

Asthma Living Guideline Search Narrative - Delivery of Care

March 2003

Searches were carried out by the HTBS. The strategy is included below.

Searches were carried out on the key questions.

1) Routine Review - Does routine review of people with asthma improve outcome?

Key word search to include:

Primary Care: General Practice, Practice Nurse, and Pharmacist

Opportunistic and Scheduled care

Components of review: education by health professional, use of guidelines, decision support software

Subgroups: Ethnic minorities, adolescents, elderly

Secondary Care: General Physicians and Respiratory Physicians, Liaison Nurses, and Respiratory Nurse Specialists

Pulmonary Rehabilitation of all respiratory disorders

Access to Care: maximising uptake and access to services

2) Acute Exacerbation - What aspects of models of acute care are associated with altered outcome?

Key word search to include:

Direct Dial 999

Practice resources and structure

Discharge planning

Follow up protocols

Access to care for subgroups and ethnic minorities

Decision support

Professional education

Voluntary groups

Helplines

This is the strategy from the original guideline, which was rerun covering the years 2001-2003.

The strategy listed below relates to Medline. Searches were also run on CINAHL, the Cochrane Library, and Embase using essentially the same strategy.

- 1 exp Asthma/
- 2 asthma\$.mp.
- 3 1 or 2
- 4 exp Delivery of health care/
- 5 exp Consumer participation/
- 6 exp Patient care planning/
- 7 Pharmacists/
- 8 family practice/
- 9 physicians, family/
- 10 community pharmac\$.mp.
- 11 primary care physician\$.tw.
- 12 general practi\$.tw.
- 13 gp.tw.
- 14 exp Nursing care/
- 15 practice nurs\$.mp.

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- 16 school nurs\$.mp.
- 17 liaison nurs\$.tw.
- 18 respiratory nurs\$.tw.
- 19 physician's role/
- 20 exp Patient care management/
- 21 respiratory physician\$.mp.
- 22 opportunistic care.mp.
- 23 scheduled care.mp.
- 24 (generalist adj20 specialist).tw.
- 25 exp professional-patient relations/
- 26 decision support.mp.
- 27 decision support systems, clinical/
- 28 decision support techniques/
- 29 pulmonary rehabil\$.mp.
- 30 access to health care.mp.
- 31 attitude to health/
- 32 health priorities/
- 33 needs assessment/
- 34 patient discharge/
- 35 discharge planning.mp.
- 36 patient follow-up.mp.
- 37 Education, continuing/ or Education, medical/ or Education, nursing/ or Education, professional/
- 38 direct dial.mp.
- 39 helpline\$.mp.
- 40 help line\$.mp.
- 41 Web site.mp.
- 42 World Wide Web.mp.
- 43 voluntary group.mp.
- 44 voluntary body.mp.
- 45 voluntary sector.mp.
- 46 voluntary workers/
- 47 internet/
- 48 or/4-47 209583
- 49 3 and 48 2064

** Search filters for randomised trials and observational studies added at this point

A further search was requested on A&E and pharmacy services for acute asthma. Searches were carried out on Embase and Medline. The Cochrane Library CD was searched as well as CINHAL.

The same basic strategy was used for all databases and combined with the RCT and observational studies filters.

Database: Medline

1	uncontrolled asthma.tw.	12
2	acute asthma.tw.	305
3	life threatening asthma.tw.	16
4	near fatal asthma.tw.	26
5	severe asthma.tw.	409
6	exp Acute disease/	15598
7	exp Asthma/	8327
8	6 and 7	323
9	exp Status asthmaticus/	104
10	or/1-5	705
11	or/8-10	909

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12	exp Critical illness/	1256
13	7 and 12	4
14	11 or 13	911
15	exp Emergency service, hospital/	3348
16	exp Emergency medicine/	910
17	exp Emergency medical services/	6405
18	(accident and emergency).tw.	608
19	exp Pharmacists/	680
20	pharmacist\$.tw.	1173
21	exp Pharmacy/	202
22	exp Pharmacies/	236
23	exp community pharmacy services/ or exp pharmacy service, hospital/	722
24	or/15-23	9424
25	14 and 24	100

Set 25 combined with RCT and observational studies filters.

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