* or North Dakota* or	1342150

	Ohio* or Oklahoma* or Oregon* or Pennsylvania* or Rhode Island* or South Carolin* or South Dakota* or Tennessee* or Texas* or Texan* or Utah* or Vermont* or Virginia* or Washington* or West Virginia* or Wisconsin* or Wyoming*).ti,ab,in,lo,pl,so.	
61	or/54-60 [US & CANADA FILTER]	1600619
62	5 and 31 and 43 and 53 and 61	505
63	limit 62 to ((english or french) and yr="2002 -Current")	418

14

15 Database: Cochrane Library

16 Search title: Asthma-Parental-Info_TREKK_4

17 Date Run: 24/12/2019 06:06:25

18 Comment: Asthma SR for parental info needs for TREKK.

19 ID Search Hits

20 #1 MeSH descriptor: [Asthma] explode all trees and with qualifier(s): [drug therapy - DT,
21 prevention & control - PC, therapy - TH] 7989

22 #2 (asthma* and exacerbat*):ti,ab 3774

23 #3 ((acute or attack*) near/2 asthma*):ti,ab 2046

24 #4 (asthma* near/1 manag*):ti,ab 887

25 #5 (122-#4) 11971

26	#6	[mh ^"adolescent"]	101825
27	#7	[mh ^"child"]	1119
28	#8	[mh ^"infant"]	427
29	#9	[mh ^"minor"]	8
30	#10	[mh ^"pediatrics"]	609
31	#11	(p?ediatric*):ti,ab	30471
32	#12	(newborn*):ti,ab	8954
33	#13	(baby* or babies*):ti,ab	7812
34	#14	(infant*):ti,ab	37114
35	#15	(toddler*):ti,ab	1531
36	#16	(preschooler* or pre-schooler* or pre schooler*):ti,ab	914
37	#17	(schoolchild* or school-child*):ti,ab	3718
38	#18	(school age* or school-age* or school age*):ti,ab	10003
39	#19	(nursery school*):ti,ab	114
40	#20	(kindergar*):ti,ab	646
41	#21	(primary school* or grade school*):ti,ab	9211
42	#22	(secondary school*):ti,ab	4819
43	#23	(elementary school*):ti,ab	1557

44 #24 (high school*):ti,ab 6721

45 #25 (highschool* or high-school*):ti,ab 3025

46 #26 (child*):ti,ab 118599

47 #27 (kid or kids):ti,ab 970

48 #28 (prepubescen*):ti,ab 93

49 #29 (pubescen*):ti,ab 53

50 #30 (adolescen*):ti,ab 24415

51 #31 (teenage*):ti,ab 1215

52 #32 (boy*):ti,ab 6659

53 #33 (girl*):ti,ab 6917

54 #34 (minor or minors):ti,ab 15870

55 #35 (2-#34)270766

56 #36 [mh ^"caregivers"] 1979

57 #37 [mh ^"family"] 1406

58 #38 [mh ^"mothers"] 1669

59 #39 [mh ^"mother-child relations"] 759

60 #40 [mh ^"fathers"] 166

61 #41 [mh ^"father-child relations"] 63

62 #42 [mh "parents"]4642

63 #43 [mh ^"parent-child relations"] 1072

64 #44 [mh ^"parenting"] 1174

65 #45 [mh ^"legal guardians"] 19

66 #46 (care giver* or caregiver or carer* or guardian*):ti,ab 12090

67 #47 (families* or family* or father* or mother* or parent*):ti,ab 73855

68 #48 (13-#47) 81001

69 #49 [mh ^"attitude to health"] 2878

70 #50 MeSH descriptor: [Caregivers] explode all trees and with qualifier(s): [education - ED,
71 psychology - PX] 1387

72 #51 [mh "consumer health information"] 470

73 #52 [mh ^"decision making"] 2158

74 #53 [mh ^"evidence-based practice"] 273

75 #54 [mh ^"focus groups"] 578

76 #55 [mh ^"health education"] 3756

77 #56 [mh ^"health knowledge, attitudes, practice"] 5745

78 #57 [mh "information literacy"] 339

79 #58 [mh ^"information seeking behavior"] 44

80 #59 [mh ^"information services"] 83

81 #60 [mh "patient acceptance of health care"] 16678

82 #61 [mh ^"patient compliance"] 9489

83 #62 [mh ^"patient education as topic"] 8451

84 #63 [mh ^"patient participation"] 1266

85 #64 [mh ^"patient satisfaction"] 11076

86 #65 [mh ^"personal satisfaction"] 830

87 #66 [mh ^"quality of life"]22466

88 #67 [mh ^"retention (psychology)"] 661

89 #68 [mh ^"surveys and questionnaires"] 24710

90 #69 [mh ^"life change events"] 456

91 #70 (adhere* or nonadhere*):ti,ab,kw 31563

92 #71 attitude*:ti,ab,kw 23057

93 #72 belie*:ti,ab,kw16333

94 #73 (complan* or comply or noncomplan*):ti,ab,kw 50082

95 #74 focus group:ti,ab,kw 13325

96 #75 health litera*:ti,ab,kw 12638

97 #76 inform*:ab 135379

98 #77 interview*:ti,ab,kw 32880

99 #78 know*:ab 89752

100 #79 misconce*:ti,ab,kw 401

101 #80 opinion*:ti,ab,kw 6605

102 #81 participat*:ti,ab,kw 100558

103 #82 perspective*:ti,ab,kw 11455

104 #83 prefer*:ti,ab,kw 32225

105 #84 QoL:ti,ab,kw 17994

106 #85 quality of life:ti,ab,kw 104628

107 #86 questionnaire:ti,ab,kw 90046

108 #87 satisf*:ti,ab,kw 58707

109 #88 (73-#87) 506229

110 #89 #5 and #35 and #48 and #88 650

111 #90 [mh ^"North America"] 324

112 #91 [mh "United States"] 18782

113 #92 [mh "Canada"] 3423

114 #93 (Canada or United States or USA):ti,ab,kw 48041

115 #94 (Alberta* or British Columbia* or Colombie Britannique* or Ile du Prince Edouard* or

116 Labrador* or Manitoba* or New Brunswick* or Newfoundland* or Northwest Territories* or

117 Nouveau Brunswick*):ti,ab,kw 1551

118 #95 (Calgar* or Edmonton* or Montreal* or Ottawa* or Toronto* or Vancouver* or
119 Winnipeg*):ti,ab,kw 5744

120 #96 (First Nation* or Metis):ti,ab,kw 8151

121 #97 (North America* or Northamerica*):ti 490

122 #98 (Nouvelle Ecosse or Nova Scotia* or Nun?v?t or NWT* or Ontario* or Prince Edward
123 Island* or PEI* or Quebec* or Saskatchewan* or Terre Neuve* or Territoires du Nord Ouest or
124 Yukon*):ti,ab,kw 7071

125 #99 (Alabama* or Alaska* or Arizona* or Arkansas* or California* or Colorad* or
126 Connecticut* or Delawar* or Florid* or Georgia* or Hawaii* or Idaho* or Illinois* or Indiana*
127 or Iowa* or Kansas* or Kentuck* or Louisian* or Maine* or Maryland* or Massachusetts* or
128 Michigan* or Minnesota* or Mississippi* or Missouri* or Montana* or Nebraska* or Nevada*
129 or New Hampshire* or New Jersey* or New Mexic* or New York* or North Carolin* or North
130 Dakota* or Ohio* or Oklahoma* or Oregon* or Pennsylvania* or Rhode Island* or South
131 Carolin* or South Dakota* or Tennessee* or Texas* or Texan* or Utah* or Vermont* or
132 Virginia* or Washington* or West Virginia* or Wisconsin* or Wyoming*):ti,ab,kw 39613

133 #100 (77-#99) 97231

134 #101 #89 and #100 with Publication Year from 2002 to 2019, with Cochrane Library
135 publication date Between Jan 2002 and Dec 2019, in Trials 110