

Systematic reviews and mapping searches

What are the effects of history-taking, including signs and symptoms, and physical examination in identifying the possible cause? (Clinical assessment and history-taking search.)

The clinical assessment search was conducted in February 2011.

MEDLINE (OvidSP): 1948 to week 1 February 2011

Searched 16 February 2011

1. hypersensitivity/ or drug hypersensitivity/ or exp drug eruptions/ or hypersensitivity, immediate/ or anaphylaxis/ or asthma, aspirin-induced/ or eosinophilic esophagitis/ (83,258)
2. food hypersensitivity/ or alveolitis, extrinsic allergic/ or aspergillosis, allergic bronchopulmonary/ or latex hypersensitivity/ (15,288)
3. (Anaphyla\$ or pseudoanaphyla\$).ti,ab,ot,hw. (24,149)
4. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj3 (allerg\$ or Hypersensiti\$ or hyper-sensiti\$)).ti,ab,ot,hw. (4316)
5. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj2 (systemic\$ or allerg\$ or skin\$ or dermatolog\$ or cutaneous\$) adj2 (reaction\$ or effect\$ or event\$ or rash\$)).ti,ot,ab. (2250)
6. or/1-5 (105,987)
7. exp Emergency Treatment/ (80,137)
8. (Accident adj2 emergency).ti,ab,ot,hw. (3474)
9. exp Emergency Medical Services/ (75,543)
10. (Emergenc\$ adj3 (treat\$ or admit\$ or admission\$ or episode\$ or case\$ or patient\$ or department\$ or room\$ or rooms or care or medic\$ or interven\$ or therap\$ or hospital\$ or service\$)).ti,ab,ot,hw. (115,106)
11. (Casualty adj2 (department\$ or admit\$ or admission\$ or patient\$ or case\$ or care or medicat\$ or interven\$ or therap\$ or patient\$)).ti,ab,ot,hw. (823)
12. (Accident adj2 emergency).ti,ab,ot,hw. (3474)
13. Triage\$.ti,ab,ot,hw. (9800)
14. First aid\$.ti,ab,ot,hw. (8194)
15. (First response\$ or first respond\$).ti,ab,ot,hw. (1533)
16. (Medical adj2 urgen\$).ti,ab,ot,hw. (423)
17. Emergencies/ (30,977)
18. (postepisod\$ or postadmission\$ or postadmit\$ or postreaction\$ or postevent\$ or postincident\$).ti,ab,ot,hw. (374)
19. (post adj (episod\$ or admission\$ or admit\$ or reaction\$ or event\$ or incident\$)).ti,ab,ot,hw. (530)
20. or/7-19 (213,695)
21. Physical Examination/ (25,045)
22. ((clinical\$ or physical\$) adj2 (assess\$ or exam\$ or test\$ or history or histories)).ti,ab,ot,hw. (166,918)
23. exp medical history taking/ or cornell medical index/ (16,109)
24. ((Medical\$ or patient\$) adj2 (histories or history)).ti,ab,ot,hw. (38,080)
25. Anamnesis.ti,ab,ot,hw. (3349)
26. ((identif\$ or trace\$ or tracing or track\$ or locat\$ or post\$ or isolat\$ or pinpoint\$ or pin-point\$ or ascertain\$ or detect\$ or distinguish\$ or recognis\$ or recogniz\$ or associate\$ or connect\$ or equat\$ or

- link\$ or discover\$ or find\$ or name\$ or naming or investigat\$) adj2 (causal\$ or cause\$ or causation\$ or trigger\$ or reason\$ or source\$ or sensitive\$ or hypersensitive\$ or allerg\$)).ti,ab,ot,hw. (65,478)
27. exp skin tests/ (50,471)
 28. (allerg\$ adj1 (test\$ or investigat\$)).ti,ab,ot,hw. (1982)
 29. (Sensitivit\$ adj1 (test\$ or investigat\$)).ti,ab,ot,hw. (80,112)
 30. (hypersensitivit\$ adj1 (test\$ or investigat\$)).ti,ab,ot,hw. (334)
 31. ((skin or intradermal\$ or intra-dermal\$ or intracutaneous\$ or epidermal\$ or cutaneous\$) adj1 (test\$ or investigat\$)).ti,ab,ot,hw. (40,005)
 32. ((passive transfer or prausnitz kustner or kveim) adj2 (test\$ or investigat\$)).ti,ab,ot,hw. (434)
 33. (RAST adj2 (test or assay\$ or investigat\$)).ti,ab,ot,hw. (1171)
 34. (prick adj1 (test\$ or investigat\$)).ti,ab,ot,hw. (6231)
 35. ((patch or percutaneous\$ or epicutaneous\$) adj1 (test\$ or investigat\$)).ti,ab,ot,hw. (10,447)
 36. (CAP RAST adj2 (test or assay\$ or investigat\$)).ti,ab,ot,hw. (22)
 37. (specific IgE adj2 (test or assay\$ or investigat\$)).ti,ab,ot,hw. (415)
 38. Fluorenyzmeimmunoassay\$.ti,ab,ot,hw. (0)
 39. (Pharmacia CAP adj2 (test or assay\$ or investigat\$)).ti,ab,ot,hw. (19)
 40. (radioallergosorben\$ adj2 (test or assay\$ or investigat\$)).ti,ab,ot,hw. (4428)
 41. (radioimmunoassay\$ adj2 (test or investigat\$)).ti,ab,ot,hw. (316)
 42. ((ImmunoCAP or Immuno-CAP) adj2 (test or assay\$ or investigat\$)).ti,ab,ot,hw. (40)
 43. Skin end point titration.ti,ab,ot,hw. (13)
 44. rinkel serial dilution titration.ti,ab,ot,hw. (1)
 45. Challenge test\$.ti,ab,ot,hw. (4140)
 46. (mast cell tryptase adj2 (test\$ or assay\$ or investigat\$)).ti,ab,ot,hw. (5)
 47. or/21-46 (402,839)
 48. 6 and 20 and 47 (271)
 49. animals/ not (animals/ and humans/) (3,403,655)
 50. 48 not 49 (268)

Medline In-Process Citations (OvidSP): up to 15 February 2011

Medline Daily Update (OvidSP): up to 15 February 2011

Searched 16 February 2011

1. hypersensitivity/ or drug hypersensitivity/ or exp drug eruptions/ or hypersensitivity, immediate/ or anaphylaxis/ or asthma, aspirin-induced/ or eosinophilic esophagitis/ (72)
2. food hypersensitivity/ or alveolitis, extrinsic allergic/ or aspergillosis, allergic bronchopulmonary/ or latex hypersensitivity/ (18)
3. (Anaphyla\$ or pseudoanaphyla\$).ti,ab,ot,hw. (589)
4. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj3 (allerg\$ or Hypersensiti\$ or hyper-sensiti\$)).ti,ab,ot,hw. (179)
5. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj2 (systemic\$ or allerg\$ or skin\$ or dermatolog\$ or cutaneous\$) adj2 (reaction\$ or effect\$ or event\$ or rash\$)).ti,ot,ab. (100)
6. or/1-5 (860)
7. exp Emergency Treatment/ (111)
8. (Accident adj2 emergency).ti,ab,ot,hw. (66)
9. exp Emergency Medical Services/ (129)
10. (Emergenc\$ adj3 (treat\$ or admit\$ or admission\$ or episode\$ or case\$ or patient\$ or department\$ or room\$ or rooms or care or medic\$ or interven\$ or therap\$ or hospital\$ or service\$)).ti,ab,ot,hw. (4365)
11. (Casualty adj2 (department\$ or admit\$ or admission\$ or patient\$ or case\$ or care or medicat\$ or interven\$ or therap\$ or patient\$)).ti,ab,ot,hw. (21)
12. (Accident adj2 emergency).ti,ab,ot,hw. (66)

13. Triage\$.ti,ab,ot,hw. (398)
14. First aid\$.ti,ab,ot,hw. (124)
15. (First response\$ or first respond\$).ti,ab,ot,hw. (87)
16. (Medical adj2 urgen\$).ti,ab,ot,hw. (24)
17. Emergencies/ (13)
18. (postepisod\$ or postadmission\$ or postadmit\$ or postreaction\$ or postevent\$ or postincident\$).ti,ab,ot,hw. (18)
19. (post adj (episod\$ or admission\$ or admit\$ or reaction\$ or event\$ or incident\$)).ti,ab,ot,hw. (38)
20. or/7-19 (4984)
21. Physical Examination/ (32)
22. ((clinical\$ or physical\$) adj2 (assess\$ or exam\$ or test\$ or history or histories)).ti,ab,ot,hw. (6253)
23. exp medical history taking/ or cornell medical index/ (17)
24. ((Medical\$ or patient\$) adj2 (histories or history)).ti,ab,ot,hw. (1291)
25. Anamnesis.ti,ab,ot,hw. (85)
26. ((identif\$ or trace\$ or tracing or track\$ or locat\$ or post\$ or isolat\$ or pinpoint\$ or pin-point\$ or ascertain\$ or detect\$ or distinguish\$ or recognis\$ or recogniz\$ or associate\$ or connect\$ or equat\$ or link\$ or discover\$ or find\$ or name\$ or naming or investigat\$) adj2 (causal\$ or cause\$ or causation\$ or trigger\$ or reason\$ or source\$ or sensitive\$ or hypersensitive\$ or allerg\$)).ti,ab,ot,hw. (4210)
27. exp skin tests/ (33)
28. (allerg\$ adj1 (test\$ or investigat\$)).ti,ab,ot,hw. (61)
29. (Sensitivit\$ adj1 (test\$ or investigat\$)).ti,ab,ot,hw. (343)
30. (hypersensitivit\$ adj1 (test\$ or investigat\$)).ti,ab,ot,hw. (3)
31. ((skin or intradermal\$ or intra-dermal\$ or intracutaneous\$ or epidermal\$ or cutaneous\$) adj1 (test\$ or investigat\$)).ti,ab,ot,hw. (432)
32. ((passive transfer or prausnitz kustner or kveim) adj2 (test\$ or investigat\$)).ti,ab,ot,hw. (1)
33. (RAST adj2 (test or assay\$ or investigat\$)).ti,ab,ot,hw. (9)
34. (prick adj1 (test\$ or investigat\$)).ti,ab,ot,hw. (206)
35. ((patch or percutaneous\$ or epicutaneous\$) adj1 (test\$ or investigat\$)).ti,ab,ot,hw. (188)
36. (CAP RAST adj2 (test or assay\$ or investigat\$)).ti,ab,ot,hw. (0)
37. (specific IgE adj2 (test or assay\$ or investigat\$)).ti,ab,ot,hw. (11)
38. Fluorenzymeimmunoassay\$.ti,ab,ot,hw. (0)
39. (Pharmacia CAP adj2 (test or assay\$ or investigat\$)).ti,ab,ot,hw. (0)
40. (radioallergosorben\$ adj2 (test or assay\$ or investigat\$)).ti,ab,ot,hw. (12)
41. (radioimmunoassay\$ adj2 (test or investigat\$)).ti,ab,ot,hw. (3)
42. ((ImmunoCAP or Immuno-CAP) adj2 (test or assay\$ or investigat\$)).ti,ab,ot,hw. (4)
43. Skin end point titration.ti,ab,ot,hw. (0)
44. rinkel serial dilution titration.ti,ab,ot,hw. (0)
45. Challenge test\$.ti,ab,ot,hw. (129)
46. (mast cell tryptase adj2 (test\$ or assay\$ or investigat\$)).ti,ab,ot,hw. (0)
47. or/21-46 (12,625)
48. 6 and 20 and 47 (4)
49. animals/ not (animals/ and humans/) (2774)
50. 48 not 49 (4)

EMBASE (OvidSP): 1980 to week 6 2011

Searched 17 February 2011

1. Hypersensitivity/ or exp Drug hypersensitivity/ or exp drug eruptions/ or Hypersensitivity-Reaction/ or Immediate-Type-Hypersensitivity/ (87,798)
2. Eosinophilic esophagitis/ or Food-Allergy/ or Allergic-Pneumonitis/ or Allergic-Bronchopulmonary-Aspergillosis/ (18,305)
3. Anaphylactic-Shock/ or Anaphylactoid-Purpura/ or Passive-Skin-Anaphylaxis/ or Skin-Anaphylaxis/ or Anaphylaxis/ (32,758)

4. (Anaphyla\$ or pseudoanaphyla\$).ti,ab,ot,hw. (39,238)
5. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj3 (allerg\$ or Hypersensiti\$ or hyper-sensiti\$)).ti,ab,ot,hw. (5910)
6. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj2 (systemic\$ or allerg\$ or skin\$ or dermatolog\$ or cutaneous\$) adj2 (reaction\$ or effect\$ or event\$ or rash\$)).ti,ot,ab. (3040)
7. or/1-6 (136,815)
8. animal/ or animal experiment/ (3,045,231)
9. (rat or rats or mouse or mice or murine or rodent or rodents or hamster or hamsters or pig or pigs or porcine or rabbit or rabbits or animal or animals or dogs or dog or cats or cow or bovine or sheep or ovine or monkey or monkeys).mp. (4,666,017)
10. or/8-9 (4,666,017)
11. exp human/ or human experiment/ (12,216,815)
12. 10 not (10 and 11) (3,748,300)
13. 7 not 12 (122,765)
14. EMERGENCY/ (24,427)
15. emergency treatment/ or evidence based emergency medicine/ or first aid/ or pediatric advanced life support/ (20,946)
16. emergency care/ (10,408)
17. Emergency-Medicine/ (16,466)
18. Emergency-Health-Service/ (50,147)
19. Emergency-Patient/ (545)
20. Emergency-Ward/ (31,998)
21. (Accident adj2 emergency).ti,ab,ot,hw. (3937)
22. (Emergenc\$ adj3 (treat\$ or admit\$ or admission\$ or episode\$ or case\$ or patient\$ or department\$ or room\$ or rooms or care or medic\$ or interven\$ or therap\$ or hospital\$ or service\$)).ti,ab,ot,hw. (146,375)
23. (Casualty adj2 (department\$ or admit\$ or admission\$ or patient\$ or case\$ or care or medicat\$ or interven\$ or therap\$ or patient\$)).ti,ab,ot,hw. (956)
24. Triage\$.ti,ab,ot,hw. (8325)
25. First aid\$.ti,ab,ot,hw. (10,473)
26. (First response\$ or first respond\$).ti,ab,ot,hw. (1748)
27. (Medical adj2 urgen\$).ti,ab,ot,hw. (559)
28. (postepisod\$ or postadmission\$ or postadmit\$ or postreaction\$ or postevent\$ or postincident\$).ti,ab,ot,hw. (425)
29. (post adj (episod\$ or admission\$ or admit\$ or reaction\$ or event\$ or incident\$)).ti,ab,ot,hw. (800)
30. or/14-29 (184,896)
31. clinical assessment/ (33,978)
32. Physical Examination/ (94,953)
33. Medical-History/ or anamnesis/ (104,176)
34. Allergy-Test/ (2167)
35. ((clinical\$ or physical\$) adj2 (assess\$ or exam\$ or test\$ or history or histories)).ti,ab,ot,hw. (320,112)
36. ((Medical\$ or patient\$) adj2 (histories or history)).ti,ab,ot,hw. (34,556)
37. Anamnesis.ti,ab,ot,hw. (103,947)
38. ((identif\$ or trace\$ or tracing or track\$ or locat\$ or post\$ or isolat\$ or pinpoint\$ or pin-point\$ or ascertain\$ or detect\$ or distinguish\$ or recognis\$ or recogniz\$ or associate\$ or connect\$ or equat\$ or link\$ or discover\$ or find\$ or name\$ or naming or investigat\$) adj2 (causal\$ or cause\$ or causation\$ or trigger\$ or reason\$ or source\$ or sensitive\$ or hypersensitive\$ or allerg\$)).ti,ab,ot,hw. (80,772)
39. (allerg\$ adj1 (test\$ or investigat\$)).ti,ab,ot,hw. (4268)
40. (Sensitivit\$ adj1 (test\$ or investigat\$)).ti,ab,ot,hw. (7328)
41. (hypersensitivit\$ adj1 (test\$ or investigat\$)).ti,ab,ot,hw. (366)

42. ((skin or intradermal\$ or intra-dermal\$ or intracutaneous\$ or epidermal\$ or cutaneous\$) adj1 (test\$ or investigat\$)).ti,ab,ot,hw. (38,783)
43. ((passive transfer or prausnitz kustner or kveim) adj2 (test\$ or investigat\$)).ti,ab,ot,hw. (440)
44. (RAST adj2 (test or assay\$ or investigat\$)).ti,ab,ot,hw. (1246)
45. (prick adj1 (test\$ or investigat\$)).ti,ab,ot,hw. (12,367)
46. ((patch or percutaneous\$ or epicutaneous\$) adj1 (test\$ or investigat\$)).ti,ab,ot,hw. (14,561)
47. (CAP RAST adj2 (test or assay\$ or investigat\$)).ti,ab,ot,hw. (27)
48. (specific IgE adj2 (test or assay\$ or investigat\$)).ti,ab,ot,hw. (614)
49. Fluorenzymeimmunoassay\$.ti,ab,ot,hw. (0)
50. (Pharmacia CAP adj2 (test or assay\$ or investigat\$)).ti,ab,ot,hw. (22)
51. (radioallergosorben\$ adj2 (test or assay\$ or investigat\$)).ti,ab,ot,hw. (5582)
52. (radioimmunoassay\$ adj2 (test or investigat\$)).ti,ab,ot,hw. (320)
53. ((ImmunoCAP or Immuno-CAP) adj2 (test or assay\$ or investigat\$)).ti,ab,ot,hw. (75)
54. Skin end point titration.ti,ab,ot,hw. (17)
55. rinkel serial dilution titration.ti,ab,ot,hw. (1)
56. Challenge test\$.ti,ab,ot,hw. (5290)
57. (mast cell tryptase adj2 (test\$ or assay\$ or investigat\$)).ti,ab,ot,hw. (8)
58. or/31-57 (556,805)
59. 13 and 30 and 58 (621)
60. animal/ or animal experiment/ (3,045,231)
61. (rat or rats or mouse or mice or murine or rodent or rodents or hamster or hamsters or pig or pigs or porcine or rabbit or rabbits or animal or animals or dogs or dog or cats or cow or bovine or sheep or ovine or monkey or monkeys).mp. (4,666,017)
62. or/60-61 (4,666,017)
63. exp human/ or human experiment/ (12,216,815)
64. 62 not (62 and 63) (3,748,300)
65. 59 not 64 (621)

Cochrane Database of Systematic Reviews (CDSR) (Internet) Issue 1:2011

Cochrane Central Register of Controlled Trials (CENTRAL) (Internet) Issue 1:2011

<http://cochranelibrary.com/>

Searched 18 February 2011

1. Medical subject heading (MeSH) descriptor Hypersensitivity, this term only (525)
2. MeSH descriptor Anaphylaxis, this term only (142)
3. MeSH descriptor Asthma, Aspirin-Induced explode all trees (0)
4. MeSH descriptor Drug Hypersensitivity, this term only (403)
5. MeSH descriptor Drug Eruptions explode all trees (353)
6. MeSH descriptor Eosinophilic Esophagitis, this term only (0)
7. MeSH descriptor Hypersensitivity, Immediate, this term only (382)
8. MeSH descriptor Food Hypersensitivity, this term only (381)
9. MeSH descriptor Alveolitis, Extrinsic Allergic, this term only (11)
10. MeSH descriptor Latex Hypersensitivity, this term only (28)
11. MeSH descriptor Aspergillosis, Allergic Bronchopulmonary, this term only (11)
12. (anaphyla* OR pseudoanaphyla*):ti,ab,kw (533)
13. ((severe* or severity or worse* or acute* or emergenc* or urgen* or grave* or serious* or dangerous* or life-threat* or lifethreat or potentially fatal*) near3 (allerg* or hypersensiti* or hypersensiti*)):ti,ab,kw (409)
14. ((severe* or severity or worse* or acute* or emergenc* or urgen* or grave* or serious* or dangerous* or life-threat* or lifethreat or potentially fatal*) near2 (systemic* or allerg* or skin* or dermatolog* or cutaneous*) near2 (reaction* or effect* or event* or rash*)):ti,ab,kw (107)
15. (#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14) (2810)

16. MeSH descriptor Emergency Treatment explode all trees (3357)
17. (Accident near2 emergency):ti,ab,kw (203)
18. MeSH descriptor Emergency Medical Services explode all trees (2535)
19. (Emergenc* near3 (treat* or admit* or admission* or episode* or case* or patient* or department* or room* or rooms or care or medic* or interven* or therap* or hospital* or service*)):ti,ab,kw (5781)
20. (Casualty near2 (department* or admit* or admission* or patient* or case* or care or medicat* or interven* or therap* or patient*)):ti,ab,kw (35)
21. (Accident near2 emergency):ti,ab,kw (203)
22. Triage*:ti,ab,kw (435)
23. (First near1 aid*):ti,ab,kw (122)
24. (First near1 respons*):ti,ab,kw (247)
25. (First near1 respond*):ti,ab,kw (111)
26. (Medical near2 urgen*):ti,ab,kw (12)
27. MeSH descriptor Emergencies, this term only (609)
28. (postepisod* or postadmission* or postadmit* or postreaction* or postevent* or postincident*):ti,ab,kw (39)
29. (post near (episod* or admission* or admit* or reaction* or event* or incident*)):ti,ab,kw (519)
30. (#16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29) (10,188)
31. MeSH descriptor Physical Examination, this term only (678)
32. MeSH descriptor Skin Tests explode all trees (1878)
33. ((clinical* or physical*) near2 (assess* or exam* or test* or history or histories)):ti,ab,kw (11,235)
34. MeSH descriptor Medical History Taking explode all trees (265)
35. MeSH descriptor Cornell Medical Index, this term only (6)
36. ((Medical* or patient*) near2 (histories or history)):ti,ab,kw (1003)
37. Anamnesis:ti,ab,kw (128)
38. ((identif* or trace* or tracing or track* or locat* or post* or isolat* or pinpoint* or pin-point* or ascertain* or detect* or distinguish* or recognis* or recogniz* or associate* or connect* or equat* or link* or discover* or find* or name* or naming or investigat*) near2 (causal* or cause* or causation* or trigger* or reason* or source* or sensitive* or hypersensitive* or allerg*)):ti,ab,kw (1736)
39. (allerg* near1 (test* or investigat*)):ti,ab,kw (98)
40. (Sensitivit* near1 (test* or investigat*)):ti,ab,kw (1883)
41. (hypersensitivit* near1 (test* or investigat*)):ti,ab,kw (33)
42. ((skin or intradermal* or intra-dermal* or intracutaneous* or epidermal* or cutaneous*) near1 (test* or investigat*)):ti,ab,kw (2269)
43. ((passive transfer or prausnitz kustner or kveim) near2 (test* or investigat*)):ti,ab,kw (3)
44. (RAST near2 (test or assay* or investigat*)):ti,ab,kw (87)
45. (prick near1 (test* or investigat*)):ti,ab,kw (685)
46. ((patch or percutaneous* or epicutaneous*) near1 (test* or investigat*)):ti,ab,kw (514)
47. (CAP RAST near2 (test or assay* or investigat*)):ti,ab,kw (2)
48. (specific IgE near2 (test or assay* or investigat*)):ti,ab,kw (50)
49. Fluorenzymeimmunoassay*:ti,ab,kw (0)
50. (Pharmacia CAP near2 (test or assay* or investigat*)):ti,ab,kw (1)
51. (radioallergosorben* near2 (test or assay* or investigat*)):ti,ab,kw (188)
52. (radioimmunoassay* near2 (test or investigat*)):ti,ab,kw (50)
53. ((ImmunoCAP or Immuno-CAP) near2 (test or assay* or investigat*)):ti,ab,kw (3)
54. Skin end point titration:ti,ab,kw (30)
55. rinkel serial dilution titration:ti,ab,kw (1)
56. Challenge test*:ti,ab,kw (4139)
57. (mast cell tryptase near2 (test* or assay* or investigat*)):ti,ab,kw (1)
58. (#31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38 OR #39 OR #40 OR #41 OR #42 OR #43 OR #44 OR #45) (18,252)

59. (#46 OR #47 OR #48 OR #49 OR #50 OR #51 OR #52 OR #53 OR #54 OR #55 OR #56 OR #57 OR #58) (21,882)
60. (#15 AND #30 AND #59) (6)

The CDSR search retrieved zero records.

The CENTRAL search retrieved six records.

Database of Abstracts of Reviews of Effects (DARE) (Internet): 2000 to 17 February 2011

Health Technology Assessment (HTA) (Internet): 2000 to 17 February 2011

NHS Economic Evaluation Database (NHS EED) (Internet): 2000 to 17 February 2011

www.crd.york.ac.uk/crdweb/

Searched 18 February 2011

1. MeSH Hypersensitivity (51)
2. MeSH Drug hypersensitivity (29)
3. MeSH Hypersensitivity, immediate (7)
4. MeSH Anaphylaxis (17)
5. MeSH Drug Eruptions EXPLODE 1 2 3 (12)
6. MeSH food hypersensitivity (13)
7. MeSH alveolitis, extrinsic allergic (0)
8. MeSH aspergillosis, allergic bronchopulmonary (0)
9. MeSH latex hypersensitivity (5)
10. Anaphyla* OR pseudoanaphyla* (80)
11. (severe* NEAR allerg*) OR (severity NEAR allerg*) OR (worse* NEAR allerg*) OR (acute* NEAR allerg*) (117)
12. (emergenc* NEAR allerg*) OR (urgen* NEAR allerg*) OR (grave* NEAR allerg*) OR (serious* NEAR allerg*) (50)
13. (dangerous* NEAR allerg*) OR (life-threat* NEAR allerg*) OR (lifethreat* NEAR allerg*) OR (potentially AND fatal* NEAR allerg*) (12)
14. (severe* NEAR Hypersensiti*) OR (severity NEAR Hypersensiti*) OR (worse* NEAR Hypersensiti*) OR (acute* NEAR Hypersensiti*) (29)
15. (emergenc* NEAR Hypersensiti*) OR (urgen* NEAR Hypersensiti*) OR (grave* NEAR Hypersensiti*) OR (serious* NEAR Hypersensiti*) (11)
16. (dangerous* NEAR Hypersensiti*) OR (life-threat* NEAR Hypersensiti*) OR (lifethreat* NEAR Hypersensiti*) OR (potentially AND fatal* NEAR Hypersensiti*) (5)
17. (severe* NEAR Hyper-sensiti*) OR (severity NEAR Hyper-sensiti*) OR (worse* NEAR Hyper-sensiti*) OR (acute* NEAR Hyper-sensiti*) (29)
18. (emergenc* NEAR Hyper-sensiti*) OR (urgen* NEAR Hyper-sensiti*) OR (grave* NEAR Hyper-sensiti*) OR (serious* NEAR Hyper-sensiti*) (11)
19. (dangerous* NEAR Hyper-sensiti*) OR (life-threat* NEAR Hyper-sensiti*) OR (lifethreat* NEAR Hyper-sensiti*) OR (potentially AND fatal* NEAR Hyper-sensiti*) (5)
20. (severe* NEAR Systemic*) OR (severity NEAR Systemic*) OR (worse* NEAR Systemic*) OR (acute* NEAR Systemic*) (180)
21. (emergenc* NEAR Systemic*) OR (urgen* NEAR Systemic*) OR (grave* NEAR Systemic*) OR (serious* NEAR Systemic*) (41)
22. (dangerous* NEAR Systemic*) OR (life-threat* NEAR Systemic*) OR (lifethreat* NEAR Systemic*) OR (potentially AND fatal* NEAR Systemic*) (17)
23. (dangerous* NEAR Skin) OR (life-threat* NEAR Skin) OR (lifethreat* NEAR Skin) OR (potentially AND fatal* NEAR Skin) (14)

24. (severe* NEAR Skin) OR (severity NEAR Skin) OR (worse* NEAR Skin) OR (acute* NEAR Skin) (174)
25. (emergenc* NEAR Skin) OR (urgen* NEAR Skin) OR (grave* NEAR Skin) OR (serious* NEAR Skin) (85)
26. (severe* NEAR Dermatolog*) OR (severity NEAR Dermatolog*) OR (worse* NEAR Dermatolog*) OR (acute* NEAR Dermatolog*) (41)
27. (emergenc* NEAR Dermatolog*) OR (urgen* NEAR Dermatolog*) OR (grave* NEAR Dermatolog*) OR (serious* NEAR Dermatolog*) (7)
28. (dangerous* NEAR Dermatolog*) OR (life-threat* NEAR Dermatolog*) OR (lifethreat* NEAR Dermatolog*) OR (potentially AND fatal* NEAR Dermatolog*) (0)
29. #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 (520)
30. #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 (805)
31. Emergenc* OR Casualit* OR Accident* OR Triage* OR (First NEAR aid*) OR (first NEAR respond*) OR (first NEAR response*) OR (Medical NEAR urgen*) (2942)
32. (postepisod* OR postadmission* OR postadmit* OR postreaction* OR postevent* OR postincident*) (2)
33. episod* OR admission* OR admit* OR reaction* OR event* OR incident* (10,264)
34. #31 or #32 or #33 (11,899)
35. #30 and #34 (454)
36. (identif* OR trace* OR tracing OR track* OR locat* OR post* OR isolat* OR pinpoint* OR pin-point* OR ascertain* OR detect* OR distinguish* OR recognis* OR recogniz* OR associate* OR connect* OR equat* OR link* OR discover* OR find* OR name* OR naming OR investigat*) AND (causal* OR cause* OR causation* OR trigger* OR reason* OR source* OR sensitive* OR hypersensitive* OR allerg*) (15,013)
37. (Medical* NEAR history*) OR (patient* NEAR history*) OR Anamnesis (1297)
38. (clinical* NEAR assess*) OR (clinical* NEAR exam*) OR (clinical* NEAR test*) OR (clinical* NEAR histor*) (10,981)
39. (physical* NEAR assess*) OR (physical* NEAR exam*) OR (physical* NEAR test*) OR (physical* NEAR histor*) (1206)
40. Fluorenzymeimmunoassay* (0)
41. (allerg* OR hypersentiv* OR hyper-sensitiv* OR skin OR intradermal* OR intra-dermal* OR intracutaneous* OR epidermal* OR cutaneous*) AND (test* OR investigat*) (1257)
42. (passive AND transfer OR prausnitz AND kustner OR kveim OR RAST OR prick OR patch OR percutaneous* OR epicutaneous* OR IgE OR radioallergosorben* OR radioimmunoassay* OR ImmunoCAP OR Immuno-CAP OR rinkel OR challenge OR mast AND cell) AND (test* OR assay* OR investigat*) (803)
43. #36 or #37 or #38 or #39 or #40 or #41 or #42 (20,628)
44. #44 #35 and #43 (386)

The DARE search retrieved 205 records.

The NHS EED search retrieved 165 records.

The HTA search retrieved 16 records.

Science Citation Index (SCI) (Web of Science): 1970 to 12 February 2011

Searched 14 February 2011

32 503 #31 and #30
Databases = SCI-EXPANDED Timespan = All Years

31 1391 #6 and #13
Databases = SCI-EXPANDED Timespan = All Years

- 30 >100,000 #29 OR #28
Databases = SCI-EXPANDED Timespan = All Years
- 29 18,936 #21 or #22 or #23 or #24 or #25 or #26 or #27
Databases = SCI-EXPANDED Timespan = All Years
- 28 >100,000 #14 or #15 or #16 or #17 or #18 or #19 or #20
Databases = SCI-EXPANDED Timespan = All Years
- 27 275 TS = (mast cell tryptase SAME (test* or assay* or investigat*))
Databases = SCI-EXPANDED Timespan = All Years
- 26 38 TS = (rinkel serial dilution titration or Skin end point titration or challeng test*)
Databases = SCI-EXPANDED Timespan = All Years
- 25 92 TS = ((ImmunoCAP or Immuno-CAP) SAME (test or assay* or investigat*))
Databases = SCI-EXPANDED Timespan = All Years
- 24 1538 TS = ((radioimmunoassay* or radioallergosorben*) SAME (test or investigat*))
Databases = SCI-EXPANDED Timespan = All Years
- 23 91 TS = (Pharmacia CAP SAME (test or assay* or investigat*))
Databases = SCI-EXPANDED Timespan = All Years
- 22 3155 TS = (specific IgE SAME (test or assay* or investigat*))
Databases = SCI-EXPANDED Timespan = All Years
- 21 14,235 TS = (((patch or percutaneous* or epicutaneous*) SAME (test* or investigat*))
or Fluorenzymeimmunoassay*)
Databases = SCI-EXPANDED Timespan = All Years
- 20 4189 TS = ((RAST or prick) SAME (test or assay* or investigat*))
Databases = SCI-EXPANDED Timespan = All Years
- 19 826 TS = ((passive transfer or prausnitz kustner or kveim) SAME (test* or investigat*))
Databases = SCI-EXPANDED Timespan = All Years
- 18 40,944 TS = ((skin or intradermal* or intra-dermal* or intracutaneous* or epidermal* or
cutaneous*) SAME (test* or investigat*))
Databases = SCI-EXPANDED Timespan = All Years
- 17 75,193 TS = ((allerg* or Sensitivit* or hypersensitivit*) SAME (test* or investigat*))
Databases = SCI-EXPANDED Timespan = All Years
- 16 >100,000 TS = ((identif* or trace* or tracing or track* or locat* or post* or isolat* or
pinpoint* or pin-point* or ascertain* or detect* or distinguish* or recognis*
or recogniz* or associate* or connect* or equat* or link* or discover* or find*
or name* or naming or investigat*) SAME (causal* or cause* or causation* or
trigger* or reason* or source* or sensitive* or hypersensitive* or allerg*))
Databases = SCI-EXPANDED Timespan = All Years
- 15 74,293 TS = (((Medical* or patient*) SAME (histories or history)) or Anamnesis)
Databases = SCI-EXPANDED Timespan = All Years

- 14 >100,000 TS = ((clinical* or physical*) SAME (assess* or exam* or test* or history or histories))
Databases = SCI-EXPANDED Timespan = All Years
- 13 >100,000 #7 or #8 or #9 or #10 or #11 or #12
Databases = SCI-EXPANDED Timespan = All Years
- 12 13,113 TS = (post SAME (episod* or admission* or admit* or reaction* or event* or incident*))
Databases = SCI-EXPANDED Timespan = All Years
- 11 372 TS = (postepisod* or postadmission* or postadmit* or postreaction* or postevent* or postincident*)
Databases = SCI-EXPANDED Timespan = All Years
- 10 >100,000 TS = ((Medical SAME urgen*) or (First response* or first respond*))
Databases = SCI-EXPANDED Timespan = All Years
- 9 3039 TS = ((Triage* or First aid*) or (Accident SAME emergency))
Databases = SCI-EXPANDED Timespan = All Years
- 8 682 TS = (Casualty SAME (department* or admit* or admission* or patient* or case* or care or medicat* or interven* or therap* or patient*))
Databases = SCI-EXPANDED Timespan = All Years
- 7 71,359 TS = (Emergenc* SAME (treat* or admit* or admission* or episode* or case* or patient* or department* or room* or rooms or care or medic* or interven* or therap* or hospital* or service*))
Databases = SCI-EXPANDED Timespan = All Years
- 6 23,983 #4 not #5
Databases = SCI-EXPANDED Timespan = All Years
- 5 >100,000 TS = (cat or cats or dog or dogs or animal or animals or rat or rats or hamster or hamster or feline or ovine or canine or bovine or sheep)
Databases = SCI-EXPANDED Timespan = All Years
- 4 28,875 #1 or #2 or #3
Databases = SCI-EXPANDED Timespan = All Years
- 3 7739 TS = ((severe* or severity or worse* or acute* or emergenc* or urgen* or grave* or serious* or dangerous* or life-threat* or lifethreat* or potentially fatal*) SAME (systemic* or allerg* or skin* or dermatolog* or cutaneous*) SAME (reaction* or effect* or event* or rash*))
Databases = SCI-EXPANDED Timespan = All Years
- 2 8259 TS = ((severe* or severity or worse* or acute* or emergenc* or urgen* or grave* or serious* or dangerous* or life-threat* or lifethreat* or potentially fatal*) SAME (allerg* or Hypersensiti* or hyper-sensiti*))
Databases = SCI-EXPANDED Timespan = All Years
- 1 16,857 TS = (Anaphyla* or pseudoanaphyla*)
Databases = SCI-EXPANDED Timespan = All Years

Cumulative Index to Nursing and Allied Health Literature (CINAHL; EBSCOhost): 1981 to 18 February 2011

Searched 23 February 2011

- S27 s14 and s26 Limiters - Exclude MEDLINE records (13)
- S26 s15 or s16 or s17 or s18 or s19 or s20 or s21 or s22 or s23 or s24 or s25 (161,809)
- S25 TX ((Skin N1 end N1 point N1 titration) or (rinkel N2 titration) or (Challenge N2 test*)) or TX ((mast N2 cell N2 test*) or (mast N2 cell N2 assay*) or (mast N2 cell N2 investigat*)) (498)
- S24 TX ((CAP N2 test*) or (CAP N2 assay*) or (CAP N2 investigat*) or (IMMUNOCAP N2 test*) or (IMMUNOCAP N2 assay*) or (IMMUNOCAP N2 investigat*)) or TX ((radioallergosorben* N2 test*) or (radioallergosorben* N2 assay*) or (radioallergosorben* N2 investigat*)) or TX ((radioimmunoassay* N2 test*) or (radioimmunoassay* N2 assay*) or (radioimmunoassay* N2 investigat*)) (214)
- S23 TX ((RAST N2 test*) or (RAST N2 assay*) or (RAST N2 investigat*)) or TX ((patch N1 test*) or (percutaneous* N1 test*) or (epicutaneous* N1 test*) or (patch N1 investigat*) or (percutaneous* N1 investigat*) or (epicutaneous* N1 investigat*)) or TX ((IgE N2 test*) or (IgE N2 assay*) or (IgE N2 investigat*) or Fluorenzymeimmunoassay*) (400)
- S22 TX ((allerg* N1 test*) or (allerg* N1 investigat*) or (sensitivit* N1 test*) or (sensitivit* N1 investigat*) or (hypersensitivit* N1 test*) or (hypersensitivit* N1 investigat*)) or TX ((epidermal* N1 test*) or (epidermal* N1 investigat*) or (cutaneous* N1 test*) or (cutaneous* N1 investigat*)) or TX ((passive N1 transfer) or (prausnitz N1 kustner) or kveim or (prick N1 test*) or (prick N1 investigat*)) (6490)
- S21 AB (identif* or trace* or tracing or track* or locat* or post* or isolat* or pinpoint* or pin-point* or ascertain* or detect* or distinguish* or recognis* or recogniz* or associate* or connect* or equat* or link* or discover* or find* or name* or naming or investigat*) and AB (causal* or cause* or causation* or trigger* or reason* or source* or sensitive* or hypersensitive* or allerg*) (91,791)
- S20 TI (identif* or trace* or tracing or track* or locat* or post* or isolat* or pinpoint* or pin-point* or ascertain* or detect* or distinguish* or recognis* or recogniz* or associate* or connect* or equat* or link* or discover* or find* or name* or naming or investigat*) and TI (causal* or cause* or causation* or trigger* or reason* or source* or sensitive* or hypersensitive* or allerg*) (2143)
- S19 TX (skin N1 test*) or (skin N1 investigat*) or (intra-dermal* N1 test*) or (intra-dermal* N1 investigat*) or (intra-dermal* N1 test*) or (intra-dermal* N1 investigat*) or (intra-cutaneous* N1 test*) or (intra-cutaneous* N1 investigat*) or (intra-cutaneous* N1 test*) or (intra-cutaneous* N1 investigat*) (2374)
- S18 TX ((clinical* N2 assess*) or (clinical* N2 exam*) or (clinical* N2 test*) or (clinical* N2 history) or (clinical* N2 histories)) or TX ((physical* N2 assess*) or (physical* N2 exam*) or (physical* N2 test*) or (physical* N2 history) or (physical* N2 histories)) or TX ((Medical* N2 histor*) or (patient* N2 histor*) or Anamnesis) (88,383)
- S17 (MH "Patient History Taking+") (8658)
- S16 (MH "Physical Examination+") OR (MH "Skin Tests+") (45,744)

- S15 (MH "Clinical Assessment Tools+") (66,572)
- S14 s9 and s13 (379)
- S13 s10 or s11 or s12 (105,090)
- S12 TX ((Accident N2 emergency) or (Emergenc* N3 treat*) or (Emergenc* N3 admit*) or (Emergenc* N3 admission*) or (Emergenc* N3 episode*) or (Emergenc* N3 case*) or (Emergenc* N3 patient*) or (Emergenc* N3 department*) or (Emergenc* N3 room*) or (Emergenc* N3 rooms) or (Emergenc* N3 care) or (Emergenc* N3 medic*) or (Emergenc* N3 interven*) or (Emergenc* N3 therap*) or (Emergenc* N3 hospital*) or (Emergenc* N3 service*)) or TX ((Casualty* N3 department*) or (Casualty* N3 admit*) or (Casualty* N3 admission*) or (Casualty* N3 case*) or (Casualty* N3 patient*) or (Casualty* N3 medic*) or (Casualty* N3 interven*) or (Casualty* N3 therap*)) or TX ((postepisod* or postadmission* or postadmit* or postreaction* or postevent* or postincident*)) or TX ((post N1 episod*) or (post N1 admission*) or (post N1 admit*) or (post N1 reaction*) or (post N1 event*) or (post N1 incident*)) (99,683)
- S11 (MH "Emergency Medical Services+") (40,158)
- S10 (MH "Emergencies") (3245)
- S9 s1 or s2 or s3 or s4 or s5 or s6 or s7 or s8 (30,528)
- S8 TX (severe* N2 rash*) or (severity N2 rash*) or (worse* N2 rash*) or (acute* N2 rash*) or (emergenc* N2 rash*) or (urgen* N2 rash*) or (grave* N2 rash*) or (serious* N2 rash*) or (dangerous* N2 rash*) or (life-threat* N2 rash*) or (lifethreat* N2 rash*) or (potentially N3 fatal* N2 rash*) (97)
- S7 TX ((severe* N2 reaction*) or (severity N2 reaction*) or (worse* N2 reaction*) or (acute* N2 reaction*) or (emergenc* N2 reaction*) or (urgen* N2 reaction*) or (grave* N2 reaction*) or (serious* N2 reaction*) or (dangerous* N2 reaction*) or (life-threat* N2 reaction*) or (lifethreat* N2 reaction*) or (potentially N3 fatal* N2 reaction*)) or TX ((severe* N2 effect*) or (severity N2 effect*) or (worse* N2 effect*) or (acute* N2 effect*) or (emergenc* N2 effect*) or (urgen* N2 effect*) or (grave* N2 effect*) or (serious* N2 effect*) or (dangerous* N2 effect*) or (life-threat* N2 effect*) or (lifethreat* N2 effect*) or (potentially N3 fatal* N2 effect*)) or TX ((severe* N2 event*) or (severity N2 event*) or (worse* N2 event*) or (acute* N2 event*) or (emergenc* N2 event*) or (urgen* N2 event*) or (grave* N2 event*) or (serious* N2 event*) or (dangerous* N2 event*) or (life-threat* N2 event*) or (lifethreat* N2 event*) or (potentially N3 fatal* N2 event*)) TX ((severe* N2 reaction*) or (severity N2 reaction*) or (worse* N2 reaction*) or (acute* N2 reaction*) or (emergenc* N2 reaction*) or (urgen* N2 reaction*) or (grave* N2 reaction*) or (serious* N2 reaction*) or (dangerous* N2 reaction*) or (life-threat* N2 reaction*) or (lifethreat* N2 reaction*) or (potentially N3 fatal* N2 reaction*)) or TX ((severe* N2 effect*) or (severity N2 effect*) or (worse* N2 effect*) or (acute* N2 effect*) or (emergenc* N2 effect*) or (urgen* N2 effect*) or (grave* N2 effect*) or (serious* N2 effect*) or (dangerous* N2 effect*) or (life-threat* N2 effect*) or (lifethreat* N2 effect*) or (potentially N3 fatal* N2 effect*)) or TX ((severe* N2 event*) or (severity N2 event*) or (worse* N2 event*) or (acute* N2 event*) or (emergenc* N2 event*) or (urgen* N2 event*) or (grave* N2 event*) or (serious* N2 event*) or (dangerous* N2 event*) or (life-threat* N2 event*) or (lifethreat* N2 event*) or (potentially N3 fatal* N2 event*)) (9240)
- S6 TX ((severe* N3 allerg*) or (severity N3 allerg*) or (worse* N3 allerg*) or (acute* N3 allerg*) or (emergenc* N3 allerg*) or (urgen* N3 allerg*) or (grave* N3 allerg*) or (serious* N3 allerg*))

or (dangerous* N3 allerg*) or (life-threat* N3 allerg*) or (lifethreat* N3 allerg*) or (potentially N3 fatal* N3 allerg*) or TX ((severe* N3 hypersensiti*) or (severity N3 hypersensiti*) or (worse* N3 hypersensiti*) or (acute* N3 hypersensiti*) or (emergenc* N3 hypersensiti*) or (urgen* N3 hypersensiti*) or (grave* N3 hypersensiti*) or (serious* N3 hypersensiti*) or (dangerous* N3 hypersensiti*) or (life-threat* N3 hypersensiti*) or (lifethreat* N3 hypersensiti*) or (potentially N3 fatal* N3 hypersensiti*)) or TX ((severe* N3 hyper-sensiti*) or (severity N3 hyper-sensiti*) or (worse* N3 hyper-sensiti*) or (acute* N3 hyper-sensiti*) or (emergenc* N3 hyper-sensiti*) or (urgen* N3 hyper-sensiti*) or (grave* N3 hyper-sensiti*) or (serious* N3 hyper-sensiti*) or (dangerous* N3 hyper-sensiti*) or (life-threat* N3 hyper-sensiti*) or (lifethreat* N3 hyper-sensiti*) or (potentially N3 fatal* N3 hyper-sensiti*)) (711)

S5 TI (Anaphyla* or pseudoanaphyla*) or AB (Anaphyla* or pseudoanaphyla*) (1234)

S4 (MH "Latex Hypersensitivity") (1229)

S3 (MH "Food Hypersensitivity+") (1992)

S2 (MH "Drug Hypersensitivity") (1362)

S1 (MH "Hypersensitivity, Immediate+") (20,402)

What are the effects of providing adrenaline auto-injectors, including by whom? (Adrenaline auto-injectors search.)

The auto-injectors search was conducted between February and March 2011.

Medline (OvidSP): 1948 to week 3 February 2011

Searched 24 February 2011

1. hypersensitivity/ or drug hypersensitivity/ or exp drug eruptions/ or hypersensitivity, immediate/ or anaphylaxis/ or asthma, aspirin-induced/ or eosinophilic esophagitis/ (84,731)
2. food hypersensitivity/ or alveolitis, extrinsic allergic/ or aspergillosis, allergic bronchopulmonary/ or latex hypersensitivity/ (15,506)
3. (Anaphyla\$ or pseudoanaphyla\$).ti,ab,ot,hw. (24,636)
4. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj3 (allerg\$ or Hypersensiti\$ or hyper-sensiti\$)).ti,ab,ot,hw. (4381)
5. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj2 (systemic\$ or allerg\$ or skin\$ or dermatolog\$ or cutaneous\$) adj2 (reaction\$ or effect\$ or event\$ or rash\$)).ti,ot,ab. (2281)
6. or/1-5 (107,806)
7. ((IM or Intramuscul\$ or Intra-muscul\$ or inject\$) adj3 (Epinephrine or adrenaline)).ti,ab,ot,hw. (1726)
8. (auto-inject\$ or autoinject\$).ti,ab,ot,hw. (386)
9. (epipen\$ or epi-pen\$ or anapen\$ or ana-pen\$ or twinject\$ or twin-ject\$ or jext\$).ti,ab,ot,hw. (94)
10. ((self-medicat\$ or selfmedicat\$ or selfadminister\$ or self-administer\$ or selfinject\$ or self-inject\$) adj3 (Epinephrine or adrenaline)).ti,ab,ot,hw. (99)
11. or/7-10 (2109)
12. 6 and 11 (342)
13. animals/ not (animals/ and humans/) (3,452,597)
14. 12 not 13 (333)

Medline In-Process Citations (OvidSP): up to 23 February 2011
Medline Daily Update (OvidSP): up to 23 February 2011

Searched 24 February 2011

1. hypersensitivity/ or drug hypersensitivity/ or exp drug eruptions/ or hypersensitivity, immediate/ or anaphylaxis/ or asthma, aspirin-induced/ or eosinophilic esophagitis/ (23)
2. food hypersensitivity/ or alveolitis, extrinsic allergic/ or aspergillosis, allergic bronchopulmonary/ or latex hypersensitivity/ (8)
3. (Anaphyla\$ or pseudoanaphyla\$).ti,ab,ot,hw. (553)
4. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj3 (allerg\$ or Hypersensiti\$ or hyper-sensiti\$)).ti,ab,ot,hw. (168)
5. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj2 (systemic\$ or allerg\$ or skin\$ or dermatolog\$ or cutaneous\$) adj2 (reaction\$ or effect\$ or event\$ or rash\$)).ti,ot,ab. (88)
6. or/1-5 (766)
7. ((IM or Intramuscul\$ or Intra-muscul\$ or inject\$) adj3 (Epinephrine or adrenaline)).ti,ab,ot,hw. (58)
8. (auto-inject\$ or autoinject\$).ti,ab,ot,hw. (23)
9. (epipen\$ or epi-pen\$ or anapen\$ or ana-pen\$ or twinject\$ or twin-ject\$ or ject\$).ti,ab,ot,hw. (6)
10. ((self-medicat\$ or selfmedicat\$ or selfadminister\$ or self-administer\$ or selfinject\$ or self-inject\$) adj3 (Epinephrine or adrenaline)).ti,ab,ot,hw. (5)
11. or/7-10 (77)
12. 6 and 11 (16)
13. animals/ not (animals/ and humans/) (1025)
14. 12 not 13 (16)

EMBASE (OvidSP): 1980 to week 10 2011

Searched 16 March 2011

1. Hypersensitivity/ or exp Drug hypersensitivity/ or exp drug eruptions/ or Hypersensitivity-Reaction/ or Immediate-Type-Hypersensitivity/ (88,290)
2. Eosinophilic esophagitis/ or Food-Allergy/ or Allergic-Pneumonitis/ or Allergic-Bronchopulmonary-Aspergillosis/ (18,423)
3. Anaphylactic-Shock/ or Anaphylactoid-Purpura/ or Passive-Skin-Anaphylaxis/ or Skin-Anaphylaxis/ or Anaphylaxis/ (32,909)
4. (Anaphyla\$ or pseudoanaphyla\$).ti,ab,ot,hw. (39,414)
5. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj3 (allerg\$ or Hypersensiti\$ or hyper-sensiti\$)).ti,ab,ot,hw. (5959)
6. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj2 (systemic\$ or allerg\$ or skin\$ or dermatolog\$ or cutaneous\$) adj2 (reaction\$ or effect\$ or event\$ or rash\$)).ti,ot,ab. (3063)
7. or/1-6 (137,588)
8. animal/ or animal experiment/ (3,059,048)
9. (rat or rats or mouse or mice or murine or rodent or rodents or hamster or hamsters or pig or pigs or porcine or rabbit or rabbits or animal or animals or dogs or dog or cats or cow or bovine or sheep or ovine or monkey or monkeys).mp. (4,688,188)
10. or/8-9 (4,688,188)
11. exp human/ or human experiment/ (12,277,839)
12. 10 not (10 and 11) (3,764,868)
13. 7 not 12 (123,461)

14. intramuscular drug administration/ (54,836)
15. adrenalin/ (75,165)
16. 14 and 15 (786)
17. adrenalin/im [Intramuscular Drug Administration] (729)
18. ((IM or Intramuscul\$ or Intra-muscul\$ or inject\$) adj3 (Epinephrine or adrenaline)).mp. (2002)
19. (auto-inject\$ or autoinject\$).mp. (595)
20. (epipen\$ or epi-pen\$ or anapen\$ or ana-pen\$ or twinject\$ or twin-ject\$ or jext\$).mp. (427)
21. ((self-medicat\$ or selfmedicat\$ or selfadminister\$ or self-administer\$ or selfinject\$ or self-inject\$) adj3 (Epinephrine or adrenaline)).mp. (160)
22. or/16-21 (4091)
23. 13 and 22 (1340)

Cochrane Database of Systematic Reviews (CDSR) (Internet) Issue 2: 2011
Cochrane Central Register of Controlled Trials (CENTRAL) (Internet) Issue 1: 2011
<http://cochranelibrary.com/>

Searched 16 March 2011

1. MeSH descriptor Hypersensitivity, this term only (525)
2. MeSH descriptor Anaphylaxis, this term only (142)
3. MeSH descriptor Asthma, Aspirin-Induced explode all trees (0)
4. MeSH descriptor Drug Hypersensitivity, this term only (403)
5. MeSH descriptor Drug Eruptions explode all trees (354)
6. MeSH descriptor Eosinophilic Esophagitis, this term only (0)
7. MeSH descriptor Hypersensitivity, Immediate, this term only (382)
8. MeSH descriptor Food Hypersensitivity, this term only (381)
9. MeSH descriptor Alveolitis, Extrinsic Allergic, this term only (11)
10. MeSH descriptor Latex Hypersensitivity, this term only (28)
11. MeSH descriptor Aspergillosis, Allergic Bronchopulmonary, this term only (11)
12. (anaphyla* OR pseudoanaphyla*):ti,ab,kw (533)
13. ((severe* or severity or worse* or acute* or emergenc* or urgen* or grave* or serious* or dangerous* or life-threat* or lifethreat or potentially fatal*) near3 (allerg* or hypersensiti* or hypersensiti*)):ti,ab,kw (409)
14. ((severe* or severity or worse* or acute* or emergenc* or urgen* or grave* or serious* or dangerous* or life-threat* or lifethreat or potentially fatal*) near2 (systemic* or allerg* or skin* or dermatolog* or cutaneous*) near2 (reaction* or effect* or event* or rash*)):ti,ab,kw (107)
15. (#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14) (2811)
16. ((IM or Intramuscul* or Intra-muscul* or inject*) near3 (Epinephrine or adrenaline)):ti,ab,kw (302)
17. (auto-inject* or autoinject*):ti,ab,kw (38)
18. (epipen* or epi-pen* or anapen* or ana-pen* or twinject* or twin-ject* or jext*):ti,ab,kw (8)
19. ((self-medicat* or selfmedicat* or selfadminister* or self-administer* or selfinject* or self-inject*) near3 (Epinephrine or adrenaline)):ti,ab,kw (3)
20. (#16 OR #17 OR #18 OR #19) (341)
21. (#15 AND #20) (18)

The CDSR search retrieved two records.

The CENTRAL search retrieved 15 records.

Database of Abstracts of Reviews of Effects (DARE) (Internet): 2000 to 16 March 2011

Health Technology Assessment (HTA) (Internet): 2000 to 16 March 2011

NHS Economic Evaluation Database (NHS EED) (Internet): 2000 to 16 March 2011

www.crd.york.ac.uk/crdweb/

Searched 16 March 2011

1. MeSH Hypersensitivity (51)
2. MeSH Drug hypersensitivity (29)
3. MeSH Hypersensitivity, immediate (7)
4. MeSH Anaphylaxis (17)
5. MeSH Drug Eruptions EXPLODE 1 2 3 (12)
6. MeSH food hypersensitivity (14)
7. MeSH alveolitis, extrinsic allergic (0)
8. MeSH aspergillosis, allergic bronchopulmonary (0)
9. MeSH latex hypersensitivity (5)
10. Anaphyla* OR pseudoanaphyla* (80)
11. (severe* NEAR allerg*) OR (severity NEAR allerg*) OR (worse* NEAR allerg*) OR (acute* NEAR allerg*) (117)
12. (emergenc* NEAR allerg*) OR (urgen* NEAR allerg*) OR (grave* NEAR allerg*) OR (serious* NEAR allerg*) (50)
13. (dangerous* NEAR allerg*) OR (life-threat* NEAR allerg*) OR (lifethreat* NEAR allerg*) OR (potentially AND fatal* NEAR allerg*) (12)
14. (severe* NEAR Hypersensiti*) OR (severity NEAR Hypersensiti*) OR (worse* NEAR Hypersensiti*) OR (acute* NEAR Hypersensiti*) (29)
15. (emergenc* NEAR Hypersensiti*) OR (urgen* NEAR Hypersensiti*) OR (grave* NEAR Hypersensiti*) OR (serious* NEAR Hypersensiti*) (11)
16. (dangerous* NEAR Hypersensiti*) OR (life-threat* NEAR Hypersensiti*) OR (lifethreat* NEAR Hypersensiti*) OR (potentially AND fatal* NEAR Hypersensiti*) (5)
17. (severe* NEAR Hyper-sensiti*) OR (severity NEAR Hyper-sensiti*) OR (worse* NEAR Hyper-sensiti*) OR (acute* NEAR Hyper-sensiti*) (29)
18. (emergenc* NEAR Hyper-sensiti*) OR (urgen* NEAR Hyper-sensiti*) OR (grave* NEAR Hyper-sensiti*) OR (serious* NEAR Hyper-sensiti*) (11)
19. (dangerous* NEAR Hyper-sensiti*) OR (life-threat* NEAR Hyper-sensiti*) OR (lifethreat* NEAR Hyper-sensiti*) OR (potentially AND fatal* NEAR Hyper-sensiti*) (5)
20. (severe* NEAR Systemic*) OR (severity NEAR Systemic*) OR (worse* NEAR Systemic*) OR (acute* NEAR Systemic*) (180)
21. (emergenc* NEAR Systemic*) OR (urgen* NEAR Systemic*) OR (grave* NEAR Systemic*) OR (serious* NEAR Systemic*) (41)
22. (dangerous* NEAR Systemic*) OR (life-threat* NEAR Systemic*) OR (lifethreat* NEAR Systemic*) OR (potentially AND fatal* NEAR Systemic*) (18)
23. (dangerous* NEAR Skin) OR (life-threat* NEAR Skin) OR (lifethreat* NEAR Skin) OR (potentially AND fatal* NEAR Skin) (14)
24. (severe* NEAR Skin) OR (severity NEAR Skin) OR (worse* NEAR Skin) OR (acute* NEAR Skin) (175)
25. (emergenc* NEAR Skin) OR (urgen* NEAR Skin) OR (grave* NEAR Skin) OR (serious* NEAR Skin) (85)
26. (severe* NEAR Dermatolog*) OR (severity NEAR Dermatolog*) OR (worse* NEAR Dermatolog*) OR (acute* NEAR Dermatolog*) (41)
27. (emergenc* NEAR Dermatolog*) OR (urgen* NEAR Dermatolog*) OR (grave* NEAR Dermatolog*) OR (serious* NEAR Dermatolog*) (7)
28. (dangerous* NEAR Dermatolog*) OR (life-threat* NEAR Dermatolog*) OR (lifethreat* NEAR Dermatolog*) OR (potentially AND fatal* NEAR Dermatolog*) (0)

29. #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 (521)
30. #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 (808)
31. (auto-inject* OR autoinject*) (3)
32. (epipen* OR epi-pen* OR anapen* OR ana-pen* OR twinject* OR twin-ject* OR ject*) (7)
33. (self-medocat* NEAR Epinephrine) OR (selfmedicat* NEAR Epinephrine) OR (selfadminister* NEAR Epinephrine) OR (self-administer* NEAR Epinephrine) OR (selfinject* NEAR Epinephrine) OR (self-inject* NEAR Epinephrine) (1)
34. (self-medocat* NEAR Adrenaline) OR (selfmedicat* NEAR Adrenaline) OR (selfadminister* NEAR Adrenaline) OR (self-administer* NEAR Adrenaline) OR (selfinject* NEAR Adrenaline) OR (self-inject* NEAR Adrenaline) (0)
35. (IM NEAR adrenaline) OR (Intramuscul* NEAR adrenaline) OR (Intra-muscul* NEAR adrenaline) OR (inject* NEAR adrenaline) (3)
36. (IM NEAR Epinephrine) OR (Intramuscul* NEAR Epinephrine) OR (Intra-muscul* NEAR Epinephrine) OR (inject* NEAR Epinephrine) (13)
37. #31 or #32 or #33 or #34 or #35 or #36 (25)
38. #30 and #37 (5)

The DARE search retrieved three records.

The NHS EED search retrieved two records.

The HTA search retrieved zero records.

Science Citation Index (SCI) (Web of Science): 1970 to 12 February 2011

Searched 14 February 2011

12 259 #6 and #11

Databases = SCI-EXPANDED Timespan = All Years

11 713 #7 or #8 or #9 or #10

Databases = SCI-EXPANDED Timespan = All Years

10 114 TS = ((self-medocat* or selfmedicat* or selfadminister* or self-administer* or selfinject* or self-inject*) SAME (Epinephrine or adrenaline))

Databases = SCI-EXPANDED Timespan = All Years

9 173 TS = (epipen* or epi-pen* or anapen* or ana-pen* or twinject* or twin-ject* or ject*)

Databases = SCI-EXPANDED Timespan = All Years

8 396 TS = (auto-inject* or autoinject*)

Databases = SCI-EXPANDED Timespan = All Years

7 183 TS = ((IM or Intramuscul* or Intra-muscul* or injector*) SAME (Epinephrine or adrenaline))

Databases = SCI-EXPANDED Timespan = All Years

6 23,983 #4 not #5

Databases = SCI-EXPANDED Timespan = All Years

5 >100,000 TS = (cat or cats or dog or dogs or animal or animals or rat or rats or hamster or hamster or feline or ovine or canine or bovine or sheep)

Databases = SCI-EXPANDED Timespan = All Years

4 28,875 #1 or #2 or #3
Databases = SCI-EXPANDED Timespan = All Years

3 7739 TS = ((severe* or severity or worse* or acute* or emergenc* or urgen* or grave* or serious* or dangerous* or life-threat* or lifethreat* or potentially fatal*) SAME (systemic* or allerg* or skin* or dermatolog* or cutaneous*) SAME (reaction* or effect* or event* or rash*))

Databases = SCI-EXPANDED Timespan = All Years

2 8259 TS = ((severe* or severity or worse* or acute* or emergenc* or urgen* or grave* or serious* or dangerous* or life-threat* or lifethreat* or potentially fatal*) SAME (allerg* or Hypersensiti* or hyper-sensiti*))

Databases = SCI-EXPANDED Timespan = All Years

1 16,857 TS = (Anaphyla* or pseudoanaphyla*)

Databases = SCI-EXPANDED Timespan = All Years

Cumulative Index to Nursing and Allied Health Literature (CINAHL; EBSCOhost): 1981 to 18 February 2011

Searched 23 February 2011

S14 s9 and s13 Limiters - Exclude MEDLINE records (2)

S13 s10 or s11 or s12 (249)

S12 TX ((Epinephrine N3 self-medicat*) or (Epinephrine N3 selfmedicat*) or (Epinephrine N3 selfadminister*) or (Epinephrine N3 self-administer*) or (Epinephrine N3 selfinject*) or (Epinephrine N3 self-inject*)) or TX ((Adrenaline N3 self-medicat*) or (Adrenaline N3 selfmedicat*) or (Adrenaline N3 selfadminister*) or (Adrenaline N3 self-administer*) or (Adrenaline N3 selfinject*) or (Adrenaline N3 self-inject*)) (41)

S11 TX ((adrenaline N2 Intramuscul*) or (adrenaline N2 Intra-muscul*) or (adrenaline N2 inject*)) or TX ((Epinephrine N2 Intramuscul*) or (Epinephrine N2 Intra-muscul*) or (Epinephrine N2 inject*)) (161)

S10 TX (auto-inject* or autoinject* or epipen* or epi-pen* or anapen* or ana-pen* or twinject* or twin-ject* or ject*) ((119)

S9 s1 or s2 or s3 or s4 or s5 or s6 or s7 or s8 ((30528)

S8 TX (severe* N2 rash*) or (severity N2 rash*) or (worse* N2 rash*) or (acute* N2 rash*) or (emergenc* N2 rash*) or (urgen* N2 rash*) or (grave* N2 rash*) or (serious* N2 rash*) or (dangerous* N2 rash*) or (life-threat* N2 rash*) or (lifethreat* N2 rash*) or (potentially N3 fatal* N2 rash*) ((97)

S7 TX ((severe* N2 reaction*) or (severity N2 reaction*) or (worse* N2 reaction*) or (acute* N2 reaction*) or (emergenc* N2 reaction*) or (urgen* N2 reaction*) or (grave* N2 reaction*) or (serious* N2 reaction*) or (dangerous* N2 reaction*) or (life-threat* N2 reaction*) or (lifethreat* N2 reaction*) or (potentially N3 fatal* N2 reaction*)) or TX ((severe* N2 effect*) or (severity N2 effect*) or (worse* N2 effect*) or (acute* N2 effect*) or (emergenc* N2 effect*) or (urgen* N2

- effect*) or (grave* N2 effect*) or (serious* N2 effect*) or (dangerous* N2 effect*) or (life-threat* N2 effect*) or (lifethreat* N2 effect*) or (potentially N3 fatal* N2 effect*) or TX ((severe* N2 event*) or (severity N2 event*) or (worse* N2 event*) or (acute* N2 event*) or (emergenc* N2 event*) or (urgen* N2 event*) or (grave* N2 event*) or (serious* N2 event*) or (dangerous* N2 event*) or (life-threat* N2 event*) or (lifethreat* N2 event*) or (potentially N3 fatal* N2 event*)) TX ((severe* N2 reaction*) or (severity N2 reaction*) or (worse* N2 reaction*) or (acute* N2 reaction*) or (emergenc* N2 reaction*) or (urgen* N2 reaction*) or (grave* N2 reaction*) or (serious* N2 reaction*) or (dangerous* N2 reaction*) or (life-threat* N2 reaction*) or (lifethreat* N2 reaction*) or (potentially N3 fatal* N2 reaction*)) or TX ((severe* N2 effect*) or (severity N2 effect*) or (worse* N2 effect*) or (acute* N2 effect*) or (emergenc* N2 effect*) or (urgen* N2 effect*) or (grave* N2 effect*) or (serious* N2 effect*) or (dangerous* N2 effect*) or (life-threat* N2 effect*) or (lifethreat* N2 effect*) or (potentially N3 fatal* N2 effect*)) or TX ((severe* N2 event*) or (severity N2 event*) or (worse* N2 event*) or (acute* N2 event*) or (emergenc* N2 event*) or (urgen* N2 event*) or (grave* N2 event*) or (serious* N2 event*) or (dangerous* N2 event*) or (life-threat* N2 event*) or (lifethreat* N2 event*) or (potentially N3 fatal* N2 event*)) (9240)
- S6 TX ((severe* N3 allerg*) or (severity N3 allerg*) or (worse* N3 allerg*) or (acute* N3 allerg*) or (emergenc* N3 allerg*) or (urgen* N3 allerg*) or (grave* N3 allerg*) or (serious* N3 allerg*) or (dangerous* N3 allerg*) or (life-threat* N3 allerg*) or (lifethreat* N3 allerg*) or (potentially N3 fatal* N3 allerg*)) or TX ((severe* N3 hypersensiti*) or (severity N3 hypersensiti*) or (worse* N3 hypersensiti*) or (acute* N3 hypersensiti*) or (emergenc* N3 hypersensiti*) or (urgen* N3 hypersensiti*) or (grave* N3 hypersensiti*) or (serious* N3 hypersensiti*) or (dangerous* N3 hypersensiti*) or (life-threat* N3 hypersensiti*) or (lifethreat* N3 hypersensiti*) or (potentially N3 fatal* N3 hypersensiti*)) or TX ((severe* N3 hyper-sensiti*) or (severity N3 hyper-sensiti*) or (worse* N3 hyper-sensiti*) or (acute* N3 hyper-sensiti*) or (emergenc* N3 hyper-sensiti*) or (urgen* N3 hyper-sensiti*) or (grave* N3 hyper-sensiti*) or (serious* N3 hyper-sensiti*) or (dangerous* N3 hyper-sensiti*) or (life-threat* N3 hyper-sensiti*) or (lifethreat* N3 hyper-sensiti*) or (potentially N3 fatal* N3 hyper-sensiti*)) (711)
- S5 TI (Anaphyla* or pseudoanaphyla*) or AB (Anaphyla* or pseudoanaphyla*) ((1234)
- S4 (MH "Latex Hypersensitivity") (1229)
- S3 (MH "Food Hypersensitivity+") (1992)
- S2 (MH "Drug Hypersensitivity") (1362)
- S1 (MH "Hypersensitivity, Immediate+") (20,402)

After assessment, when should referral take place? (Specialist referral search.)

The referral search was conducted between February and March 2011.

MEDLINE (OvidSP): 1948 to week 1 March 2011

Searched 16 March 2011

1. hypersensitivity/ or drug hypersensitivity/ or exp drug eruptions/ or hypersensitivity, immediate/ or anaphylaxis/ or asthma, aspirin-induced/ or eosinophilic esophagitis/ (84,975)
2. food hypersensitivity/ or alveolitis, extrinsic allergic/ or aspergillosis, allergic bronchopulmonary/ or latex hypersensitivity/ (15,556)
3. (Anaphyla\$ or pseudoanaphyla\$.ti,ab,ot,hw. (24,706)

4. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj3 (allerg\$ or Hypersensiti\$ or hyper-sensiti\$)).ti,ab,ot,hw. (4403)
5. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj2 (systemic\$ or allerg\$ or skin\$ or dermatolog\$ or cutaneous\$) adj2 (reaction\$ or effect\$ or event\$ or rash\$)).ti,ot,ab. (2290)
6. or/1-5 (108,132)
7. "referral and consultation"/ or gatekeeping/ (44,777)
8. (Refer\$ or consultation\$ or Gatekeep\$ or gatekeep\$).ti,ab,ot,hw. (579,743)
9. (Second opinion\$ or 2nd opinion\$).ti,ab,ot,hw. (1043)
10. (followup\$ or follow-up\$ or outpatient\$ or out-patient\$).ti,ab,ot,hw. (799,644)
11. Outpatient Clinics, Hospital/ (13,094)
12. (Allergist\$ or aftercare or after-care).ti,ab,ot,hw. (8709)
13. aftercare/ (6002)
14. or/7-14 (1,332,348)
15. 6 and 15 (6587)
16. animals/ not (animals/ and humans/) (3,464,943)
17. 16 not 17 (6367)
18. exp Emergency Treatment/ (81,416)
19. (Accident adj2 emergency).ti,ab,ot,hw. (3508)
20. exp Emergency Medical Services/ (76,776)
21. (Emergenc\$ adj3 (treat\$ or admit\$ or admission\$ or episode\$ or case\$ or patient\$ or department\$ or room\$ or rooms or care or medic\$ or intervene\$ or therap\$ or hospital\$ or service\$)).ti,ab,ot,hw. (116,473)
22. (Casualty adj2 (department\$ or admit\$ or admission\$ or patient\$ or case\$ or care or medicat\$ or intervene\$ or therap\$ or patient\$)).ti,ab,ot,hw. (829)
23. (Accident adj2 emergency).ti,ab,ot,hw. (3508)
24. Triage\$.ti,ab,ot,hw. (9975)
25. First aid\$.ti,ab,ot,hw. (8343)
26. (First response\$ or first respond\$).ti,ab,ot,hw. (1567)
27. (Medical adj2 urgen\$).ti,ab,ot,hw. (431)
28. Emergencies/ (31,418)
29. (postepisod\$ or postadmission\$ or postadmit\$ or postreaction\$ or postevent\$ or postincident\$).ti,ab,ot,hw. (380)
30. (post adj (episod\$ or admission\$ or admit\$ or reaction\$ or event\$ or incident\$)).ti,ab,ot,hw. (545)
31. or/19-31 (216,773)
32. 18 and 32 (237)

Medline In-Process Citations (OvidSP): up to 15 March 2011

Medline Daily Update (OvidSP): up to 15 March 2011

Searched 16 March 2011

1. hypersensitivity/ or drug hypersensitivity/ or exp drug eruptions/ or hypersensitivity, immediate/ or anaphylaxis/ or asthma, aspirin-induced/ or eosinophilic esophagitis/ (62)
2. food hypersensitivity/ or alveolitis, extrinsic allergic/ or aspergillosis, allergic bronchopulmonary/ or latex hypersensitivity/ (20)
3. (Anaphyla\$ or pseudoanaphyla\$).ti,ab,ot,hw. (586)
4. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj3 (allerg\$ or Hypersensiti\$ or hyper-sensiti\$)).ti,ab,ot,hw. (181)
5. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj2 (systemic\$ or allerg\$ or skin\$ or dermatolog\$ or cutaneous\$) adj2 (reaction\$ or effect\$ or event\$ or rash\$)).ti,ot,ab. (99)

6. or/1-5 (855)
7. "referral and consultation"/ or gatekeeping/ (51)
8. (Refer\$ or consultation\$ or Gatekeep\$ or gatekeep\$).ti,ab,ot,hw. (26,867)
9. (Second opinion\$ or 2nd opinion\$).ti,ab,ot,hw. (47)
10. (followup\$ or follow-up\$ or outpatient\$ or out-patient\$).ti,ab,ot,hw. (22,520)
11. Outpatient Clinics, Hospital/ (4)
12. (Allergist\$ or aftercare or after-care).ti,ab,ot,hw. (111)
13. aftercare/ (2)
14. (Allerg\$ clinic\$ or Specialist clinic\$).ti,ab,ot,hw. (78)
15. or/7-14 (47,842)
16. 6 and 15 (72)
17. animals/ not (animals/ and humans/) (3207)
18. 16 not 17 (72)
19. exp Emergency Treatment/ (92)
20. (Accident adj2 emergency).ti,ab,ot,hw. (70)
21. exp Emergency Medical Services/ (139)
22. (Emergenc\$ adj3 (treat\$ or admit\$ or admission\$ or episode\$ or case\$ or patient\$ or department\$ or room\$ or rooms or care or medic\$ or intervenen\$ or therap\$ or hospital\$ or services\$)).ti,ab,ot,hw. (4363)
23. (Casualty adj2 (department\$ or admit\$ or admission\$ or patient\$ or case\$ or care or medicat\$ or intervenen\$ or therap\$ or patient\$)).ti,ab,ot,hw. (19)
24. (Accident adj2 emergency).ti,ab,ot,hw. (70)
25. Triage\$.ti,ab,ot,hw. (415)
26. First aid\$.ti,ab,ot,hw. (115)
27. (First response\$ or first respond\$).ti,ab,ot,hw. (85)
28. (Medical adj2 urgen\$).ti,ab,ot,hw. (27)
29. Emergencies/ (9)
30. (postepisod\$ or postadmission\$ or postadmit\$ or postreaction\$ or postevent\$ or postincident\$).ti,ab,ot,hw. (23)
31. (post adj (episod\$ or admission\$ or admit\$ or reaction\$ or event\$ or incident\$)).ti,ab,ot,hw. (34)
32. or/19-31 (4971)
33. 18 and 32 (3)

EMBASE (OvidSP): 1980 to week 10 2011

Searched 17 March 2011

1. Hypersensitivity/ or exp Drug hypersensitivity/ or exp drug eruptions/ or Hypersensitivity-Reaction/ or Immediate-Type-Hypersensitivity/ (88,290)
2. Eosinophilic esophagitis/ or Food-Allergy/ or Allergic-Pneumonitis/ or Allergic-Bronchopulmonary-Aspergillosis/ (18,423)
3. Anaphylactic-Shock/ or Anaphylactoid-Purpura/ or Passive-Skin-Anaphylaxis/ or Skin-Anaphylaxis/ or Anaphylaxis/ (32,909)
4. (Anaphyla\$ or pseudoanaphyla\$).ti,ab,ot,hw. (39,414)
5. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj3 (allerg\$ or Hypersensiti\$ or hyper-sensiti\$)).ti,ab,ot,hw. (5959)
6. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj2 (systemic\$ or allerg\$ or skin\$ or dermatolog\$ or cutaneous\$) adj2 (reaction\$ or effect\$ or event\$ or rash\$)).ti,ab,ot,hw. (3064)
7. or/1-6 (137,588)
8. Outpatient-Department/ or Patient Referral/ or exp Consultation/ or exp Aftercare/ or Outpatient/ (647,761)
9. (Second opinion\$ or 2nd opinion\$).mp. (1321)

10. (Refer\$ or consultation\$ or Gatekeep\$ or gatekeep\$).mp. (587,999)
11. (followup\$ or follow-up\$ or outpatient\$ or out-patient\$).mp. (906,230)
12. (Allergist\$ or aftercare or after-care).mp. (8120)
13. (Allerg\$ clinic\$ or Specialist clinic\$).mp. (1752)
14. or/8-13 (1,441,363)
15. emergency treatment/ or evidence based emergency medicine/ or first aid/ or pediatric advanced life support/ (21,042)
16. emergency care/ or EMERGENCY/ or Emergency-Medicine/ or Emergency-Health-Service/ (97,139)
17. Emergency-Patient/ or Emergency-Ward/ (32,763)
18. (Accident adj2 emergency).mp. (4303)
19. (Emergenc\$ adj3 (treat\$ or admit\$ or admission\$ or episode\$ or case\$ or patient\$ or department\$ or room\$ or rooms or care or medic\$ or interven\$ or therap\$ or hospital\$ or service\$)).mp. (168,221)
20. (Casualty adj2 (department\$ or admit\$ or admission\$ or patient\$ or case\$ or care or medicat\$ or interven\$ or therap\$ or patient\$)).mp. (958)
21. (Triage\$ or First aid\$ or First response\$ or first respond\$).mp. (20,469)
22. (Medical adj2 urgen\$).mp. (561)
23. (postepisod\$ or postadmission\$ or postadmit\$ or postreaction\$ or postevent\$ or postincident\$).mp. (431)
24. (post adj (episod\$ or admission\$ or admit\$ or reaction\$ or event\$ or incident\$)).mp. (812)
25. or/15-24 (193,229)
26. 7 and 15 and 25 (553)
27. animal/ or animal experiment/ (3,059,048)
28. (rat or rats or mouse or mice or murine or rodent or rodents or hamster or hamsters or pig or pigs or porcine or rabbit or rabbits or animal or animals or dogs or dog or cats or cow or bovine or sheep or ovine or monkey or monkeys).mp. (4,688,188)
29. 27 or 28 (4,688,188)
30. exp human/ or human experiment/ (12,277,839)
31. 29 not (29 and 30) (3,764,868)
32. 26 not 31 (546)

Cochrane Database of Systematic Reviews (CDSR) (Internet): Issue 3: 2011
Cochrane Central Register of Controlled Trials (CENTRAL) (Internet): Issue 1: 2011
<http://cochranelibrary.com/>

Searched 17 March 2011

1. MeSH descriptor Hypersensitivity, this term only (525)
2. MeSH descriptor Anaphylaxis, this term only (142)
3. MeSH descriptor Asthma, Aspirin-Induced explode all trees (0)
4. MeSH descriptor Drug Hypersensitivity, this term only (403)
5. MeSH descriptor Drug Eruptions explode all trees (354)
6. MeSH descriptor Eosinophilic Esophagitis, this term only (0)
7. MeSH descriptor Hypersensitivity, Immediate, this term only (382)
8. MeSH descriptor Food Hypersensitivity, this term only (381)
9. MeSH descriptor Alveolitis, Extrinsic Allergic, this term only (11)
10. MeSH descriptor Latex Hypersensitivity, this term only (28)
11. MeSH descriptor Aspergillosis, Allergic Bronchopulmonary, this term only (11)
12. (anaphyla* OR pseudoanaphyla*):ti,ab,kw (533)
13. ((severe* or severity or worse* or acute* or emergenc* or urgen* or grave* or serious* or dangerous* or life-threat* or lifethreat or potentially fatal*) near3 (allerg* or hypersensiti* or hypersensiti*)):ti,ab,kw (409)
14. ((severe* or severity or worse* or acute* or emergenc* or urgen* or grave* or serious* or dangerous* or life-threat* or lifethreat or potentially fatal*) near2 (systemic* or allerg* or skin* or dermatolog* or cutaneous*) near2 (reaction* or effect* or event* or rash*)):ti,ab,kw (107)

15. (#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14) (2811)
16. MeSH descriptor Referral and Consultation, this term only (1374)
17. MeSH descriptor Gatekeeping, this term only (15)
18. MeSH descriptor Outpatient Clinics, Hospital, this term only (601)
19. MeSH descriptor Aftercare, this term only (402)
20. (Refer* or consultation* or Gate-keep* or gatekeep*):ti,ab,kw (37,266)
21. ((Second near2 opinion*) or (2nd near2 opinion*)):ti,ab,kw 37)
22. (followup* or follow-up* or outpatient* or out-patient*):ti,ab,kw (88,074)
23. (Allergist* or aftercare or after-care):ti,ab,kw (642)
24. ((Allerg* near2 clinic*) or (Specialist near2 clinic*)):ti,ab,kw (378)
25. (#16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24) (118,191)
26. MeSH descriptor Emergency Treatment explode all trees (3358)
27. MeSH descriptor Emergency Medical Services explode all trees (2535)
28. MeSH descriptor Emergencies, this term only (609)
29. (Accident near2 emergency):ti,ab,kw (203)
30. (Emergenc* near3 (treat* or admit* or admission* or episode* or case* or patient* or department* or room* or rooms or care or medic* or interven* or therap* or hospital* or service*)):ti,ab,kw (5783)
31. (Casualty near2 (department* or admit* or admission* or patient* or case* or care or medicat* or interven* or therap* or patient*)):ti,ab,kw (35)
32. (Accident near2 emergency):ti,ab,kw (203)
33. Triage*:ti,ab,kw (435)
34. (First near1 aid*):ti,ab,kw (122)
35. (First near1 respons*):ti,ab,kw (247)
36. (First near1 respond*):ti,ab,kw (111)
37. (Medical near2 urgen*):ti,ab,kw (12)
38. (postepisod* or postadmission* or postadmit* or postreaction* or postevent* or postincident*):ti,ab,kw (39)
39. (post near (episod* or admission* or admit* or reaction* or event* or incident*)):ti,ab,kw (520)
40. (#26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38 OR #39) (10,192)
41. (#15 AND #25 AND #40) (4)

The CDSR search retrieved zero records.

The CENTRAL search retrieved two records.

Database of Abstracts of Reviews of Effects (DARE) (Internet): 2000 to 17 February 2011

Health Technology Assessment (HTA) (Internet): 2000 to 17 February 2011

NHS Economic Evaluation Database (NHS EED) (Internet): 2000 to

17 February 2011

www.crd.york.ac.uk/crdweb/

Searched 17 March 2011

1. MeSH Hypersensitivity (51)
2. MeSH Drug hypersensitivity (29)
3. MeSH Hypersensitivity, immediate (7)
4. MeSH Anaphylaxis (17)
5. MeSH Drug Eruptions EXPLODE 1 2 3 (12)
6. MeSH food hypersensitivity (14)
7. MeSH alveolitis, extrinsic allergic (0)

8. MeSH aspergillosis, allergic bronchopulmonary (0)
9. MeSH latex hypersensitivity (5)
10. Anaphyla* OR pseudoanaphyla* (80)
11. (severe* NEAR allerg*) OR (severity NEAR allerg*) OR (worse* NEAR allerg*) OR (acute* NEAR allerg*) (117)
12. (emergenc* NEAR allerg*) OR (urgen* NEAR allerg*) OR (grave* NEAR allerg*) OR (serious* NEAR allerg*) (50)
13. (dangerous* NEAR allerg*) OR (life-threat* NEAR allerg*) OR (lifethreat* NEAR allerg*) OR (potentially AND fatal* NEAR allerg*) (12)
14. (severe* NEAR Hypersensiti*) OR (severity NEAR Hypersensiti*) OR (worse* NEAR Hypersensiti*) OR (acute* NEAR Hypersensiti*) (29)
15. (emergenc* NEAR Hypersensiti*) OR (urgen* NEAR Hypersensiti*) OR (grave* NEAR Hypersensiti*) OR (serious* NEAR Hypersensiti*) (11)
16. (dangerous* NEAR Hypersensiti*) OR (life-threat* NEAR Hypersensiti*) OR (lifethreat* NEAR Hypersensiti*) OR (potentially AND fatal* NEAR Hypersensiti*) (5)
17. (severe* NEAR Hyper-sensiti*) OR (severity NEAR Hyper-sensiti*) OR (worse* NEAR Hyper-sensiti*) OR (acute* NEAR Hyper-sensiti*) (29)
18. (emergenc* NEAR Hyper-sensiti*) OR (urgen* NEAR Hyper-sensiti*) OR (grave* NEAR Hyper-sensiti*) OR (serious* NEAR Hyper-sensiti*) (11)
19. (dangerous* NEAR Hyper-sensiti*) OR (life-threat* NEAR Hyper-sensiti*) OR (lifethreat* NEAR Hyper-sensiti*) OR (potentially AND fatal* NEAR Hyper-sensiti*) (5)
20. (severe* NEAR Systemic*) OR (severity NEAR Systemic*) OR (worse* NEAR Systemic*) OR (acute* NEAR Systemic*) (180)
21. (emergenc* NEAR Systemic*) OR (urgen* NEAR Systemic*) OR (grave* NEAR Systemic*) OR (serious* NEAR Systemic*) (41)
22. (dangerous* NEAR Systemic*) OR (life-threat* NEAR Systemic*) OR (lifethreat* NEAR Systemic*) OR (potentially AND fatal* NEAR Systemic*) (18)
23. (dangerous* NEAR Skin) OR (life-threat* NEAR Skin) OR (lifethreat* NEAR Skin) OR (potentially AND fatal* NEAR Skin) (14)
24. (severe* NEAR Skin) OR (severity NEAR Skin) OR (worse* NEAR Skin) OR (acute* NEAR Skin) (175)
25. (emergenc* NEAR Skin) OR (urgen* NEAR Skin) OR (grave* NEAR Skin) OR (serious* NEAR Skin) (85)
26. (severe* NEAR Dermatolog*) OR (severity NEAR Dermatolog*) OR (worse* NEAR Dermatolog*) OR (acute* NEAR Dermatolog*) (41)
27. (emergenc* NEAR Dermatolog*) OR (urgen* NEAR Dermatolog*) OR (grave* NEAR Dermatolog*) OR (serious* NEAR Dermatolog*) (7)
28. (dangerous* NEAR Dermatolog*) OR (life-threat* NEAR Dermatolog*) OR (lifethreat* NEAR Dermatolog*) OR (potentially AND fatal* NEAR Dermatolog*) (0)
29. #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 (521)
30. #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 (808)
31. Refer* OR consultation* OR Gatekeep* OR gate-keep* (14,313)
32. (Second NEAR opinion*) OR (2nd NEAR opinion*) (70)
33. (followup* OR follow-up* OR outpatient* OR out-patient*) (13,004)
34. (Allergist* OR aftercare OR after-care) (56)
35. ((Allerg* NEAR clinic*) OR (Specialist NEAR clinic*)) (559)
36. #31 or #32 or #33 or #34 or #35 (20,112)
37. #30 and #36 (524)
38. (Accident NEAR emergency) (127)
39. (Emergenc* NEAR treat*) OR (Emergenc* NEAR admit*) OR (Emergenc* NEAR admission*) OR (Emergenc* NEAR episode*) (787)
40. (Emergenc* NEAR case*) OR (Emergenc* NEAR patient*) OR (Emergenc* NEAR department*) OR (Emergenc* NEAR room*) (1593)
41. (Emergenc* NEAR rooms) OR (Emergenc* NEAR care) OR (Emergenc* NEAR medic*) (1277)

42. (Emergenc* NEAR interven*) OR (Emergenc* NEAR therap*) OR (Emergenc* NEAR hospital*) OR (Emergenc* NEAR service*) (1328)
43. (Casualty NEAR department*) OR (casualty NEAR admit*) OR (casualty NEAR admission*) OR (casualty NEAR patient*) (10)
44. (casualty NEAR case*) OR (casualty NEAR care) OR (casualty NEAR medicat*) (7)
45. (casualty NEAR interven*) OR (casualty NEAR therap*) OR (casualty NEAR patient*) (7)
46. (triage* OR (First NEAR aid*) OR (First NEAR respons*) OR (First NEAR respond*) OR (Medical NEAR urgen*)) (643)
47. (postepisod* OR postadmission* OR postadmit* OR postreaction* OR postevent* OR postincident*) (2)
48. (post NEAR episod*) OR (post NEAR admission*) OR (post NEAR admit*) OR (post NEAR reaction*) (235)
49. (post NEAR event*) OR (post NEAR incident*) (365)
50. #38 or #39 or #40 or #41 or #42 or #43 or #44 or #45 or #46 or #47 or #48 or #49 (3051)
51. #37 and #50 (93)

The DARE search retrieved 42 records.

The NHS EED search retrieved 49 records.

The HTA search retrieved two records.

Science Citation Index (SCI) (Web of Science): 1970 to 12 February 2011

Searched 14 February 2011

21 1033 #6 and #13 and #20
Databases = SCI-EXPANDED Timespan = All Years

20 >100,000 #14 or #15 or #16 or #17 or #18 or #19
Databases = SCI-EXPANDED Timespan = All Years

19 28,865 TS = (Allerg* clinic* or Specialist clinic*)
Databases = SCI-EXPANDED Timespan = All Years

18 33,283 TS = (Aftercare or outpatient* clinic*)
Databases = SCI-EXPANDED Timespan = All Years

17 >100,000 TS = (Allergist* or aftercare or after-care)
Databases = SCI-EXPANDED Timespan = All Years

16 >100,000 TS = (followup* or follow-up* or outpatient* or out-patient*)
Databases = SCI-EXPANDED Timespan = All Years

15 2720 TS = (Second opinion* or 2nd opinion*)
Databases = SCI-EXPANDED Timespan = All Years

14 >100,000 TS = (Refer* or consultation* or Gatekeep* or gatekeep*)
Databases = SCI-EXPANDED Timespan = All Years

13 >100,000 #7 or #8 or #9 or #10 or #11 or #12
Databases = SCI-EXPANDED Timespan = All Years

- 12 71,359 TS = (Emergenc* SAME (treat* or admit* or admission* or episode* or case* or patient* or department* or room* or rooms or care or medic* or interven* or therap* or hospital* or service*))
Databases = SCI-EXPANDED Timespan = All Years
- 11 682 TS = (Casualty SAME (department* or admit* or admission* or patient* or case* or care or medicat* or interven* or therap* or patient*))
Databases = SCI-EXPANDED Timespan = All Years
- 10 3039 TS = ((Triage*or First aid*) or (Accident SAME emergency))
Databases = SCI-EXPANDED Timespan = All Years
- 9 >100,000 TS = ((Medical SAME urgen*) or (First response* or first respond*))
Databases = SCI-EXPANDED Timespan = All Years
- 8 372 TS = (postepisod* or postadmission* or postadmit* or postreaction* or postevent* or postincident*)
Databases = SCI-EXPANDED Timespan = All Years
- 7 13,113 TS = (post SAME (episod* or admission* or admit* or reaction* or event* or incident*))
Databases = SCI-EXPANDED Timespan = All Years
- 6 23,983 #4 not #5
Databases = SCI-EXPANDED Timespan = All Years
- 5 >100,000 TS = (cat or cats or dog or dogs or animal or animals or rat or rats or hamster or hamster or feline or ovine or canine or bovine or sheep)
Databases = SCI-EXPANDED Timespan = All Years
- 4 28,875 #1 or #2 or #3
Databases = SCI-EXPANDED Timespan = All Years
- 3 7739 TS = ((severe* or severity or worse* or acute* or emergenc* or urgen* or grave* or serious* or dangerous* or life-threat* or lifethreat* or potentially fatal*) SAME (systemic* or allerg* or skin* or dermatolog* or cutaneous*) SAME (reaction* or effect* or event* or rash*))
Databases = SCI-EXPANDED Timespan = All Years
- 2 8259 TS = ((severe* or severity or worse* or acute* or emergenc* or urgen* or grave* or serious* or dangerous* or life-threat* or lifethreat* or potentially fatal*) SAME (allerg* or Hypersensiti* or hyper-sensiti*))
Databases = SCI-EXPANDED Timespan = All Years
- 1 16,857 TS = (Anaphyla* or pseudoanaphyla*)
Databases = SCI-EXPANDED Timespan = All Years

***Cumulative Index to Nursing and Allied Health Literature (CINAHL; EBSCOhost):
1981 to 18 February 2011***

Searched 23 February 2011

S21 s13 and s20 Limiters - Exclude MEDLINE records (23)

- S20 s14 or s15 or s16 or s17 or s18 or s19 (579,982)
- S19 TX ((Refer* or consultation* or Gatekeep* or gate-keep* or Allergist* or aftercare or after-care)) or TX ((Second N1 opinion*) or (2nd N1 opinion*) or (followup* or follow-up* or outpatient* or out-patient*)) or TX ((Allerg* N2 clinic*) or (Specialist N2 clinic*)) (579,982)
- S18 (MH "After Care") (4003)
- S17 (MH "Outpatient Service") (2648)
- S16 (MH "Outpatients") (25,019)
- S15 (MH "Gatekeeping") (187)
- S14 (MH "Referral and Consultation+") (12,876)
- S13 s9 and s12 (379)
- S12 s10 or s11 (105,090)
- S11 TX ((Accident N2 emergency) or (Emergenc* N3 treat*) or (Emergenc* N3 admit*) or (Emergenc* N3 admission*) or (Emergenc* N3 episode*) or (Emergenc* N3 case*) or (Emergenc* N3 patient*) or (Emergenc* N3 department*) or (Emergenc* N3 room*) or (Emergenc* N3 rooms) or (Emergenc* N3 care) or (Emergenc* N3 medic*) or (Emergenc* N3 interven*) or (Emergenc* N3 therap*) or (Emergenc* N3 hospital*) or (Emergenc* N3 service*)) or TX ((Casualty* N3 department*) or (Casualty* N3 admit*) or (Casualty* N3 admission*) or (Casualty* N3 case*) or (Casualty* N3 patient*) or (Casualty* N3 medic*) or (Casualty* N3 interven*) or (Casualty* N3 therap*)) or TX ((postepisod* or postadmission* or postadmit* or postreaction* or postevent* or postincident*) or TX ((post N1 episod*) or (post N1 admission*) or (post N1 admit*) or (post N1 reaction*) or (post N1 event*) or (post N1 incident*)) (99,683)
- S10 (MH "Emergencies") or (MH "Emergency Medical Services+") (42,909)
- S9 s1 or s2 or s3 or s4 or s5 or s6 or s7 or s8 (30,528)
- S8 TX (severe* N2 rash*) or (severity N2 rash*) or (worse* N2 rash*) or (acute* N2 rash*) or (emergenc* N2 rash*) or (urgen* N2 rash*) or (grave* N2 rash*) or (serious* N2 rash*) or (dangerous* N2 rash*) or (life-threat* N2 rash*) or (lifethreat* N2 rash*) or (potentially N3 fatal* N2 rash*) (97)
- S7 TX ((severe* N2 reaction*) or (severity N2 reaction*) or (worse* N2 reaction*) or (acute* N2 reaction*) or (emergenc* N2 reaction*) or (urgen* N2 reaction*) or (grave* N2 reaction*) or (serious* N2 reaction*) or (dangerous* N2 reaction*) or (life-threat* N2 reaction*) or (lifethreat* N2 reaction*) or (potentially N3 fatal* N2 reaction*)) or TX ((severe* N2 effect*) or (severity N2 effect*) or (worse* N2 effect*) or (acute* N2 effect*) or (emergenc* N2 effect*) or (urgen* N2 effect*) or (grave* N2 effect*) or (serious* N2 effect*) or (dangerous* N2 effect*) or (life-threat* N2 effect*) or (lifethreat* N2 effect*) or (potentially N3 fatal* N2 effect*)) or TX ((severe* N2 event*) or (severity N2 event*) or (worse* N2 event*) or (acute* N2 event*) or (emergenc* N2 event*) or (urgen* N2 event*) or (grave* N2 event*) or (serious* N2 event*) or (dangerous* N2 event*) or (life-threat* N2 event*) or (lifethreat* N2 event*) or (potentially N3 fatal* N2 event*)) TX ((severe* N2 reaction*) or (severity N2 reaction*) or (worse* N2 reaction*) or (acute* N2 reaction*) or (emergenc* N2 reaction*) or (urgen* N2 reaction*) or (grave* N2 reaction*) or (serious* N2 reaction*) or (dangerous* N2 reaction*) or (life-threat* N2 reaction*) or (lifethreat* N2 reaction*))

N2 reaction*) or (potentially N3 fatal* N2 reaction*)) or TX ((severe* N2 effect*) or (severity N2 effect*) or (worse* N2 effect*) or (acute* N2 effect*) or (emergenc* N2 effect*) or (urgen* N2 effect*) or (grave* N2 effect*) or (serious* N2 effect*) or (dangerous* N2 effect*) or (life-threat* N2 effect*) or (lifethreat* N2 effect*) or (potentially N3 fatal* N2 effect*)) or TX ((severe* N2 event*) or (severity N2 event*) or (worse* N2 event*) or (acute* N2 event*) or (emergenc* N2 event*) or (urgen* N2 event*) or (grave* N2 event*) or (serious* N2 event*) or (dangerous* N2 event*) or (life-threat* N2 event*) or (lifethreat* N2 event*) or (potentially N3 fatal* N2 event*)) (9240)

- S6 TX ((severe* N3 allerg*) or (severity N3 allerg*) or (worse* N3 allerg*) or (acute* N3 allerg*) or (emergenc* N3 allerg*) or (urgen* N3 allerg*) or (grave* N3 allerg*) or (serious* N3 allerg*) or (dangerous* N3 allerg*) or (life-threat* N3 allerg*) or (lifethreat* N3 allerg*) or (potentially N3 fatal* N3 allerg*)) or TX ((severe* N3 hypersensiti*) or (severity N3 hypersensiti*) or (worse* N3 hypersensiti*) or (acute* N3 hypersensiti*) or (emergenc* N3 hypersensiti*) or (urgen* N3 hypersensiti*) or (grave* N3 hypersensiti*) or (serious* N3 hypersensiti*) or (dangerous* N3 hypersensiti*) or (life-threat* N3 hypersensiti*) or (lifethreat* N3 hypersensiti*) or (potentially N3 fatal* N3 hypersensiti*)) or TX ((severe* N3 hyper-sensiti*) or (severity N3 hyper-sensiti*) or (worse* N3 hyper-sensiti*) or (acute* N3 hyper-sensiti*) or (emergenc* N3 hyper-sensiti*) or (urgen* N3 hyper-sensiti*) or (grave* N3 hyper-sensiti*) or (serious* N3 hyper-sensiti*) or (dangerous* N3 hyper-sensiti*) or (life-threat* N3 hyper-sensiti*) or (lifethreat* N3 hyper-sensiti*) or (potentially N3 fatal* N3 hyper-sensiti*)) (711)
- S5 TI (Anaphyla* or pseudoanaphyla*) or AB (Anaphyla* or pseudoanaphyla*) (1234)
- S4 (MH "Latex Hypersensitivity") (1229)
- S3 (MH "Food Hypersensitivity+") (1992)
- S2 (MH "Drug Hypersensitivity") (1362)
- S1 (MH "Hypersensitivity, Immediate+") (20,402)

In adults, young people and children who receive emergency treatment for suspected anaphylaxis, which people are at high risk of anaphylactic episodes? For which people would further anaphylactic episodes have significant impact? Which people can be identified as needing special consideration? (Risk of recurrence search.)

The risk of recurrence search was conducted in February 2011.

Medline (OvidSP): 1948 to week 1 February 2011

Searched 11 February 2011

1. hypersensitivity/ or drug hypersensitivity/ or exp drug eruptions/ or hypersensitivity, immediate/ or anaphylaxis/ or asthma, aspirin-induced/ or eosinophilic esophagitis/ (83,258)
2. food hypersensitivity/ or alveolitis, extrinsic allergic/ or aspergillosis, allergic bronchopulmonary/ or latex hypersensitivity/ (15,288)
3. (Anaphyla\$ or pseudoanaphyla\$).ti,ab,ot,hw. (24,149)
4. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj3 (allerg\$ or Hypersensiti\$ or hyper-sensiti\$)).ti,ab,ot,hw. (4316)
5. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj2 (systemic\$ or allerg\$ or skin\$ or dermatolog\$ or cutaneous\$) adj2 (reaction\$ or effect\$ or event\$ or rash\$)).ti,ot,ab. (2250)

6. or/1-5 (105,987)
7. Recurrence/ (135,626)
8. (Recrudescen\$ or recur\$ or repeat\$ or re-occur\$ or reoccur\$ or subsequent\$ or repetition\$ or repeat\$).ti,ab,ot,hw. (1,090,520)
9. (Future adj3 (episode\$ or event\$ or inciden\$ or occur\$ or experience\$ or attack\$ or bout\$)).ti,ab,ot,hw. (4426)
10. or/7-9 (1,094,231)
11. risk/ or risk assessment/ or risk factors/ (597,934)
12. (risk or risks or likelihood\$).ti,ab,ot,hw. (1,200,489)
13. or/11-12 (1,200,489)
14. 10 and 13 (143,543)
15. 6 and 14 (1168)
16. animals/ not (animals/ and humans/) (3,403,655)
17. 15 not 16 (1130)

Medline In-Process Citations (OvidSP): up to 10 February 2011

Medline Daily Update (OvidSP): up to 10 February 2011

Searched 11 February 2011

1. hypersensitivity/ or drug hypersensitivity/ or exp drug eruptions/ or hypersensitivity, immediate/ or anaphylaxis/ or asthma, aspirin-induced/ or eosinophilic esophagitis/ (28)
2. food hypersensitivity/ or alveolitis, extrinsic allergic/ or aspergillosis, allergic bronchopulmonary/ or latex hypersensitivity/ (9)
3. (Anaphyla\$ or pseudoanaphyla\$).ti,ab,ot,hw. (572)
4. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj3 (allerg\$ or Hypersensiti\$ or hyper-sensiti\$)).ti,ab,ot,hw. (173)
5. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj2 (systemic\$ or allerg\$ or skin\$ or dermatolog\$ or cutaneous\$) adj2 (reaction\$ or effect\$ or event\$ or rash\$)).ti,ot,ab. (95)
6. or/1-5 (798)
7. Recurrence/ (66)
8. (Recrudescen\$ or recur\$ or repeat\$ or re-occur\$ or reoccur\$ or subsequent\$ or repetition\$ or repeat\$).ti,ab,ot,hw. (47,641)
9. (Future adj3 (episode\$ or event\$ or inciden\$ or occur\$ or experience\$ or attack\$ or bout\$)).ti,ab,ot,hw. (274)
10. or/7-9 (47,873)
11. risk/ or risk assessment/ or risk factors/ (737)
12. (risk or risks or likelihood\$).ti,ab,ot,hw. (46,261)
13. or/11-12 (46,261)
14. 10 and 13 (5026)
15. 6 and 14 (10)
16. animals/not (animals/ and humans/) (1531)
17. 15 not 16 (10)

Embase (OvidSP): 1980 to week 6 2011

Searched 14 February 2011

1. Hypersensitivity/ or exp Drug hypersensitivity/ or exp drug eruptions/ or Hypersensitivity-Reaction/ or Immediate-Type-Hypersensitivity/ (87,798)
2. Eosinophilic esophagitis/ or Food-Allergy/ or Allergic-Pneumonitis/ or Allergic-Bronchopulmonary-Aspergillosis/ (18,305)

3. Anaphylactic-Shock/ or Anaphylactoid-Purpura/ or Passive-Skin-Anaphylaxis/ or Skin-Anaphylaxis/ or Anaphylaxis/ (32,758)
4. (Anaphyla\$ or pseudoanaphyla\$).ti,ab,ot,hw. (39,238)
5. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj3 (allerg\$ or Hypersensiti\$ or hyper-sensiti\$)).ti,ab,ot,hw. (5910)
6. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj2 (systemic\$ or allerg\$ or skin\$ or dermatolog\$ or cutaneous\$) adj2 (reaction\$ or effect\$ or event\$ or rash\$)).ti,ot,ab. (3040)
7. or/1-6 (136,815)
8. Recurrent-Disease/ (106,106)
9. (Recrudescen\$ or recur\$ or repeat\$ or re-occur\$ or reoccur\$ or subsequent\$ or repetition\$ or repeat\$).ti,ab,ot,hw. (1,256,741)
10. (Future adj3 (episode\$ or event\$ or inciden\$ or occur\$ or experience\$ or attack\$ or bout\$)).ti,ab,ot,hw. (5783)
11. or/8-10 (1,261,628)
12. risk/ or attributable risk/ or behavioral risk factor surveillance system/ or genetic risk/ or high risk behavior/ or high risk infant/ or high risk patient/ or high risk population/ or high risk pregnancy/ or population risk/ or risk assessment/ or risk factor/ or risk management/ or risk reduction/ (8,646,42)
13. (risk or risks or likelihood\$).ti,ab,ot,hw. (1,580,892)
14. or/12-13 (1,580,892)
15. 11 and 14 (185,931)
16. Recurrence-Risk/ (20,568)
17. 15 or 16 (185,931)
18. 7 and 17 (2354)
19. animal/ or animal experiment/ (3,045,231)
20. (rat or rats or mouse or mice or murine or rodent or rodents or hamster or hamsters or pig or pigs or porcine or rabbit or rabbits or animal or animals or dogs or dog or cats or cow or bovine or sheep or ovine or monkey or monkeys).mp. (4,666,017)
21. or/19-20 (4,666,017)
22. exp human/ or human experiment/ (12,216,815)
23. 21 not (21 and 22) (3,748,300)
24. 18 not 23 (2304)

Cochrane Database of Systematic Reviews (CDSR) (Internet): Issue 1: 2011
Cochrane Central Register of Controlled Trials (CENTRAL) (Internet): Issue 1: 2011
<http://cochranelibrary.com/>

Searched 17 February 2011

1. MeSH descriptor Hypersensitivity, this term only (525)
2. MeSH descriptor Anaphylaxis, this term only (142)
3. MeSH descriptor Asthma, Aspirin-Induced explode all trees (0)
4. MeSH descriptor Drug Hypersensitivity, this term only (403)
5. MeSH descriptor Drug Eruptions explode all trees (353)
6. MeSH descriptor Eosinophilic Esophagitis, this term only (0)
7. MeSH descriptor Hypersensitivity, Immediate, this term only (382)
8. MeSH descriptor Food Hypersensitivity, this term only (381)
9. MeSH descriptor Alveolitis, Extrinsic Allergic, this term only (11)
10. MeSH descriptor Latex Hypersensitivity, this term only (28)
11. MeSH descriptor Aspergillosis, Allergic Bronchopulmonary, this term only (11)
12. (anaphyla* OR pseudoanaphyla*):ti,ab,kw (533)

13. ((severe* or severity or worse* or acute* or emergenc* or urgen* or grave* or serious* or dangerous* or life-threat* or lifethreat or potentially fatal*) near3 (allerg* or hypersensiti* or hypersensiti*)):ti,ab,kw (409)
14. ((severe* or severity or worse* or acute* or emergenc* or urgen* or grave* or serious* or dangerous* or life-threat* or lifethreat or potentially fatal*) near2 (systemic* or allerg* or skin* or dermatolog* or cutaneous*) near2 (reaction* or effect* or event* or rash*)):ti,ab,kw (107)
15. (#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14) (2810)
16. MeSH descriptor Recurrence, this term only (10,438)
17. (recrudescen* OR recur* OR repeat* OR re-occur* OR subsequent* OR repetition* OR repeat*):ti,ab,kw (59,339)
18. (future NEAR (episode* OR event* OR inciden* OR occur* OR experience* OR attack* OR bout*)):ti,ab,kw (299)
19. (#17 OR #17 OR #18) (59,572)
20. MeSH descriptor Risk, this term only (2429)
21. MeSH descriptor Risk Assessment, this term only (5376)
22. MeSH descriptor Risk Factors, this term only (15,176)
23. (risk or risks OR likelihood*):ti,ab,kw (66,166)
24. (#20 OR #21 OR #22 OR #23) (66,166)
25. (#15 AND #19 AND #24) (59)

The CDSR search retrieved two records.

The CENTRAL search retrieved 57 records.

Database of Abstracts of Reviews of Effects (DARE) (Internet): 2000 to 17 February 2011

Health Technology Assessment (HTA) (Internet): 2000 to 17 February 2011

NHS Economic Evaluation Database (NHS EED) (Internet): 2000 to

17 February 2011

www.crd.york.ac.uk/crdweb/

Searched 17 February 2011

1. MeSH Hypersensitivity (51)
2. MeSH drug hypersensitivity (29)
3. MeSH Drug Eruptions EXPLODE 1 2 3 (12)
4. MeSH Hypersensitivity, Immediate (7)
5. MeSH Anaphylaxis (17)
6. asthma, AND aspirin-induced (1)
7. eosinophilic AND esophagitis (3)
8. #1 or #2 or #3 or #4 or #5 or #7 (113)
9. MeSH Food Hypersensitivity (13)
10. MeSH Alveolitis, Extrinsic Allergic (0)
11. MeSH Aspergillosis, Allergic Bronchopulmonary (0)
12. MeSH Latex Hypersensitivity (5)
13. #9 or #10 or #11 or #12 (18)
14. (anaphyla* OR pseudoanaphyla*) (80)
15. severe* NEAR hyper-sensiti* (21)
16. Severity NEAR hyper-sensi* (0)
17. Worse* NEAR hyper-sensi* (1)
18. Acute* NEAR hyper-sensi* (12)
19. Emergenc* NEAR hyper-sensi* (0)
20. Urgen* NEAR hyper-sensi* (2)

21. Grave* NEAR hyper-sensi* (0)
22. Serious* NEAR hyper-sensi* (9)
23. Dangerous* NEAR hyper-sensi* (0)
24. Life-threat* NEAR hyper-sensi* (1)
25. Lifethreat* NEAR hyper-sensi* (0)
26. potentially-fatal* NEAR hyper-sensi* (0)
27. #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 (38)
28. Severity NEAR allerg* (25)
29. Worse* NEAR allerg* (4)
30. Acute* NEAR allerg* (33)
31. Emergenc* NEAR allerg* (19)
32. Urgen* NEAR allerg* (4)
33. Grave* NEAR allerg* (0)
34. Serious* NEAR allerg* (30)
35. Dangerous* NEAR allerg* (2)
36. Life-threat* NEAR allerg* (6)
37. Lifethreat* NEAR allerg* (0)
38. Potentially-fatal* NEAR allerg* (2)
39. severe* NEAR allerg* (68)
40. #28 or #29 or #30 or #31 or #32 or #33 or #34 or #35 or #36 or #37 or 38 or #39 (161)
41. Worse* NEAR hypersensiti* (1)
42. Acute* NEAR hypersensiti* (11)
43. Emergenc* NEAR hypersensiti* (0)
44. Urgen* NEAR hypersensiti* (2)
45. Grave* NEAR hypersensiti* (0)
46. Serious* NEAR hypersensiti* (9)
47. Dangerous* NEAR hypersensiti* (0)
48. Lifethreat* NEAR hypersensiti* (0)
49. Potentially-fatal* NEAR hypersensiti* (0)
50. life-threat* NEAR hypersensiti* (1)
51. severe* NEAR hypersensiti* (21)
52. severity NEAR AND hypersensiti* (0)
53. #41 OR #42 OR #43 OR #44 OR #45 OR #46 OR #47 OR #48 OR #49 OR #50 OR #51 OR #52 (37)
54. (systemic* NEAR reaction*) OR (allerg* NEAR reaction*) OR (skin* NEAR reaction*) OR (dermatolog* NEAR reaction*) OR (cutaneous* NEAR reaction*) (244)
55. (systemic* NEAR effect*) OR (allerg* NEAR effect*) OR (skin* NEAR effect*) OR (dermatolog* NEAR effect*) OR (cutaneous* NEAR effect*) (1317)
56. (systemic* NEAR event*) OR (allerg* NEAR event*) OR (skin* NEAR event*) OR (dermatolog* NEAR event*) OR (cutaneous* NEAR event*) (241)
57. (systemic* NEAR rash*) OR (allerg* NEAR rash*) OR (skin* NEAR rash*) OR (dermatolog* NEAR rash*) OR (cutaneous* NEAR rash*) (79)
58. #54 or #55 or #56 or #57 (1533)
59. #8 or #13 or #14 or #27 or #40 or #53 or #58 (1734)
60. MeSH Recurrence (946)
61. (recrudescen* OR recur* OR repeat* OR re-occur* OR reoccur* OR subsequent* OR repetition* OR repeat*) (5726)
62. (future NEAR episode*) OR (future NEAR event*) OR (future NEAR inciden*) (318)
63. (future NEAR occur*) OR (future NEAR experience*) OR (future NEAR attack*) OR (future NEAR bout*) (177)
64. #62 OR #63 (470)
65. #60 OR #61 OR #64 (6596)
66. MeSH Risk (490)

67. MeSH Risk assessment (1274)
68. MeSH Risk Factors (2459)
69. #66 or #67 or #68 (3921)
70. (risk OR risks OR likelihood*) (13,669)
71. #69 or #70 (15,477)
72. #65 AND #71 (3369)
73. #59 AND #72 (200)

The DARE search retrieved 129 records.

The NHS EED search retrieved 61 records.

The HTA search retrieved 10 records.

Science Citation Index (SCI) (Web of Science): 1970 to 12 February 2011

Searched 14 February 2011

12 3367 #10 not #11

Databases = SCI-EXPANDED Timespan = All Years

11 >100,000 TS = (cat or cats or dog or dogs or animal or animals or rat or rats or hamster or hamster or feline or ovine or canine or bovine or sheep)

Databases = SCI-EXPANDED Timespan = All Years

10 3702 #4 and #8

Databases = SCI-EXPANDED Timespan = All Years

9 >100,000 #5 and #7

Databases = SCI-EXPANDED Timespan = All Years

8 >100,000 TS = (risk or risks or likelihood*)

Databases = SCI-EXPANDED Timespan = All Years

7 >100,000 #6 OR #5

Databases = SCI-EXPANDED Timespan = All Years

6 14,633 TS = (Future SAME (episode* or event* or inciden* or occur* or experience* or attack* or bout*))

Databases = SCI-EXPANDED Timespan = All Years

5 >100,000 TS = (Recrudescen* or recur* or repeat* or re-occur* or reoccur* or subsequent* or repetition* or repeat*)

Databases = SCI-EXPANDED Timespan = All Years

4 28,875 #1 or #2 or #3

Databases = SCI-EXPANDED Timespan = All Years

3 7739 TS = ((severe* or severity or worse* or acute* or emergenc* or urgen* or grave* or serious* or dangerous* or life-threat* or lifethreat* or potentially fatal*) SAME (systemic* or allerg* or skin* or dermatolog* or cutaneous*) SAME (reaction* or effect* or event* or rash*))

Databases = SCI-EXPANDED Timespan = All Years

2 8259 TS = ((severe* or severity or worse* or acute* or emergenc* or urgen* or grave* or serious* or dangerous* or life-threat* or lifethreat* or potentially fatal*) SAME (allerg* or Hypersensiti* or hyper-sensiti*))

Databases = SCI-EXPANDED Timespan = All Years

1 16,857 TS = (Anaphyla* or pseudoanaphyla*)

Databases = SCI-EXPANDED Timespan = All Years

**Cumulative Index to Nursing and Allied Health Literature (CINAHL; EBSCOhost):
1981 to 18 February 2011**

Searched 23 February 2011

S17 s9 and s16 Limiters - Exclude MEDLINE records (196)

S16 s12 and s15 (22,108)

S15 s13 or s14 (250,339)

S14 TX (risk or risks or likelihood*) (250,339)

S13 (MH "Risk Assessment") OR (MH "Risk Factors") (64,318)

S12 s10 or s11 (97,852)

S11 TX (Recrudescen* or recur* or repeat* or re-occur* or reoccur* or subsequent* or repetition* or repeat*) or TX ((Future N3 episode* or (Future N3 event*) or (Future N3 inciden*) or (Future N3 occur*) or (Future N3 experienc*) or (Future N3 attack*) or (Future N3 bout*)) (97,852)

S10 (MH "Recurrence") (12,583)

S9 s1 or s2 or s3 or s4 or s5 or s6 or s7 or s8 (30,528)

S8 TX (severe* N2 rash*) or (severity N2 rash*) or (worse* N2 rash*) or (acute* N2 rash*) or (emergenc* N2 rash*) or (urgen* N2 rash*) or (grave* N2 rash*) or (serious* N2 rash*) or (dangerous* N2 rash*) or (life-threat* N2 rash*) or (lifethreat* N2 rash*) or (potentially N3 fatal* N2 rash*) (97)

S7 TX ((severe* N2 reaction*) or (severity N2 reaction*) or (worse* N2 reaction*) or (acute* N2 reaction*) or (emergenc* N2 reaction*) or (urgen* N2 reaction*) or (grave* N2 reaction*) or (serious* N2 reaction*) or (dangerous* N2 reaction*) or (life-threat* N2 reaction*) or (lifethreat* N2 reaction*) or (potentially N3 fatal* N2 reaction*)) or TX ((severe* N2 effect*) or (severity N2 effect*) or (worse* N2 effect*) or (acute* N2 effect*) or (emergenc* N2 effect*) or (urgen* N2 effect*) or (grave* N2 effect*) or (serious* N2 effect*) or (dangerous* N2 effect*) or (life-threat* N2 effect*) or (lifethreat* N2 effect*) or (potentially N3 fatal* N2 effect*)) or TX ((severe* N2 event*) or (severity N2 event*) or (worse* N2 event*) or (acute* N2 event*) or (emergenc* N2 event*) or (urgen* N2 event*) or (grave* N2 event*) or (serious* N2 event*) or (dangerous* N2 event*) or (life-threat* N2 event*) or (lifethreat* N2 event*) or (potentially N3 fatal* N2 event*)) TX ((severe* N2 reaction*) or (severity N2 reaction*) or (worse* N2 reaction*) or (acute* N2 reaction*) or (emergenc* N2 reaction*) or (urgen* N2 reaction*) or (grave* N2 reaction*) or (serious* N2 reaction*) or (dangerous* N2 reaction*) or (life-threat* N2 reaction*) or (lifethreat* N2 reaction*) or (potentially N3 fatal* N2 reaction*)) or TX ((severe* N2 effect*) or (severity N2 effect*) or (worse* N2 effect*) or (acute* N2 effect*) or (emergenc* N2 effect*) or (urgen* N2 effect*) or (grave* N2 effect*) or (serious* N2 effect*) or (dangerous* N2 effect*) or (life-threat*

- N2 effect*) or (lifethreat* N2 effect*) or (potentially N3 fatal* N2 effect*)) or TX ((severe* N2 event*) or (severity N2 event*) or (worse* N2 event*) or (acute* N2 event*) or (emergenc* N2 event*) or (urgen* N2 event*) or (grave* N2 event*) or (serious* N2 event*) or (dangerous* N2 event*) or (life-threat* N2 event*) or (lifethreat* N2 event*) or (potentially N3 fatal* N2 event*)) (9240)
- S6 TX ((severe* N3 allerg*) or (severity N3 allerg*) or (worse* N3 allerg*) or (acute* N3 allerg*) or (emergenc* N3 allerg*) or (urgen* N3 allerg*) or (grave* N3 allerg*) or (serious* N3 allerg*) or (dangerous* N3 allerg*) or (life-threat* N3 allerg*) or (lifethreat* N3 allerg*) or (potentially N3 fatal* N3 allerg*)) or TX ((severe* N3 hypersensiti*) or (severity N3 hypersensiti*) or (worse* N3 hypersensiti*) or (acute* N3 hypersensiti*) or (emergenc* N3 hypersensiti*) or (urgen* N3 hypersensiti*) or (grave* N3 hypersensiti*) or (serious* N3 hypersensiti*) or (dangerous* N3 hypersensiti*) or (life-threat* N3 hypersensiti*) or (lifethreat* N3 hypersensiti*) or (potentially N3 fatal* N3 hypersensiti*)) or TX ((severe* N3 hyper-sensiti*) or (severity N3 hyper-sensiti*) or (worse* N3 hyper-sensiti*) or (acute* N3 hyper-sensiti*) or (emergenc* N3 hyper-sensiti*) or (urgen* N3 hyper-sensiti*) or (grave* N3 hyper-sensiti*) or (serious* N3 hyper-sensiti*) or (dangerous* N3 hyper-sensiti*) or (life-threat* N3 hyper-sensiti*) or (lifethreat* N3 hyper-sensiti*) or (potentially N3 fatal* N3 hyper-sensiti*)) (711)
- S5 TI (Anaphyla* or pseudoanaphyla*) or AB (Anaphyla* or pseudoanaphyla*) (1234)
- S4 (MH "Latex Hypersensitivity") ((1229)
- S3 (MH "Food Hypersensitivity+") ((1992)
- S2 (MH "Drug Hypersensitivity") ((1362)
- S1 (MH "Hypersensitivity, Immediate+") ((20,402)

Health economic search

The following sources were searched to identify economic evaluations and quality-of-life data. These searches were conducted between February and March 2011.

MEDLINE (OvidSP): 1948 to week 2 March 2011

Searched 17 March 2011

1. economics/ (25,965)
2. exp "costs and cost analysis"/ (154,360)
3. economics, dental/ (1814)
4. exp "economics, hospital"/ (17,009)
5. economics, medical/ (8379)
6. economics, nursing/ (3839)
7. economics, pharmaceutical/ (2194)
8. (economic\$ or cost or costs or costly or costing or price or prices or pricing or pharmacoeconomic\$).ti,ab. (327,719)
9. (expenditure\$ not energy).ti,ab. (13,900)
10. (value adj1 money).ti,ab. (18)
11. budget\$.ti,ab. (14,162)
12. or/1-11 (439,089)
13. ((energy or oxygen) adj cost).ti,ab. (2243)
14. (metabolic adj cost).ti,ab. (578)

15. ((energy or oxygen) adj expenditure).ti,ab. (12,794)
16. or/13-15 (15,012)
17. 12 not 16 (435,668)
18. letter.pt. (707,514)
19. editorial.pt. (270,646)
20. historical article.pt. (271,900)
21. or/18-20 (1,237,508)
22. 17 not 21 (411,802)
23. animals/ not (animals/ and humans/) (3,467,241)
24. 22 not 23 (388,655)
25. hypersensitivity/ or drug hypersensitivity/ or exp drug eruptions/ or hypersensitivity, immediate/ or anaphylaxis/ or asthma, aspirin-induced/ or eosinophilic esophagitis/ (85,022)
26. food hypersensitivity/ or alveolitis, extrinsic allergic/ or aspergillosis, allergic bronchopulmonary/ or latex hypersensitivity/ (15,572)
27. (Anaphyla\$ or pseudoanaphyla\$).ti,ab,ot,hw. (24,719)
28. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj3 (allerg\$ or Hypersensiti\$ or hyper-sensiti\$)).ti,ab,ot,hw. (4407)
29. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj2 (systemic\$ or allerg\$ or skin\$ or dermatolog\$ or cutaneous\$) adj2 (reaction\$ or effect\$ or event\$ or rash\$)).ti,ot,ab. (2291)
30. or/25-29 (108,202)
31. 24 and 30 (1048)

Costs filter: Centre for Reviews and Dissemination. NHS EED Economics Filter: Medline (Ovid) monthly search [Internet]. York: Centre for Reviews and Dissemination; 2010 [cited 13 January 2011]. Available from: www.crd.york.ac.uk/crdweb/html/helpdoc.htm#MEDLINE_NHSEED

Medline In-Process Citations (OvidSP): up to 16 March 2011
Medline Daily Update (OvidSP): up to 16 March 2011

Searched 17 March 2011

1. economics/ (4)
2. exp "costs and cost analysis"/ (74)
3. economics, dental/ (0)
4. exp "economics, hospital"/ (8)
5. economics, medical/ (0)
6. economics, nursing/ (0)
7. economics, pharmaceutical/ (1)
8. (economic\$ or cost or costs or costly or costing or price or prices or pricing or pharmacoeconomic\$).ti,ab. (21,859)
9. (expenditure\$ not energy).ti,ab. (657)
10. (value adj1 money).ti,ab. (2)
11. budget\$.ti,ab. (1252)
12. or/1-11 (23,138)
13. ((energy or oxygen) adj cost).ti,ab. (144)
14. (metabolic adj cost).ti,ab. (36)
15. ((energy or oxygen) adj expenditure).ti,ab. (507)
16. or/13-15 (665)
17. 12 not 16 (22,934)
18. letter.pt. (15,937)
19. editorial.pt. (9720)
20. historical article.pt. (115)

21. or/18-20 (25,758)
22. 17 not 21 (22,640)
23. animals/ not (animals/ and humans/) (1312)
24. 22 not 23 (22,627)
25. hypersensitivity/ or drug hypersensitivity/ or exp drug eruptions/ or hypersensitivity, immediate/ or anaphylaxis/ or asthma, aspirin-induced/ or eosinophilic esophagitis/ (40)
26. food hypersensitivity/ or alveolitis, extrinsic allergic/ or aspergillosis, allergic bronchopulmonary/ or latex hypersensitivity/ (7)
27. (Anaphyla\$ or pseudoanaphyla\$).ti,ab,ot,hw. (574)
28. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj3 (allerg\$ or Hypersensiti\$ or hyper-sensiti\$)).ti,ab,ot,hw. (176)
29. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj2 (systemic\$ or allerg\$ or skin\$ or dermatolog\$ or cutaneous\$) adj2 (reaction\$ or effect\$ or event\$ or rash\$)).ti,ot,ab. (98)
30. or/25-29 (810)
31. 24 and 30 (21)

Based on Costs filter: Centre for Reviews and Dissemination. NHS EED Economics Filter: Medline (Ovid) monthly search [Internet]. York: Centre for Reviews and Dissemination; 2010 [cited 13 January 2011]. Available from: www.crd.york.ac.uk/crdweb/html/helpdoc.htm#MEDLINE_NHSEED

EMBASE (OvidSP): 1980 to week 10 2011

Searched 17 March 2011

1. health-economics/ (29,979)
2. exp economic-evaluation/ (164,685)
3. exp health-care-cost/ (158,213)
4. exp pharmacoeconomics/ (135,242)
5. or/1-4 (379,306)
6. (econom\$ or cost or costs or costly or costing or price or prices or pricing or pharmacoeconomic\$).ti,ab. (422,362)
7. (expenditure\$ not energy).ti,ab. (16,881)
8. (value adj2 money).ti,ab. (884)
9. budget\$.ti,ab. (17,911)
10. or/6-9 (440,596)
11. 5 or 10 (666,254)
12. letter.pt. (721,412)
13. editorial.pt. (367,270)
14. note.pt. (436,494)
15. or/12-14 (1,525,176)
16. 11 not 15 (596,935)
17. (metabolic adj cost).ti,ab. (638)
18. ((energy or oxygen) adj cost).ti,ab. (2507)
19. ((energy or oxygen) adj expenditure).ti,ab. (14,885)
20. or/17-19 (17,369)
21. 16 not 20 (593,002)
22. animal/ or animal experiment/ (3,059,048)
23. (rat or rats or mouse or mice or murine or rodent or rodents or hamster or hamsters or pig or pigs or porcine or rabbit or rabbits or animal or animals or dogs or dog or cats or cow or bovine or sheep or ovine or monkey or monkeys).mp. (4,688,188)
24. or/22-23 (4,688,188)
25. exp human/ or human experiment/ (12,277,839)

26. 24 not (24 and 25) (3,764,868)
27. 21 not 26 (567,207)
28. Hypersensitivity/ or exp Drug hypersensitivity/ or exp drug eruptions/ or Hypersensitivity-Reaction/ or Immediate-Type-Hypersensitivity/ (88,290)
29. Eosinophilic esophagitis/ or Food-Allergy/ or Allergic-Pneumonitis/ or Allergic-Bronchopulmonary-Aspergillosis/ (18,423)
30. Anaphylactic-Shock/ or Anaphylactoid-Purpura/ or Passive-Skin-Anaphylaxis/ or Skin-Anaphylaxis/ or Anaphylaxis/ (32,909)
31. (Anaphyla\$ or pseudoanaphyla\$.ti,ab,ot,hw. (39,414)
32. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj3 (allerg\$ or Hypersensiti\$ or hyper-sensiti\$)).ti,ab,ot,hw. (5959)
33. ((severe\$ or severity or worse\$ or acute\$ or emergenc\$ or urgen\$ or grave\$ or serious\$ or dangerous\$ or life-threat\$ or lifethreat\$ or potentially fatal\$) adj2 (systemic\$ or allerg\$ or skin\$ or dermatolog\$ or cutaneous\$) adj2 (reaction\$ or effect\$ or event\$ or rash\$)).ti,ot,ab. (3063)
34. or/28-33 (137,588)
35. 27 and 34 (5617)

Costs filter: Centre for Reviews and Dissemination. NHS EED Economics Filter: Embase (Ovid) weekly search [Internet]. York: Centre for Reviews and Dissemination; 2010 [cited 17 March 2011]. Available from: www.crd.york.ac.uk/crdweb/html/helpdoc.htm#embase

Health Technology Assessment (HTA) (Internet): 2000 to 16 March 2011
www.crd.york.ac.uk/crdweb/

Searched 17 March 11

1. MeSH Hypersensitivity (51)
2. MeSH Drug hypersensitivity (29)
3. MeSH Hypersensitivity, immediate (7)
4. MeSH Anaphylaxis (17)
5. MeSH Drug Eruptions EXPLODE 1 2 3 (12)
6. MeSH food hypersensitivity (14)
7. MeSH alveolitis, extrinsic allergic (0)
8. MeSH aspergillosis, allergic bronchopulmonary (0)
9. MeSH latex hypersensitivity (5)
10. Anaphyla* OR pseudoanaphyla* (80)
11. (severe* NEAR allerg*) OR (severity NEAR allerg*) OR (worse* NEAR allerg*) OR (acute* NEAR allerg*) (117)
12. (emergenc* NEAR allerg*) OR (urgen* NEAR allerg*) OR (grave* NEAR allerg*) OR (serious* NEAR allerg*) (50)
13. (dangerous* NEAR allerg*) OR (life-threat* NEAR allerg*) OR (lifethreat* NEAR allerg*) OR (potentially AND fatal* NEAR allerg*) (12)
14. (severe* NEAR Hypersensiti*) OR (severity NEAR Hypersensiti*) OR (worse* NEAR Hypersensiti*) OR (acute* NEAR Hypersensiti*) (29)
15. (emergenc* NEAR Hypersensiti*) OR (urgen* NEAR Hypersensiti*) OR (grave* NEAR Hypersensiti*) OR (serious* NEAR Hypersensiti*) (11)
16. (dangerous* NEAR Hypersensiti*) OR (life-threat* NEAR Hypersensiti*) OR (lifethreat* NEAR Hypersensiti*) OR (potentially AND fatal* NEAR Hypersensiti*) (5)
17. (severe* NEAR Hyper-sensiti*) OR (severity NEAR Hyper-sensiti*) OR (worse* NEAR Hyper-sensiti*) OR (acute* NEAR Hyper-sensiti*) (29)
18. (emergenc* NEAR Hyper-sensiti*) OR (urgen* NEAR Hyper-sensiti*) OR (grave* NEAR Hyper-sensiti*) OR (serious* NEAR Hyper-sensiti*) (11)

19. (dangerous* NEAR Hyper-sensiti*) OR (life-threat* NEAR Hyper-sensiti*) OR (lifethreat* NEAR Hyper-sensiti*) OR (potentially AND fatal* NEAR Hyper-sensiti*) (5)
20. (severe* NEAR Systemic*) OR (severity NEAR Systemic*) OR (worse* NEAR Systemic*) OR (acute* NEAR Systemic*) (180)
21. (emergenc* NEAR Systemic*) OR (urgen* NEAR Systemic*) OR (grave* NEAR Systemic*) OR (serious* NEAR Systemic*) (41)
22. (dangerous* NEAR Systemic*) OR (life-threat* NEAR Systemic*) OR (lifethreat* NEAR Systemic*) OR (potentially AND fatal* NEAR Systemic*) (18)
23. (dangerous* NEAR Skin) OR (life-threat* NEAR Skin) OR (lifethreat* NEAR Skin) OR (potentially AND fatal* NEAR Skin) (14)
24. (severe* NEAR Skin) OR (severity NEAR Skin) OR (worse* NEAR Skin) OR (acute* NEAR Skin) (175)
25. (emergenc* NEAR Skin) OR (urgen* NEAR Skin) OR (grave* NEAR Skin) OR (serious* NEAR Skin) (85)
26. (severe* NEAR Dermatolog*) OR (severity NEAR Dermatolog*) OR (worse* NEAR Dermatolog*) OR (acute* NEAR Dermatolog*) (41)
27. (emergenc* NEAR Dermatolog*) OR (urgen* NEAR Dermatolog*) OR (grave* NEAR Dermatolog*) OR (serious* NEAR Dermatolog*) (7)
28. (dangerous* NEAR Dermatolog*) OR (life-threat* NEAR Dermatolog*) OR (lifethreat* NEAR Dermatolog*) OR (potentially AND fatal* NEAR Dermatolog*) (0)
29. #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 (521)
30. #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 (808)
31. (econom* OR cost OR costs OR costly OR costing OR price OR prices OR pricing OR pharmaco-economic* OR budget*) (35,538)
32. (expenditure* NOT energy) (738)
33. (value NEAR money) (204)
34. #31 or #32 or #33 (35,555)
35. #30 and #34 (396)

The HTA search retrieved 28 records.

NHS Economic Evaluation Database (NHS EED) (Internet): 2000 to 16 March 2011
www.crd.york.ac.uk/crdweb/

Searched 17 March 2011

1. MeSH Hypersensitivity (51)
2. MeSH Drug hypersensitivity (29)
3. MeSH Hypersensitivity, immediate (7)
4. MeSH Anaphylaxis (17)
5. MeSH Drug Eruptions EXPLODE 1 2 3 (12)
6. MeSH food hypersensitivity (14)
7. MeSH alveolitis, extrinsic allergic (0)
8. MeSH aspergillosis, allergic bronchopulmonary 0)
9. MeSH latex hypersensitivity (5)
10. Anaphyla* OR pseudoanaphyla* (80)
11. (severe* NEAR allerg*) OR (severity NEAR allerg*) OR (worse* NEAR allerg*) OR (acute* NEAR allerg*) (117)
12. (emergenc* NEAR allerg*) OR (urgen* NEAR allerg*) OR (grave* NEAR allerg*) OR (serious* NEAR allerg*) (50)
13. (dangerous* NEAR allerg*) OR (life-threat* NEAR allerg*) OR (lifethreat* NEAR allerg*) OR (potentially AND fatal* NEAR allerg*) (12)
14. (severe* NEAR Hypersensiti*) OR (severity NEAR Hypersensiti*) OR (worse* NEAR Hypersensiti*) OR (acute* NEAR Hypersensiti*) (29)

15. (emergenc* NEAR Hypersensiti*) OR (urgen* NEAR Hypersensiti*) OR (grave* NEAR Hypersensiti*) OR (serious* NEAR Hypersensiti*) (11)
16. (dangerous* NEAR Hypersensiti*) OR (life-threat* NEAR Hypersensiti*) OR (lifethreat* NEAR Hypersensiti*) OR (potentially AND fatal* NEAR Hypersensiti*) (5)
17. (severe* NEAR Hyper-sensiti*) OR (severity NEAR Hyper-sensiti*) OR (worse* NEAR Hyper-sensiti*) OR (acute* NEAR Hyper-sensiti*) (29)
18. (emergenc* NEAR Hyper-sensiti*) OR (urgen* NEAR Hyper-sensiti*) OR (grave* NEAR Hyper-sensiti*) OR (serious* NEAR Hyper-sensiti*) (11)
19. (dangerous* NEAR Hyper-sensiti*) OR (life-threat* NEAR Hyper-sensiti*) OR (lifethreat* NEAR Hyper-sensiti*) OR (potentially AND fatal* NEAR Hyper-sensiti*) (5)
20. (severe* NEAR Systemic*) OR (severity NEAR Systemic*) OR (worse* NEAR Systemic*) OR (acute* NEAR Systemic*) (180)
21. (emergenc* NEAR Systemic*) OR (urgen* NEAR Systemic*) OR (grave* NEAR Systemic*) OR (serious* NEAR Systemic*) (41)
22. (dangerous* NEAR Systemic*) OR (life-threat* NEAR Systemic*) OR (lifethreat* NEAR Systemic*) OR (potentially AND fatal* NEAR Systemic*) (18)
23. (dangerous* NEAR Skin) OR (life-threat* NEAR Skin) OR (lifethreat* NEAR Skin) OR (potentially AND fatal* NEAR Skin) (14)
24. (severe* NEAR Skin) OR (severity NEAR Skin) OR (worse* NEAR Skin) OR (acute* NEAR Skin) (175)
25. (emergenc* NEAR Skin) OR (urgen* NEAR Skin) OR (grave* NEAR Skin) OR (serious* NEAR Skin) (85)
26. (severe* NEAR Dermatolog*) OR (severity NEAR Dermatolog*) OR (worse* NEAR Dermatolog*) OR (acute* NEAR Dermatolog*) (41)
27. (emergenc* NEAR Dermatolog*) OR (urgen* NEAR Dermatolog*) OR (grave* NEAR Dermatolog*) OR (serious* NEAR Dermatolog*) (7)
28. (dangerous* NEAR Dermatolog*) OR (life-threat* NEAR Dermatolog*) OR (lifethreat* NEAR Dermatolog*) OR (potentially AND fatal* NEAR Dermatolog*) (0)
29. #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 (521)
30. #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 (808)

The NHS EED search retrieved 299 records.

Science Citation Index (SCI) (Web of Science): 1970 to 12 February 2011

Searched 14 February 2011

17 492 #6 and #16
Databases = SCI-EXPANDED Timespan = All Years

16 >100,000 #11 not #15
Databases = SCI-EXPANDED Timespan = All Years

15 31,011 #12 or #13 or #14
Databases = SCI-EXPANDED Timespan = All Years

14 19,066 TS = ((energy or oxygen) SAME expenditure)
Databases = SCI-EXPANDED Timespan = All Years

13 1,447 TS = (metabolic SAME cost)
Databases = SCI-EXPANDED Timespan = All Years

12 11,824 TS = ((energy or oxygen) SAME cost)
Databases = SCI-EXPANDED Timespan = All Years

- 11 >100,000 #7 or #8 or #9 or #10
Databases = SCI-EXPANDED Timespan = All Years
- 10 41,609 TS = budget*
Databases = SCI-EXPANDED Timespan = All Years
- 9 886 TS = (value SAME money)
Databases = SCI-EXPANDED Timespan = All Years
- 8 12,743 TS = (expenditure* not energy)
Databases = SCI-EXPANDED Timespan = All Years
- 7 >100,000 TS = (economic* or cost or costs or costly or costing or price or prices or pricing
or pharmaco-economic*)
Databases = SCI-EXPANDED Timespan = All Years
- 6 23,983 #4 not #5
Databases = SCI-EXPANDED Timespan = All Years
- 5 >100,000 TS = (cat or cats or dog or dogs or animal or animals or rat or rats or hamster or
hamster or feline or ovine or canine or bovine or sheep)
Databases = SCI-EXPANDED Timespan = All Years
- 4 28,875 #1 or #2 or #3
Databases = SCI-EXPANDED Timespan = All Years
- 3 7,739 TS = ((severe* or severity or worse* or acute* or emergenc* or urgen* or grave*
or serious* or dangerous* or life-threat* or lifethreat* or potentially fatal*) SAME
(systemic* or allerg* or skin* or dermatolog* or cutaneous*) SAME (reaction* or
effect* or event* or rash*))
Databases = SCI-EXPANDED Timespan = All Years
- 2 8,259 TS = ((severe* or severity or worse* or acute* or emergenc* or urgen* or grave*
or serious* or dangerous* or life-threat* or lifethreat* or potentially fatal*) SAME
(allerg* or Hypersensiti* or hyper-sensiti*))
Databases = SCI-EXPANDED Timespan = All Years
- 1 16,857 TS = (Anaphyla* or pseudoanaphyla*)
Databases = SCI-EXPANDED Timespan = All Years

Based on Costs filter: Centre for Reviews and Dissemination. NHS EED Economics Filter: Medline (Ovid) monthly search [Internet]. York: Centre for Reviews and Dissemination; 2010 [cited 13 January 2011]. Available from: www.crd.york.ac.uk/crdweb/html/helpdoc.htm#MEDLINE_NHSEED

Cumulative Index to Nursing and Allied Health Literature (CINAHL; EBSCOhost): 1981 to 18 February 2011

Searched 23 February 2011

S13 s9 and s12 Limiters - Exclude MEDLINE records (651)

S12 s10 not s11 (158,410)

- S11 TX (energy N3 cost) or (oxygen N3 cost) or (energy N3 expenditure) or (oxygen N3 expenditure) or (metabolic N3 cost) (2620)
- S10 TX (value N3 money) or TX ((expenditure* not energy)) or TX ((economic* or cost or costs or costly or costing or price or prices or pricing or pharmacoeconomic* or budget*)) (159,067)
- S9 s1 or s2 or s3 or s4 or s5 or s6 or s7 or s8 (30,528)
- S8 TX (severe* N2 rash*) or (severity N2 rash*) or (worse* N2 rash*) or (acute* N2 rash*) or (emergenc* N2 rash*) or (urgen* N2 rash*) or (grave* N2 rash*) or (serious* N2 rash*) or (dangerous* N2 rash*) or (life-threat* N2 rash*) or (lifethreat* N2 rash*) or (potentially N3 fatal* N2 rash*) (97)
- S7 TX ((severe* N2 reaction*) or (severity N2 reaction*) or (worse* N2 reaction*) or (acute* N2 reaction*) or (emergenc* N2 reaction*) or (urgen* N2 reaction*) or (grave* N2 reaction*) or (serious* N2 reaction*) or (dangerous* N2 reaction*) or (life-threat* N2 reaction*) or (lifethreat* N2 reaction*) or (potentially N3 fatal* N2 reaction*)) or TX ((severe* N2 effect*) or (severity N2 effect*) or (worse* N2 effect*) or (acute* N2 effect*) or (emergenc* N2 effect*) or (urgen* N2 effect*) or (grave* N2 effect*) or (serious* N2 effect*) or (dangerous* N2 effect*) or (life-threat* N2 effect*) or (lifethreat* N2 effect*) or (potentially N3 fatal* N2 effect*)) or TX ((severe* N2 event*) or (severity N2 event*) or (worse* N2 event*) or (acute* N2 event*) or (emergenc* N2 event*) or (urgen* N2 event*) or (grave* N2 event*) or (serious* N2 event*) or (dangerous* N2 event*) or (life-threat* N2 event*) or (lifethreat* N2 event*) or (potentially N3 fatal* N2 event*)) TX ((severe* N2 reaction*) or (severity N2 reaction*) or (worse* N2 reaction*) or (acute* N2 reaction*) or (emergenc* N2 reaction*) or (urgen* N2 reaction*) or (grave* N2 reaction*) or (serious* N2 reaction*) or (dangerous* N2 reaction*) or (life-threat* N2 reaction*) or (lifethreat* N2 reaction*) or (potentially N3 fatal* N2 reaction*)) or TX ((severe* N2 effect*) or (severity N2 effect*) or (worse* N2 effect*) or (acute* N2 effect*) or (emergenc* N2 effect*) or (urgen* N2 effect*) or (grave* N2 effect*) or (serious* N2 effect*) or (dangerous* N2 effect*) or (life-threat* N2 effect*) or (lifethreat* N2 effect*) or (potentially N3 fatal* N2 effect*)) or TX ((severe* N2 event*) or (severity N2 event*) or (worse* N2 event*) or (acute* N2 event*) or (emergenc* N2 event*) or (urgen* N2 event*) or (grave* N2 event*) or (serious* N2 event*) or (dangerous* N2 event*) or (life-threat* N2 event*) or (lifethreat* N2 event*) or (potentially N3 fatal* N2 event*)) (9240)
- S6 TX ((severe* N3 allerg*) or (severity N3 allerg*) or (worse* N3 allerg*) or (acute* N3 allerg*) or (emergenc* N3 allerg*) or (urgen* N3 allerg*) or (grave* N3 allerg*) or (serious* N3 allerg*) or (dangerous* N3 allerg*) or (life-threat* N3 allerg*) or (lifethreat* N3 allerg*) or (potentially N3 fatal* N3 allerg*)) or TX ((severe* N3 hypersensiti*) or (severity N3 hypersensiti*) or (worse* N3 hypersensiti*) or (acute* N3 hypersensiti*) or (emergenc* N3 hypersensiti*) or (urgen* N3 hypersensiti*) or (grave* N3 hypersensiti*) or (serious* N3 hypersensiti*) or (dangerous* N3 hypersensiti*) or (life-threat* N3 hypersensiti*) or (lifethreat* N3 hypersensiti*) or (potentially N3 fatal* N3 hypersensiti*)) or TX ((severe* N3 hyper-sensiti*) or (severity N3 hyper-sensiti*) or (worse* N3 hyper-sensiti*) or (acute* N3 hyper-sensiti*) or (emergenc* N3 hyper-sensiti*) or (urgen* N3 hyper-sensiti*) or (grave* N3 hyper-sensiti*) or (serious* N3 hyper-sensiti*) or (dangerous* N3 hyper-sensiti*) or (life-threat* N3 hyper-sensiti*) or (lifethreat* N3 hyper-sensiti*) or (potentially N3 fatal* N3 hyper-sensiti*)) (711)
- S5 TI (Anaphyla* or pseudoanaphyla*) or AB (Anaphyla* or pseudoanaphyla*) (1234)
- S4 (MH "Latex Hypersensitivity") (1229)
- S3 (MH "Food Hypersensitivity+") (1992)

- S2 (MH "Drug Hypersensitivity") (1362)
- S1 (MH "Hypersensitivity, Immediate+") (20,402)