

Asthma Guidelines – EPR3 Literature Review Search Strategy Progress Summary

Special Considerations

Search Strategies

March 23, 2006 Mini-Update Search (Covering Dec. 1, 2005 – Mar. 15, 2006):

Run the strategy—with just updated dates:

Asthma[majr] AND (Cough[mh] OR cough variant asthma OR Diagnosis, differential[mh] OR pregnancy[mh] OR breast feeding[mh] OR lactation[mh] OR (Vocal cords[mh] AND laryngitis[mh]) OR vocal cord dysfunction OR Pulmonary disease, chronic obstructive[mh] OR (Bronchitis[mh] AND eosinophilia[mh]) OR eosinophilic bronchitis OR postnasal drip OR postnasal drainage OR seasonal asthma OR hay fever[mh] OR pollens[mh] OR allergens[mh] OR (Laryngeal diseases[mh] AND Pharyngeal Diseases[mh]) OR Laryngopharyngeal reflux OR adenoid hyperplasia OR Sleep apnea, obstructive[mh] OR Bronchospasm[mh] OR exercise induced bronchospasm OR ((Bronchospasm[mh] OR exercise induced bronchospasm) AND physiopathology[sh] AND therapy[sh] OR therapeutics[mh]) OR (asthma AND surgery) OR Aspergillosis, Allergic Bronchopulmonary[mh] OR ((Aged[mh] OR elderly) AND adherence) OR Cyclooxygenase Inhibitors[mh] OR cox inhibitors) AND 2005/12/01:2006/03/15[dp] AND human[mh] AND English[la] AND hasabstract

76 hits

Run the strategy with updated dates and publication-type limiters as well:

Asthma[majr] AND (Cough[mh] OR cough variant asthma OR Diagnosis, differential[mh] OR pregnancy[mh] OR breast feeding[mh] OR lactation[mh] OR (Vocal cords[mh] AND laryngitis[mh]) OR vocal cord dysfunction OR Pulmonary disease, chronic obstructive[mh] OR (Bronchitis[mh] AND eosinophilia[mh]) OR eosinophilic bronchitis OR postnasal drip OR postnasal drainage OR seasonal asthma OR hay fever[mh] OR pollens[mh] OR allergens[mh] OR (Laryngeal diseases[mh] AND Pharyngeal Diseases[mh]) OR Laryngopharyngeal reflux OR adenoid hyperplasia OR Sleep apnea, obstructive[mh] OR Bronchospasm[mh] OR exercise induced bronchospasm OR ((Bronchospasm[mh] OR exercise induced bronchospasm) AND physiopathology[sh] AND therapy[sh] OR therapeutics[mh]) OR (asthma AND surgery) OR Aspergillosis, Allergic Bronchopulmonary[mh] OR ((Aged[mh] OR elderly) AND adherence) OR Cyclooxygenase Inhibitors[mh] OR cox inhibitors) AND 2005/12/01:2006/03/15[dp] AND human[mh] AND English[la] AND hasabstract AND (randomized controlled trial[pt] OR meta-analysis[pt] OR ("systematic review" AND review[pt]) OR epidemiologic studies[mh])

30 hits- Removed duplicates to yield **27 hits**.

Get the residual set, which is the first set NOT second set. In my Pubmed session, it was:

#1 NOT #2

46 hits- Removed duplicates to yield **43 hits**.

January 9, 2006 Mini-Update Search (Covering Oct 2, 2005 – Jan 1, 2006):

Run the strategy—with just updated dates:

Asthma[majr] AND (Cough[mh] OR cough variant asthma OR Diagnosis, differential[mh] OR pregnancy[mh] OR breast feeding[mh] OR lactation[mh] OR (Vocal cords[mh] AND laryngitis[mh]) OR vocal cord dysfunction OR Pulmonary disease, chronic obstructive[mh] OR (Bronchitis[mh] AND eosinophilia[mh]) OR eosinophilic bronchitis OR postnasal drip OR postnasal drainage OR seasonal asthma OR hay fever[mh] OR pollens[mh] OR allergens[mh] OR (Laryngeal diseases[mh] AND Pharyngeal Diseases[mh]) OR Laryngopharyngeal reflux OR adenoid hyperplasia OR Sleep apnea, obstructive[mh] OR Bronchospasm[mh] OR exercise induced bronchospasm OR ((Bronchospasm[mh] OR exercise induced bronchospasm) AND physiopathology[sh] AND therapy[sh] OR therapeutics[mh]) OR (asthma AND surgery) OR Aspergillosis, Allergic Bronchopulmonary[mh] OR ((Aged[mh] OR elderly) AND adherence) OR

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Cyclooxygenase Inhibitors[mh] OR cox inhibitors) AND 2005/10/02:2006/01/01[dp] AND human[mh] AND English[la] AND hasabstract
22 hits

Run the strategy with updated dates and publication-type limiters as well:

Asthma[majr] AND (Cough[mh] OR cough variant asthma OR Diagnosis, differential[mh] OR pregnancy[mh] OR breast feeding[mh] OR lactation[mh] OR (Vocal cords[mh] AND laryngitis[mh]) OR vocal cord dysfunction OR Pulmonary disease, chronic obstructive[mh] OR (Bronchitis[mh] AND eosinophilia[mh]) OR eosinophilic bronchitis OR postnasal drip OR postnasal drainage OR seasonal asthma OR hay fever[mh] OR pollens[mh] OR allergens[mh] OR (Laryngeal diseases[mh] AND Pharyngeal Diseases[mh]) OR Laryngopharyngeal reflux OR adenoid hyperplasia OR Sleep apnea, obstructive[mh] OR Bronchospasm[mh] OR exercise induced bronchospasm OR ((Bronchospasm[mh] OR exercise induced bronchospasm) AND physiopathology[sh] AND therapy[sh] OR therapeutics[mh]) OR (asthma AND surgery) OR Aspergillosis, Allergic Bronchopulmonary[mh] OR ((Aged[mh] OR elderly) AND adherence) OR Cyclooxygenase Inhibitors[mh] OR cox inhibitors) AND 2005/10/02:2006/01/01[dp] AND human[mh] AND English[la] AND hasabstract AND (randomized controlled trial[pt] OR meta-analysis[pt] OR ("systematic review" AND review[pt]) OR epidemiologic studies[mh])
10 hits, but eliminated 1 duplicate to Nov Mini-Update search,
so final set is **9 hits**.

Get the residual set, which is the first set NOT second set. In my Pubmed session, it was:

#1 NOT #2

12 hits

November 2, 2005 Mini-Update Search (covering June 27, 2005 – Nov 2, 2005):

Run original strategy—with just updated dates:

Asthma[majr] AND (Cough[mh] OR cough variant asthma OR Diagnosis, differential[mh] OR pregnancy[mh] OR breast feeding[mh] OR lactation[mh] OR (Vocal cords[mh] AND laryngitis[mh]) OR vocal cord dysfunction OR Pulmonary disease, chronic obstructive[mh] OR (Bronchitis[mh] AND eosinophilia[mh]) OR eosinophilic bronchitis OR postnasal drip OR postnasal drainage OR seasonal asthma OR hay fever[mh] OR pollens[mh] OR allergens[mh] OR (Laryngeal diseases[mh] AND Pharyngeal Diseases[mh]) OR Laryngopharyngeal reflux OR adenoid hyperplasia OR Sleep apnea, obstructive[mh] OR Bronchospasm[mh] OR exercise induced bronchospasm OR ((Bronchospasm[mh] OR exercise induced bronchospasm) AND physiopathology[sh] AND therapy[sh] OR therapeutics[mh]) OR (asthma AND surgery) OR Aspergillosis, Allergic Bronchopulmonary[mh] OR ((Aged[mh] OR elderly) AND adherence) OR Cyclooxygenase Inhibitors[mh] OR cox inhibitors) AND 2005/06/27:2005/11/02[dp] AND human[mh] AND English[la] AND hasabstract
69 results

Now limit to specific types of studies (RCTs, meta-analysis, systematic reviews, and epidemiologic studies):

Asthma[majr] AND (Cough[mh] OR cough variant asthma OR Diagnosis, differential[mh] OR pregnancy[mh] OR breast feeding[mh] OR lactation[mh] OR (Vocal cords[mh] AND laryngitis[mh]) OR vocal cord dysfunction OR Pulmonary disease, chronic obstructive[mh] OR (Bronchitis[mh] AND eosinophilia[mh]) OR eosinophilic bronchitis OR postnasal drip OR postnasal drainage OR seasonal asthma OR hay fever[mh] OR pollens[mh] OR allergens[mh] OR (Laryngeal diseases[mh] AND Pharyngeal Diseases[mh]) OR Laryngopharyngeal reflux OR adenoid hyperplasia OR Sleep apnea, obstructive[mh] OR Bronchospasm[mh] OR exercise induced bronchospasm OR ((Bronchospasm[mh] OR exercise induced bronchospasm) AND physiopathology[sh] AND therapy[sh] OR therapeutics[mh]) OR (asthma AND surgery) OR

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Aspergillosis, Allergic Bronchopulmonary[mh] OR ((Aged[mh] OR elderly) AND adherence) OR Cyclooxygenase Inhibitors[mh] OR cox inhibitors) AND 2005/06/27:2005/11/02[dp] AND human[mh] AND English[la] AND hasabstract AND (randomized controlled trial[pt] OR meta-analysis[pt] OR ("systematic review" AND review[pt]) OR epidemiologic studies[mh])
36 results- Removed duplicates to yield **35 results**.

Compared set of 69 to set of 36 to find unique titles. Found 33 new citations.
33 results

July 31, 2005 Update:

ORIGINAL search – with only dates changed:

Asthma[majr] AND (Cough[mh] OR cough variant asthma OR Diagnosis, differential[mh] OR (Vocal cords[mh] AND laryngitis[mh]) OR vocal cord dysfunction OR Pulmonary disease, chronic obstructive[mh] OR (Bronchitis[mh] AND eosinophilia[mh]) OR eosinophilic bronchitis OR postnasal drip OR postnasal drainage OR (Laryngeal diseases[mh] AND Pharyngeal Diseases[mh]) OR Laryngopharyngeal reflux OR adenoid hyperplasia OR Sleep apnea, obstructive[mh] OR Bronchospasm[mh] OR exercise induced bronchospasm OR ((Bronchospasm[mh] OR exercise induced bronchospasm) AND physiopathology[sh] AND therapy[sh] OR therapeutics[mh]) OR (asthma AND surgery) OR Aspergillosis, Allergic Bronchopulmonary[mh] OR ((Aged[mh] OR elderly) AND adherence) OR Cyclooxygenase Inhibitors[mh] OR cox inhibitors) AND 2004/11/01:2005/07/31[dp] AND human[mh] AND English[la] AND hasabstract

243 results

Another search on July 27, 2005 (with proper pub type limits):

Asthma[majr] AND (Cough[mh] OR cough variant asthma OR Diagnosis, differential[mh] OR pregnancy[mh] OR breast feeding[mh] OR lactation[mh] OR (Vocal cords[mh] AND laryngitis[mh]) OR vocal cord dysfunction OR Pulmonary disease, chronic obstructive[mh] OR (Bronchitis[mh] AND eosinophilia[mh]) OR eosinophilic bronchitis OR postnasal drip OR postnasal drainage OR seasonal asthma OR hay fever[mh] OR pollens[mh] OR allergens[mh] OR (Laryngeal diseases[mh] AND Pharyngeal Diseases[mh]) OR Laryngopharyngeal reflux OR adenoid hyperplasia OR Sleep apnea, obstructive[mh] OR Bronchospasm[mh] OR exercise induced bronchospasm OR ((Bronchospasm[mh] OR exercise induced bronchospasm) AND physiopathology[sh] AND therapy[sh] OR therapeutics[mh]) OR (asthma AND surgery) OR Aspergillosis, Allergic Bronchopulmonary[mh] OR ((Aged[mh] OR elderly) AND adherence) OR Cyclooxygenase Inhibitors[mh] OR cox inhibitors) AND 2004/11/01:2005/07/27[dp] AND human[mh] AND English[la] AND hasabstract AND (randomized controlled trial[pt] OR meta-analysis[pt] OR ("systematic review" AND review[pt]) OR epidemiologic studies[mh])

130 results-Hand-weeded out case-control studies and ended up with **112 results**

Another search on July 27, 2005 (with proper pub type limits):

Asthma[majr] AND (Cough[mh] OR cough variant asthma OR Diagnosis, differential[mh] OR pregnancy[mh] OR breast feeding[mh] OR lactation[mh] OR (Vocal cords[mh] AND laryngitis[mh]) OR vocal cord dysfunction OR Pulmonary disease, chronic obstructive[mh] OR (Bronchitis[mh] AND eosinophilia[mh]) OR eosinophilic bronchitis OR postnasal drip OR postnasal drainage OR seasonal asthma OR (Laryngeal diseases[mh] AND Pharyngeal Diseases[mh]) OR adenoid hyperplasia OR Sleep apnea, obstructive[mh] OR Bronchospasm[mh] OR exercise induced bronchospasm OR ((Bronchospasm[mh] OR exercise induced bronchospasm) AND physiopathology[sh] AND therapy[sh] OR therapeutics[mh]) OR (asthma AND surgery) OR Aspergillosis, Allergic Bronchopulmonary[mh] OR ((Aged[mh] OR elderly) AND adherence) OR Cyclooxygenase Inhibitors[mh] OR cox inhibitors) AND 2004/11/01:2005/07/27[dp] AND human[mh] AND English[la] AND hasabstract AND (randomized controlled trial[pt] OR meta-analysis[pt] OR ("systematic review" AND review[pt]) OR epidemiologic studies[mh])

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110 results

November 10, 2004 (revised/new search):

Asthma[majr] AND (Cough[mh] OR cough variant asthma OR Diagnosis, differential[mh] OR (Vocal cords[mh] AND laryngitis[mh]) OR vocal cord dysfunction OR Pulmonary disease, chronic obstructive[mh] OR (Bronchitis[mh] AND eosinophilia[mh]) OR eosinophilic bronchitis OR postnasal drip OR postnasal drainage OR (Laryngeal diseases[mh] AND Pharyngeal Diseases[mh]) OR Laryngopharyngeal reflux OR adenoid hyperplasia OR Sleep apnea, obstructive[mh] OR Bronchospasm[mh] OR exercise induced bronchospasm OR ((Bronchospasm[mh] OR exercise induced bronchospasm) AND physiopathology[sh] AND therapy[sh] OR therapeutics[mh]) OR (asthma AND surgery) OR Aspergillosis, Allergic Bronchopulmonary[mh] OR ((Aged[mh] OR elderly) AND adherence) OR Cyclooxygenase Inhibitors[mh] OR cox inhibitors) AND 1997/01/01:2004/11/01[dp] AND human[mh] AND English[la] AND hasabstract

3,295 results - compared to original Factors results from Oct. (see below) that were already screened.

Eliminated duplicates

Ended up with **3,006 results**

Original strategy for Control of Factors section (related to Special Considerations topics) - screened prior to and at Oct. 22, 2004 meeting:

Asthma AND (allergens OR prevention OR environment OR occupational exposures OR gastroesophageal reflux OR rhinitis OR sinusitis OR viral respiratory infections OR immunotherapy OR aspirin OR beta blockers OR sulfites OR exercise OR ozone OR flu OR house dust mites OR psychological factors OR obesity OR air pollution OR atopy) AND Human[mh] AND clinical trial[pt] AND English[la] AND hasabstract AND 1997/01/01:2004/08/31[dp]

859 results