

Detailed Search Strings –August 2004

**CINAHL Database**

- 1 CONSTIPATION/ (812)
- 2 intestinal obstruction/ or feces, impacted/ or intestinal pseudo-obstruction/ (379)
- 3 "bowel histor:".af. (53)
- 4 "bowel assess:".af. (195)
- 5 "constipating medicat:".af. (2)
- 6 exp "Bowel and Bladder Management"/ (884)
- 7 "abdominal assess:".af. (172)
- 8 Geriatric Functional Assessment/ (1671)
- 9 "bowel pattern:".af. (38)
- 10 Fluid Intake/ (144)
- 11 Drinking Behavior/ (187)
- 12 Dietary Fiber/ (1013)
- 13 Geriatric Nutrition/ (888)
- 14 Physical Activity/ (3078)
- 15 exp Exercise/ (15243)
- 16 patient education/ or patient discharge education/ (18978)
- 17 Nursing Role/ (14309)
- 18 Risk Factors/ (17945)
- 19 Patient History Taking/ (3359)
- 20 DOCUMENTATION/ (6683)
- 21 DIARIES/ (2437)
- 22 manag:.af. (189081)
- 23 Nursing Assessment/ (7887)
- 24 evaluat:.af. (117430)
- 25 exp Aged/ (93392)
- 26 or/1-2 (1160)
- 27 or/3-24 (321363)
- 28 26 and 27 and 25 (169)
- 29 limit 28 to (english and yr=2001-2004) (52)
- 30 meta analysis/ (4501)
- 31 literature review/ (1803)
- 32 exp literature searching/ (3574)
- 33 systematic review.pt. (5784)
- 34 practice guidelines.pt. (2360)
- 35 nursing interventions.pt. (516)
- 36 (care plan or critical path or protocol).pt. (6562)
- 37 (metaanaly: or meta analy:).mp. (5164)
- 38 metanalysis:.mp. (1)
- 39 ((systematic: or quantitative or methodologic:) adj (overview: or review:)).mp. (5433)
- 40 integrative research review:.mp. (19)
- 41 research integration.mp. (25)
- 42 (handsearch: or ((hand or manual) adj search:)).mp. (1213)
- 43 mantel haenszel.mp. (105)
- 44 peto.mp. (266)
- 45 fixed effect:.mp. (333)
- 46 (medline or cinahl or psyc?info or psyc?lit or embase or pubmed).mp. (11746)
- 47 (scisearch or science citation or isi citation or web of science).mp. (417)
- 48 (dersimonian or der simonian).mp. (20)
- 49 (pooled adj data).mp. (116)
- 50 or/30-49 (28627)
- 51 28 and 50 (10)
- 52 limit 51 to (english and yr=2001-2004) (2)
- 53 exp prospective studies/ (32586)
- 54 exp prognosis/ (26181)

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**CINAHL Database**

55 exp "outcomes (health care)"/ (36649)  
56 exp morbidity/ (8023)  
57 exp mortality/ (6980)  
58 exp survival analysis/ (5765)  
59 disease progression/ (2257)  
60 time factors/ (12944)  
61 recurrence/ (3287)  
62 exp non-experimental studies/ (53575)  
63 research.pt. (219035)  
64 natural histor.:mp. (691)  
65 prognos.:mp. (5136)  
66 predict.:mp. (23450)  
67 inception cohort.:mp. (108)  
68 prognostic factor.:mp. (429)  
69 clinical course.:mp. (612)  
70 outcome.:mp. (52905)  
71 course.mp. (10961)  
72 or/53-71 (269779)  
73 72 and 25 and 26 (110)  
74 limit 73 to (english and yr=2001-2004) (44)  
75 pilot studies/ (7885)  
76 reproducibility of results/ (1646)  
77 exp clinical research/ (4707)  
78 exp clinical trials/ (27424)  
79 research methodology/ (6082)  
80 meta analysis/ (4501)  
81 crossover design/ (2034)  
82 patient selection/ (2553)  
83 Random Assignment/ (7890)  
84 sample size/ (1238)  
85 placebos/ (2447)  
86 comparative studies/ (24761)  
87 study design/ (1334)  
88 experimental studies/ (4261)  
89 community trials/ (41)  
90 exp random sample/ (9889)  
91 research/ (7457)  
92 exp professional practice, research based/ (2793)  
93 exp "outcomes (health care)"/ (36649)  
94 (research or clinical trial).pt. (219049)  
95 (practice guidelines or systematic review).pt. (8103)  
96 nursing interventions.pt. (516)  
97 (critical path or care plan or protocol).pt. (6562)  
98 random.:mp. (35357)  
99 (efficacy or effectiveness).mp. (26951)  
100 ((single or double or triple) adj blind:).mp. (3610)  
101 placebo.:mp. (6679)  
102 (sham or mask:).mp. (1862)  
103 intention to treat.mp. (678)  
104 control: trial.:mp. (7956)  
105 or/75-104 (276178)  
106 105 and 25 and 26 (115)  
107 limit 106 to (english and yr=2001 - 2004) (45)  
108 107 not (74 or 52 or 29) (1)

Detailed Search Strings –August 2004

**EMBASE Database**

- 1 intestine obstruction/ or feces impaction/ or intestine pseudoobstruction/ or small intestine obstruction/ or colon obstruction/ (4679)
- 2 "bowel histor:".af. (4)
- 3 "bowel assess:".af. (17)
- 4 "constipating medication:".af. (4)
- 5 "abdominal assess:".af. (5)
- 6 "functional disabil:".af. (1134)
- 7 "bowel record:".af. (5)
- 8 "bowel diary".af. (5)
- 9 "bowel pattern:".af. (24)
- 10 fluid intake/ (3461)
- 11 dietary fiber/ (2332)
- 12 exp nutrition/ (306367)
- 13 exp physical activity/ (40198)
- 14 exp exercise/ (28598)
- 15 patient education/ (12921)
- 16 nurse attitude/ (399)
- 17 risk factor/ (98899)
- 18 manag:.af. (212361)
- 19 "stool toileting".af. (10)
- 20 nursing/ (4501)
- 21 evaluat:.af. (481789)
- 22 Aged/ (411381)
- 23 Meta Analysis/ (15555)
- 24 meta-anal:.mp. (18108)
- 25 metanal:.mp. (83)
- 26 metanal:.mp. (83)
- 27 quantitativ: review:.mp. (130)
- 28 quantitativ: overview:.mp. (34)
- 29 systematic: review:.mp. (5563)
- 30 systematic: overview:.mp. (188)
- 31 methodolog: review:.mp. (155)
- 32 methodolog: overview:.mp. (20)
- 33 integrative research review:.mp. (2)
- 34 research integration:.mp. (17)
- 35 quantitativ: synthes:.mp. (55)
- 36 or/23-35 (22352)
- 37 Review/ (372759)
- 38 review:.mp. (513618)
- 39 overview:.mp. (18564)
- 40 (scisearch or psychinfo or psycinfo).mp. (511)
- 41 (psychlit or psychlit).mp. (295)
- 42 (hand search: or handsearch: or manual: search:).mp. (944)
- 43 (electronic database: or bibliographic database:).mp. (1237)
- 44 (pooling or pooled analys: or mantel haenszel).mp. (2668)
- 45 (peto or der simonian or dersimonian or fixed effect:).mp. (653)
- 46 or/37-39 (520703)
- 47 or/40-45 (5803)
- 48 46 and 47 (2816)
- 49 47 or 36 (26296)
- 50 48 or 36 (23734)
- 51 or/2-21 (1020960)
- 52 \*CONSTIPATION/ (1235)

Registered Nurses Association of Ontario – Nursing Best Practice Guidelines Program  
*Prevention of Constipation in the Older Adult Population –Revised March 2005*

Detailed Search Strings –August 2004

**EMBASE Database**

53 (52 or 1) and 51 and 22 and (49 or 50) (7)  
54 limit 53 to (english language and yr=2001 - 2004) (4)  
55 Evaluation/ (26529)  
56 (evaluation adj1 (study or studies)).mp. (2169)  
57 (validation adj1 (study or studies)).mp. (1646)  
58 "sensitivity and specificity"/ (14366)  
59 diagnostic error/ (8328)  
60 statistical model/ (8173)  
61 (likelihood: or likelihood ratio:).mp. (16323)  
62 or/55-61 (74124)  
63 62 and (52 or 1) and 22 (50)  
64 limit 63 to (english language and yr=2001 - 2004) (42)  
65 Clinical Trial/ (234594)  
66 clinical trial, phase i.mp. (7)  
67 clinical trial, phase ii.mp. (5)  
68 clinical trial, phase iii.mp. (3)  
69 clinical trial, phase iv.mp. (2)  
70 controlled clinical trial.mp. (1787)  
71 (control: adj2 trial:).mp. (27298)  
72 meta-analy:.mp. (18104)  
73 Clinical Trial/ (234594)  
74 metaanaly:.mp. (565)  
75 metanaly:.mp. (65)  
76 Multicenter Study/ (24752)  
77 multicenter study.mp. (26277)  
78 Randomized Controlled Trial/ (72990)  
79 "randomized controlled trial".mp. (74591)  
80 or/65-79 (250453)  
81 80 and (52 or 1) and 22 (216)  
82 limit 81 to (english language and yr=2001 - 2004) (102)  
83 82 not (64 or 54) (90)

**MEDLINE Database**

1 Constipation/ (1982)  
2 intestinal obstruction/ or duodenal obstruction/ or fecal impaction/ (3999)  
3 "bowel histor:".af. (4)  
4 "bowel assess:".af. (17)  
5 "constipating medic:".af. (3)  
6 "functional disabil:".af. (1057)  
7 "abdominal assess:".af. (12)  
8 Geriatric Assessment/ (5358)  
9 "bowel pattern".af. (14)  
10 Drinking/ (2539)  
11 Drinking Behavior/ (787)  
12 Fluid Therapy/ (2948)  
13 Dietary Fiber/ (2895)  
14 Nutrition/ (5455)  
15 Motor Activity/ (12864)  
16 Exercise/ (18145)  
17 Walking/ (4066)  
18 Patient Education/ (18586)  
19 Nurse's Role/ (7040)  
20 risk factors/ (147223)

Detailed Search Strings –August 2004

**MEDLINE Database**

- 21 medical history taking/ or cornell medical index/ (3926)
- 22 Documentation/ (3493)
- 23 exp Nursing Assessment/ (8942)
- 24 manag:.af. (228322)
- 25 "stool toileting".af. (10)
- 26 evaluat:.af. (513966)
- 27 exp Aged/ (493105)
- 28 meta-analysis.pt. (6959)
- 29 meta-anal:.mp. (10401)
- 30 metaanal:.mp. (424)
- 31 quantitativ: review:.mp. (149)
- 32 quantitativ: overview:.mp. (31)
- 33 systematic: review:.mp. (5479)
- 34 systematic: overview:.mp. (185)
- 35 methodolog: review:.mp. (156)
- 36 methodolog: overview:.mp. (19)
- 37 integrative research review:.mp. (13)
- 38 research integration:.mp. (32)
- 39 quantitativ: synthes:.mp. (56)
- 40 or/28-39 (17234)
- 41 review.pt. (509256)
- 42 review:.mp. (245640)
- 43 overview:.mp. (18210)
- 44 (medline or medlars or pubmed or grateful med).mp. (12939)
- 45 (scisearch or psychinfo or psycinfo).mp. (518)
- 46 (psychlit or psyclit).mp. (545)
- 47 (hand search: or handsearch: or manual: search:).mp. (1721)
- 48 (electronic database: or bibliographic database:).mp. (1174)
- 49 (pooling or pooled analys: or mantel haenszel).mp. (2924)
- 50 (peto or der simonian or dersimonian or fixed effect:).mp. (1225)
- 51 41 or 42 or 43 (623564)
- 52 or/44-50 (17339)
- 53 51 and 52 (12299)
- 54 52 or 40 (29680)
- 55 or/1-2 (5887)
- 56 or/3-26 (875195)
- 57 27 and 55 and 56 and (53 or 54) (8)
- 58 limit 57 to (english language and yr=2001 - 2004) (1)
- 59 evaluation studies.pt. (38965)
- 60 (evaluation adj1 (study or studies)).mp. (2123)
- 61 validation studies.pt. (13443)
- 62 (validation adj1 (study or studies)).mp. (1579)
- 63 exp "sensitivity and specificity"/ (120868)
- 64 exp diagnostic errors/ (22278)
- 65 likelihood functions/ (4878)
- 66 (likelihood: or likelihood ratio:).mp. (20138)
- 67 or/59-66 (191873)
- 68 67 and 27 and 55 and 56 (78)
- 69 limit 68 to (english language and yr=2001 - 2004) (35)
- 70 clinical trial.pt. (180271)
- 71 clinical trial, phase i.pt. (4432)
- 72 clinical trial, phase ii.pt. (6865)
- 73 clinical trial, phase iii.pt. (2024)
- 74 clinical trial, phase iv.pt. (148)

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**MEDLINE Database**

75 controlled clinical trial.mp. (1783)  
76 (control: adj2 trial:).mp. (28331)  
77 meta-analysis.pt. (6959)  
78 meta-analy:.mp. (10397)  
79 metanaly:.mp. (42)  
80 metaanaly:.mp. (384)  
81 multicenter study.pt. (40579)  
82 randomized controlled trial.pt. (93014)  
83 or/70-82 (222598)  
84 83 and 56 and 27 and 55 (107)  
85 limit 84 to (english language and yr=2001 - 2004) (45)  
86 85 not 69 (40)  
87 exp cohort studies/ (240664)  
88 exp case-control studies/ (158329)  
89 exp prognosis/ (246959)  
90 disease-free survival.mp. (15082)  
91 medical: futil:.mp. (887)  
92 treatment outcome:.mp. (161795)  
93 treatment failure:.mp. (11504)  
94 exp disease progression/ (27232)  
95 (disease adj1 progress:).mp. (16191)  
96 exp morbidity/ (101316)  
97 exp mortality/ (83789)  
98 fatal outcome:.mp. (19789)  
99 hospital mortality:.mp. (7478)  
100 exp survival analysis/ (42280)  
101 natural histor:.mp. (8395)  
102 or/87-101 (663457)  
103 102 and 27 and 55 and 56 (398)  
104 limit 103 to (english language and yr=2001 - 2004) (151)  
105 104 not (85 or 69 or 58) (99)