

Search Strategy

Project Title: Association of biochemical vitamin D status and respiratory tract infections: a systematic review and meta-analysis of observational evidence

Date: July 18, 2013

**Databases: MEDLINE
EMBASE
The Cochrane Central Registry of Controlled Trials (CENTRAL)
The Allied and Complimentary Medicine (AMED)
LILACS**

MEDLINE(R) 1946 to Present with Daily Update

Search Strategy:

1 vitamin d/ or cholecalciferol/ or hydroxycholecalciferols/ or calcifediol/ or dihydroxycholecalciferols/ or calcitriol/ or 24,25-dihydroxyvitamin d 3/ or ergocalciferols/ or dihydrotachysterol/ or 25-hydroxyvitamin d 2/

2 vitamin d deficiency/ or osteomalacia/ or rickets/ or hypophosphatemic rickets, x-linked dominant/ or renal osteodystrophy/

3 (cholecalciferol* or "vitamin d3" or "vitamin d2" or "vitamin d" or calciol or "vitamin d 3" or "vitamin d 2" or calcediol or "25-hydroxyvitamin d3" or calcifediol or calderol or dedrogyol or hydroxycholecalciferol* or "25 hydroxyvitamin*" or hidroferol or "hydroxyvitamins d" or dihydroxycholecalciferol* or calcitriol or "mc 1288" or "mc-1288" or mc1288 or calcijex or sitriol or silkis or osteotriol or soltriol or decostriol or renatriol or rocaltrol or calcitriolnefro or "calcitriol-nefro" or dihydroxyvitamin* or tirocal or bocatriol or ergocalciferol* or calciferol* or " 25 hydroxyergocalciferol*" or "25-hydroxyvitamin d 2" or "25-hydroxyergocalciferol*" or ercalcidiol or "25 hydroxyvitamin d2" or "25 hydroxyvitamin d 2" or "25-hydroxyvitamin d2" or "25 hydroxycalciferol" or "25-hydroxycalciferol").mp. or vitamin d/ or cholecalciferol/ or dihydroxycholecalciferols/ or 24,25-dihydroxyvitamin d 3/ or Cod Liver Oil/ or (cholecalciferol* or "vitamin d3" or "vitamin d" or "vitamin d 3" or dihydroxycholecalciferol* or (cod adj2 liver adj2 oil*) or "dihydroxyvitamin d 3" or "dihydroxyvitamin d3" or colecalciferol* or "hydroxyvitamin D").mp. or vitamin d deficiency/ or osteomalacia/ or rickets/ or hypophosphatemic rickets, x-linked dominant/ or renal osteodystrophy/

4 1-3 [****Vitamin D Terms****]

5 respiratory tract infections/ or bronchitis/ or bronchiolitis/ or bronchiolitis, viral/ or common cold/ or influenza, human/ or laryngitis/ or pharyngitis/ or nasopharyngitis/ or pneumonia/ or bronchopneumonia/ or pleuropneumonia/ or pneumonia, bacterial/ or chlamydial pneumonia/ or pneumonia, mycoplasma/ or pneumonia, pneumococcal/ or pneumonia, rickettsial/ or pneumonia, staphylococcal/ or pneumonia, viral/ or rhinitis/ or severe acute respiratory syndrome/ or sinusitis/ or ethmoid sinusitis/ or frontal sinusitis/ or

maxillary sinusitis/ or sphenoid sinusitis/ or supraglottitis/ or epiglottitis/ or tracheitis/ or exp Orthomyxoviridae/ or Viral Envelope Proteins/ or Adenoviridae/ or (coronavirus* or (corona adj2 virus*)).mp. or enterovirus/ or enterovirus a, human/ or exp enterovirus b, human/ or enterovirus c, human/ or enterovirus d, human/ or rhinovirus/ or Paramyxoviridae Infections/ or Adenoviridae/ or (parainfluenz* or adenovirus*).mp. or metapneumovirus/ or respiratory syncytial viruses/ or respiratory syncytial virus, human/ or ((Respiratory adj2 Syncytial adj2 Virus*) or rsv).mp. or respiratory tract diseases/ or bronchial diseases/ or respiratory distress syndrome, adult/ or respiratory tract infections/ or exp bronchitis/ or common cold/ or exp empyema, pleural/ or influenza, human/ or laryngitis/ or exp legionellosis/ or lung abscess/ or exp pharyngitis/ or exp pleurisy/ or exp pneumonia/ or rhinitis/ or severe acute respiratory syndrome/ or exp sinusitis/ or exp supraglottitis/ or tracheitis/ or whooping cough/ or infection control/ [****Respiratory Tract infections****]

6 4 and 5 [****FINAL RESULTS****]

EMBASE Classic + EMBASE <1947 to 2013 Week 2>

Search Strategy:

1 vitamin d/ or cholecalciferol/ or dihydroxycholecalciferols/ or 24,25-dihydroxyvitamin d 3/ or Cod Liver Oil/ or (cholecalciferol* or "vitamin d3" or "vitamin d" or "vitamin d 3" or dihydroxycholecalciferol* or (cod adj2 liver adj2 oil*) or "dihydroxyvitamin d 3" or "dihydroxyvitamin d3" or colecalciferol* or "hydroxyvitamin D").mp. or Vitamin D Deficiency/ or vitamin d/ or 24,25 dihydroxyvitamin d/ or exp colecalciferol derivative/ or vitamin d derivative/ or colecalciferol/ or colecalciferol derivative/ or (arachitol or mulsin or tracetten or vicotrat or devaron or duphafraal or dupharinterfran or irradiat or irradiat or "uedose vi-de 3" or vigantol or vigorsan).mp. or dihydroxycholecalciferol/ or cod liver oil/ or vitamin d/ or 24,25 dihydroxyvitamin d/ or exp colecalciferol derivative/ or vitamin d derivative/ or colecalciferol/ or colecalciferol derivative/ or colecalciferol/ or colecalciferol derivative/ or dihydroxycholecalciferol/ or cod liver oil/ or vitamin d/ or cholecalciferol/ or dihydroxycholecalciferols/ or 24,25-dihydroxyvitamin d 3/ or Cod Liver Oil/ or (cholecalciferol* or "vitamin d3" or "vitamin d" or "vitamin d 3" or dihydroxycholecalciferol* or (cod adj2 liver adj2 oil*) or "dihydroxyvitamin d 3" or "dihydroxyvitamin d3" or colecalciferol* or "hydroxyvitamin D" or arachitol or mulsin or tracetten or vicotrat or devaron or duphafraal or dupharinterfran or irradiat or irradiat or "uedose vi-de 3" or vigantol or vigorsan).mp. or vitamin D deficiency/ or vitamin d/ or 24,25 dihydroxyvitamin d/ or exp colecalciferol derivative/ or vitamin d derivative/ or colecalciferol/ or colecalciferol derivative/ or colecalciferol/ or colecalciferol derivative/ or dihydroxycholecalciferol/ or cod liver oil/ or vitamin d/ or cholecalciferol/ or dihydroxycholecalciferols/ or 24,25-dihydroxyvitamin d 3/ or Cod Liver Oil/ or (cholecalciferol* or "vitamin d3" or "vitamin d" or "vitamin d 3" or dihydroxycholecalciferol* or (cod adj2 liver adj2 oil*) or "dihydroxyvitamin d 3" or "dihydroxyvitamin d3" or colecalciferol* or "hydroxyvitamin D" or arachitol or mulsin or tracetten or vicotrat or devaron or duphafraal or dupharinterfran or irradiat or irradiat or "uedose vi-de 3" or vigantol or vigorsan).mp. or vitamin D deficiency/ or vitamin d/ or 24,25 dihydroxyvitamin d/ or 25 hydroxyvitamin d/ or "9,10 secocholesta 5,7,10(19) trien 23 yne 1,3,25 triol"/ or "9,10 secocholesta

5,7,10(19) trien 23 yne 3,25 diol"/ or "9,10 secocholesta 5,7,10(19),16 tetraen 23 yne 1,3,25 triol"/ or "9,10 secocholesta 5,7,10(19),22 tetraene 1,3,25,26 tetrol"/ or calcium phosphate dibasic plus ferrous sulfate plus manganese sulfate plus nicotinic acid plus riboflavin plus thiamine plus vitamin d/ or exp colecalciferol derivative/ or dihydrotachysterol/ or exp ergocalciferol derivative/ or lunacalcipol/ or vitamin d derivative/ or vitamin D deficiency/ or exp rickets/ or osteomalacia/ or (cholecalciferol* or "vitamin d3" or "vitamin d2" or "vitamin d" or calciol or "vitamin d 3" or "vitamin d 2" or calcediol or "25-hydroxyvitamin d3" or calcifediol or calderol or dedrogyl or hydroxycholecalciferol* or "25 hydroxyvitamin*" or hidroferol or "hydroxyvitamins d" or dihydroxycholecalciferol* or calcitriol or "mc 1288" or "mc-1288" or mc1288 or calcijex or sitriol or silkis or osteotriol or soltriol or decostriol or renatriol or rocaltrol or calcitriolnefro or "calcitriol-nefro" or dihydroxyvitamin* or tirocal or bocatriol or ergocalciferol* or calciferol* or " 25 hydroxyergocalciferol*" or "25-hydroxyvitamin d 2" or "25-hydroxyergocalciferol*" or ercalcidiol or "25 hydroxyvitamin d2" or "25 hydroxyvitamin d 2" or "25-hydroxyvitamin d2" or "25 hydroxycalciferol" or "25-hydroxycalciferol").mp. [****Vitamin D Terms****]

2 respiratory tract infections/ or bronchitis/ or bronchiolitis/ or bronchiolitis, viral/ or common cold/ or influenza, human/ or laryngitis/ or pharyngitis/ or nasopharyngitis/ or pneumonia/ or bronchopneumonia/ or pleuropneumonia/ or pneumonia, bacterial/ or chlamydial pneumonia/ or pneumonia, mycoplasma/ or pneumonia, pneumococcal/ or pneumonia, rickettsial/ or pneumonia, staphylococcal/ or pneumonia, viral/ or rhinitis/ or severe acute respiratory syndrome/ or sinusitis/ or ethmoid sinusitis/ or frontal sinusitis/ or maxillary sinusitis/ or sphenoid sinusitis/ or supraglottitis/ or epiglottitis/ or tracheitis/ or exp Orthomyxoviridae/ or Viral Envelope Proteins/ or Adenoviridae/ or (coronavirus* or (corona adj2 virus*)).mp. or enterovirus/ or enterovirus a, human/ or exp enterovirus b, human/ or enterovirus c, human/ or enterovirus d, human/ or rhinovirus/ or Paramyxoviridae Infections/ or Adenoviridae/ or (parainfluenz* or adenovirus*).mp. or metapneumovirus/ or respiratory syncytial viruses/ or respiratory syncytial virus, human/ or ((Respiratory adj2 Syncytial adj2 Virus*) or rsv).mp. or respiratory tract infection/ or influenza/ or exp influenza a/ or influenza b/ or influenza c/ or pandemic influenza/ or seasonal influenza/ or lung infection/ or lower respiratory tract infection/ or exp infectious pneumonia/ or viral bronchiolitis/ or parainfluenza virus infection/ or respiratory syncytial virus infection/ or upper respiratory tract infection/ or viral upper respiratory tract infection/ or viral respiratory tract infection/ or rhinitis/ or common cold/ or rhinopharyngitis/ or exp rhinosinusitis/ or pneumonia/ or acute chest syndrome/ or bronchopneumonia/ or exp infectious pneumonia/ or sinusitis/ or acute sinusitis/ or viral sinusitis/ or respiratory tract inflammation/ or exp epiglottitis/ or exp laryngitis/ or exp pharyngitis/ or supraglottitis/ or exp tracheitis/ or orthomyxovirus/ or exp influenza virus/ or adenovirus/ or adenovirus 12/ or adenovirus 2/ or adenovirus 5/ or adenovirus 7/ or enterovirus/ or enterovirus infection/ or human rhinovirus/ or paramyxovirus infection/ or exp parainfluenza virus infection/ or exp pneumovirus infection/ or coronavirus* or (corona adj2 virus*).mp. or (parainfluenz* or adenovirus*).mp. or ((Respiratory adj2 Syncytial adj2 Virus*) or rsv).mp. or respiratory tract infection/ or infection/ or respiratory tract disease/ or exp influenza/ or laryngotracheobronchitis/ or respiratory tract infection/ or infection/ or respiratory tract disease/ or exp influenza/ or laryngotracheobronchitis/ or parainfluenza virus infection/ or respiratory syncytial virus infection/ or rhinitis/ or respiratory tract inflammation/ or common cold/ or rhinopharyngitis/ or exp rhinosinusitis/ or pneumonia/ or bronchopneumonia/ or exp infectious pneumonia/ or upper respiratory tract congestion/ or upper respiratory tract infection/ or exp nose infection/ [****Respiratory Tract infections****]

EBM Reviews - Cochrane Central Register of Controlled Trials <July 2013>

Search Strategy:

1 vitamin d/ or cholecalciferol/ or dihydroxycholecalciferols/ or 24,25-dihydroxyvitamin d 3/ or Cod Liver Oil/ or (cholecalciferol* or "vitamin d3" or "vitamin d" or "vitamin d 3" or dihydroxycholecalciferol* or (cod adj2 liver adj2 oil*) or "dihydroxyvitamin d 3" or "dihydroxyvitamin d3" or colecalciferol* or "hydroxyvitamin D").mp. or Vitamin D Deficiency/ or vitamin d/ or 24,25 dihydroxyvitamin d/ or exp colecalciferol derivative/ or vitamin d derivative/ or colecalciferol/ or colecalciferol derivative/ or (arachitol or mulsin or tracetten or vicotrat or devaron or duphafraal or dupharinterfran or irradiia or irradiian or "uvedose vi-de 3" or vigantol or vigorsan).mp. or (cholecalciferol* or "vitamin d3" or "vitamin d2" or "vitamin d" or calciol or "vitamin d 3" or "vitamin d 2" or calcdiol or "25-hydroxyvitamin d3" or calcifediol or calderol or dedrogl or hydroxycholecalciferol* or "25 hydroxyvitamin*" or hidroferol or "hydroxyvitamins d" or dihydroxycholecalciferol* or calcitriol or "mc 1288" or "mc-1288" or mc1288 or calcijex or sitriol or silkis or osteotriol or soltriol or decostril or renatriol or rocaltrol or calcitriolnefro or "calcitriol-nefro" or dihydroxyvitamin* or tirocal or bocatriol or ergocalciferol* or calciferol* or " 25 hydroxyergocalciferol*" or "25-hydroxyvitamin d 2" or "25-hydroxyergocalciferol*" or ercalcdiol or "25 hydroxyvitamin d2" or "25 hydroxyvitamin d 2" or "25-hydroxyvitamin d2" or "25 hydroxycalciferol" or "25-hydroxycalciferol").mp. or vitamin D deficiency/ or exp rickets/ or osteomalacia/ or vitamin d/ or 24,25 dihydroxyvitamin d/ or 25 hydroxyvitamin d/ or "9,10 secocholesta 5,7,10(19) trien 23 yne 1,3,25 triol"/ or "9,10 secocholesta 5,7,10(19) trien 23 yne 3,25 diol"/ or "9,10 secocholesta 5,7,10(19),16 tetraen 23 yne 1,3,25 triol"/ or "9,10 secocholesta 5,7,10(19),22 tetraene 1,3,25,26 tetrol"/ or calcium phosphate dibasic plus ferrous sulfate plus manganese sulfate plus nicotinic acid plus riboflavin plus thiamine plus vitamin d/ or exp colecalciferol derivative/ or dihydrotachysterol/ or exp ergocalciferol derivative/ or lunacalcipol/ or vitamin d derivative/ or vitamin d/ or 24,25 dihydroxyvitamin d/ or exp colecalciferol derivative/ or vitamin d derivative/ or colecalciferol/ or colecalciferol derivative/ or colecalciferol/ or colecalciferol derivative/ or dihydroxycolecalciferol/ or cod liver oil/ or vitamin d/ or cholecalciferol/ or dihydroxycholecalciferols/ or 24,25-dihydroxyvitamin d 3/ or Cod Liver Oil/ or (cholecalciferol* or "vitamin d3" or "vitamin d" or "vitamin d 3" or dihydroxycholecalciferol* or (cod adj2 liver adj2 oil*) or "dihydroxyvitamin d 3" or "dihydroxyvitamin d3" or colecalciferol* or "hydroxyvitamin D" or arachitol or mulsin or tracetten or vicotrat or devaron or duphafraal or dupharinterfran or irradiia or irradiian or "uvedose vi-de 3" or vigantol or vigorsan).mp. or vitamin D deficiency/ or vitamin d/ or 24,25 dihydroxyvitamin d/ or exp colecalciferol derivative/ or vitamin d derivative/ or colecalciferol/ or colecalciferol derivative/ or colecalciferol/ or colecalciferol derivative/ or dihydroxycolecalciferol/ or cod liver oil/ or vitamin d/ or cholecalciferol/ or dihydroxycholecalciferols/ or 24,25-dihydroxyvitamin d 3/ or Cod Liver Oil/ or (cholecalciferol* or "vitamin d3" or "vitamin d" or "vitamin d 3" or dihydroxycholecalciferol* or (cod adj2 liver adj2 oil*) or "dihydroxyvitamin d 3" or "dihydroxyvitamin d3" or colecalciferol* or "hydroxyvitamin D" or arachitol or mulsin or tracetten or vicotrat or devaron or

duphafraal or dupharinterfran or irradiia or irradiian or "uedose vi-de 3" or vigantol or vigorsan).mp. or cod liver oil/ or (cholecalciferol* or "vitamin d3" or "vitamin d2" or "vitamin d" or calciol or "vitamin d 3" or "vitamin d 2" or calcidiol or "25-hydroxyvitamin d3" or calcifediol or calderol or dedrogyl or hydroxycholecalciferol* or "25 hydroxyvitamin*" or hidroferol or "hydroxyvitamins d" or dihydroxycholecalciferol* or calcitriol or "mc 1288" or "mc-1288" or mc1288 or calcijex or sitriol or silkis or osteotriol or soltriol or decostriol or renatriol or rocaltrol or calcitriolnefro or "calcitriol-nefro" or dihydroxyvitamin* or tirocal or bocatriol or ergocalciferol* or calciferol* or " 25 hydroxyergocalciferol*" or "25-hydroxyvitamin d 2" or "25-hydroxyergocalciferol*" or ercalcidiol or "25 hydroxyvitamin d2" or "25 hydroxyvitamin d 2" or "25-hydroxyvitamin d2" or "25 hydroxycalciferol" or "25-hydroxycalciferol").mp. or vitamin d/ or cholecalciferol/ or dihydroxycholecalciferols/ or 24,25-dihydroxyvitamin d 3/ or Cod Liver Oil/ or (cholecalciferol* or "vitamin d3" or "vitamin d" or "vitamin d 3" or dihydroxycholecalciferol* or (cod adj2 liver adj2 oil*) or "dihydroxyvitamin d 3" or "dihydroxyvitamin d3" or colecalciferol* or "hydroxyvitamin D").mp. or vitamin d deficiency/ or osteomalacia/ or rickets/ or hypophosphatemic rickets, x-linked dominant/ or renal osteodystrophy/

2 (cholecalciferol* or "vitamin d3" or "vitamin d2" or "vitamin d" or calciol or "vitamin d 3" or "vitamin d 2" or calcidiol or "25-hydroxyvitamin d3" or calcifediol or calderol or dedrogyl or hydroxycholecalciferol* or "25 hydroxyvitamin*" or hidroferol or "hydroxyvitamins d" or dihydroxycholecalciferol* or calcitriol or "mc 1288" or "mc-1288" or mc1288 or calcijex or sitriol or silkis or osteotriol or soltriol or decostriol or renatriol or rocaltrol or calcitriolnefro or "calcitriol-nefro" or dihydroxyvitamin* or tirocal or bocatriol or ergocalciferol* or calciferol* or " 25 hydroxyergocalciferol*" or "25-hydroxyvitamin d 2" or "25-hydroxyergocalciferol*" or ercalcidiol or "25 hydroxyvitamin d2" or "25 hydroxyvitamin d 2" or "25-hydroxyvitamin d2" or "25 hydroxycalciferol" or "25-hydroxycalciferol").mp.

3 cholecalciferol/ or hydroxycholecalciferols/ or calcifediol/ or dihydroxycholecalciferols/ or calcitriol/ or 24,25-dihydroxyvitamin d 3/ or ergocalciferols/ or dihydrotachysterol/ or 25-hydroxyvitamin d 2/ or vitamin d/ or cholecalciferol/ or dihydroxycholecalciferols/ or Cod Liver Oil/

4 1-3 [****Vitamin D Terms****]

5 respiratory tract infections/ or bronchitis/ or bronchiolitis/ or bronchiolitis, viral/ or common cold/ or influenza, human/ or laryngitis/ or pharyngitis/ or nasopharyngitis/ or pneumonia/ or bronchopneumonia/ or pleuropneumonia/ or pneumonia, bacterial/ or chlamydial pneumonia/ or pneumonia, mycoplasma/ or pneumonia, pneumococcal/ or pneumonia, rickettsial/ or pneumonia, staphylococcal/ or pneumonia, viral/ or rhinitis/ or severe acute respiratory syndrome/ or sinusitis/ or ethmoid sinusitis/ or frontal sinusitis/ or maxillary sinusitis/ or sphenoid sinusitis/ or supraglottitis/ or epiglottitis/ or tracheitis/ or exp Orthomyxoviridae/ or Viral Envelope Proteins/ or Adenoviridae/ or (coronavirus* or (corona adj2 virus*)).mp. or enterovirus/ or enterovirus a, human/ or exp enterovirus b, human/ or enterovirus c, human/ or enterovirus d, human/ or rhinovirus/ or Paramyxoviridae Infections/ or Adenoviridae/ or (parainfluenz* or adenovirus*).mp. or metapneumovirus/ or respiratory syncytial viruses/ or respiratory syncytial virus, human/ or ((Respiratory adj2 Syncytial adj2 Virus*) or rsv).mp. or respiratory tract diseases/ or bronchial diseases/ or respiratory distress syndrome, adult/ or respiratory tract infections/ or exp bronchitis/ or common cold/ or exp empyema, pleural/ or influenza, human/ or laryngitis/ or exp legionellosis/ or lung abscess/ or exp pharyngitis/ or exp pleurisy/ or exp pneumonia/ or rhinitis/ or severe

acute respiratory syndrome/ or exp sinusitis/ or exp supraglottitis/ or tracheitis/ or whooping cough/ or infection control/ or respiratory tract infections/ or bronchitis/ or bronchiolitis/ or bronchiolitis, viral/ or common cold/ or influenza, human/ or laryngitis/ or pharyngitis/ or nasopharyngitis/ or pneumonia/ or bronchopneumonia/ or pleuropneumonia/ or pneumonia, bacterial/ or chlamydial pneumonia/ or pneumonia, mycoplasma/ or pneumonia, pneumococcal/ or pneumonia, rickettsial/ or pneumonia, staphylococcal/ or pneumonia, viral/ or rhinitis/ or severe acute respiratory syndrome/ or sinusitis/ or ethmoid sinusitis/ or frontal sinusitis/ or maxillary sinusitis/ or sphenoid sinusitis/ or supraglottitis/ or epiglottitis/ or tracheitis/ or exp Orthomyxoviridae/ or Viral Envelope Proteins/ or Adenoviridae/ or (coronavirus* or (corona adj2 virus*)).mp. or enterovirus/ or enterovirus a, human/ or exp enterovirus b, human/ or enterovirus c, human/ or enterovirus d, human/ or rhinovirus/ or Paramyxoviridae Infections/ or Adenoviridae/ or (parainfluenz* or adenovirus*).mp. or metapneumovirus/ or respiratory syncytial viruses/ or respiratory syncytial virus, human/ or ((Respiratory adj2 Syncytial adj2 Virus*) or rsv).mp. or respiratory tract infection/ or influenza/ or exp influenza a/ or influenza b/ or influenza c/ or pandemic influenza/ or seasonal influenza/ or lung infection/ or lower respiratory tract infection/ or exp infectious pneumonia/ or viral bronchiolitis/ or parainfluenza virus infection/ or respiratory syncytial virus infection/ or upper respiratory tract infection/ or viral upper respiratory tract infection/ or viral respiratory tract infection/ or rhinitis/ or common cold/ or rhinopharyngitis/ or exp rhinosinusitis/ or pneumonia/ or acute chest syndrome/ or bronchopneumonia/ or exp infectious pneumonia/ or sinusitis/ or acute sinusitis/ or viral sinusitis/ or respiratory tract inflammation/ or exp epiglottitis/ or exp laryngitis/ or exp pharyngitis/ or supraglottitis/ or exp tracheitis/ or orthomyxovirus/ or exp Orthomyxoviridae/ or adenovirus/ or adenovirus 12/ or adenovirus 2/ or adenovirus 5/ or adenovirus 7/ or enterovirus/ or enterovirus infection/ or human rhinovirus/ or paramyxovirus infection/ or exp Paramyxoviridae Infections/ or exp Pneumovirus Infections/ or (coronavirus* or (corona adj2 virus*)).mp. or (parainfluenz* or adenovirus*).mp. or ((Respiratory adj2 Syncytial adj2 Virus*) or rsv).mp. or respiratory tract infection/ or infection/ or respiratory tract disease/ or exp Influenza, Human/ or laryngotracheobronchitis/ or respiratory tract infection/ or infection/ or respiratory tract disease/ or exp Influenza, Human/ or laryngotracheobronchitis/ or parainfluenza virus infection/ or respiratory syncytial virus infection/ or rhinitis/ or respiratory tract inflammation/ or common cold/ or rhinopharyngitis/ or exp rhinosinusitis/ or pneumonia/ or bronchopneumonia/ or exp infectious pneumonia/ or upper respiratory tract congestion/ or upper respiratory tract infection/ or exp nose infection/ [****Respiratory Tract infections****]

6 4 and 5 [****FINAL RESULTS****]

AMED (Allied and Complementary Medicine) <1985 to July 2013>

Search Strategy:

1 vitamin d/ or cholecalciferols/ or calcitriol/ or ("vitamin d deficienc*" or osteomalacia* or rickets or (renal adj2 osteodystroph*).mp. or (cholecalciferol* or "vitamin d3" or "vitamin d2" or "vitamin d" or calciol or "vitamin d 3" or "vitamin d 2" or calcidol or "25-hydroxyvitamin d3" or calcifediol or calderol or dedrogl or hydroxycholecalciferol* or "25 hydroxyvitamin*" or hidroferol or "hydroxyvitamins d" or dihydroxycholecalciferol* or calcitriol or "mc 1288" or "mc-1288" or mc1288 or calcijex or sitriol or

silkis or osteotriol or soltriol or decostril or renatriol or rocaltrol or calcitriolnefro or "calcitriol-nefro" or dihydroxyvitamin* or tirocal or bocatriol or ergocalciferol* or calciferol* or "25 hydroxyergocalciferol*" or "25-hydroxyvitamin d 2" or "25-hydroxyergocalciferol*" or ercalcidiol or "25 hydroxyvitamin d2" or "25 hydroxyvitamin d 2" or "25-hydroxyvitamin d2" or "25 hydroxycalciferol" or "25-hydroxycalciferol").mp. or (cholecalciferol* or "vitamin d3" or "vitamin d" or "vitamin d 3" or dihydroxycholecalciferol* or (cod adj2 liver adj2 oil*) or "dihydroxyvitamin d 3" or "dihydroxyvitamin d3" or colecalciferol* or "hydroxyvitamin D").mp. [****Vitamin D Terms****]

2 respiratory tract disease/ or bronchial disease/ or rhinitis/ or respiratory tract infections/ or bronchitis/ or common cold/ or influenza/ or pharyngitis/ or pneumonia/ or severe acute respiratory syndrome/ or sinusitis/ or tonsillitis/ or whooping cough/ or (sinusitis or supraglottitis or epiglottitis or tracheitis).mp. or (laryngitis or pharyngitis or nasopharyngitis).mp. or bronchiolitis.mp. or Orthomyxovirida*.mp. or (Orthomyxovirida* or Adenovirida*).mp. or virus disease/ or rna virus infections/ or influenza/ or paramyxovirus infections/ or severe acute respiratory syndrome/ or sars/ or picornavirus infections/ or common cold/ or viruses/ or sars virus/ or (coronavirus* or (corona adj2 virus*) or enterovirus).mp. or Paramyxovirida*.mp. or (parainfluenz* or adenovirus*).mp. or ((Respiratory adj2 Syncytial adj2 Virus*) or rsv).mp. ((adult adj2 respiratory adj2 distress adj2 syndrome) or ards).mp. or empyema*.mp. or (legionellosis or legionnaire*).mp. or abscess/ or pleural disease/ or pleural effusion/ or pleurisy.mp. or (prevention/ and cross infection/) or (infect* adj2 control*).mp. or flu or flus or influenz*).mp. [****Respiratory Tract Infections****]

3 1 and 2 [****FINAL RESULTS****]

LILACS July 18, 2013

Search Strategy:

1 "VITAMIN D" or "VITAMIN D 2" or "VITAMIN D 2/" or "VITAMIN D 3" or "VITAMIN D 3/" or "VITAMIN D DEFICIENCY" or "VITAMIN D DEFICIENCY/" or "VITAMIN D/" or "RICKETS" or "RICKETS, HYPOPHOSPHATEMIC" or "RICKETS, HYPOPHOSPHATEMIC/" or "RICKETS, RENAL" or "RICKETS, RENAL/" or "RICKETS, VITAMIN D-RESISTANT" or "RICKETS, VITAMIN D-RESISTANT/" or "RICKETS, X-LINKED HYPOPHOSPHATEMIC" or "RICKETS, X-LINKED HYPOPHOSPHATEMIC/" or "RICKETS/" or "RICKETS/OSTEOMALACIA" or "RICKETT'S" or "OSTEOMALACIA" or "OSTEOMALACIA/" or "OSTEOMALACIC" [****Vitamin D Terms****]

2 "RESPIRATORY TRACT DISEASES" or "RESPIRATORY TRACT DISEASES/" or "RESPIRATORY TRACT INFECTIONS" or "RESPIRATORY TRACT INFECTIONS/" or "INFLUENZA" or "INFLUENZA A AVIAR" or "INFLUENZA A AVIAR/" or "INFLUENZA A AVIARIA" or "INFLUENZA A AVIARIA/" or "INFLUENZA A VIRUS" or "INFLUENZA A VIRUS, H1N1 SUBTYPE" or "INFLUENZA A VIRUS, H1N1 SUBTYPE/" or "INFLUENZA A VIRUS, H3N2 SUBTYPE" or "INFLUENZA A VIRUS, H3N2 SUBTYPE/" or "INFLUENZA A VIRUS, H3N8

SUBTYPE" or "INFLUENZA A VIRUS, H5N1 SUBTYPE" or "INFLUENZA A VIRUS, H5N1 SUBTYPE/" or "INFLUENZA A VIRUS/" or "INFLUENZA AVIAR" or "INFLUENZA AVIAR/" or "INFLUENZA AVIARIA" or "INFLUENZA AVIARIA/" or "INFLUENZA B VIRUS" or "INFLUENZA B VIRUS/" or "INFLUENZA C VIRUS" or "INFLUENZA C VIRUS/" or "INFLUENZA D VIRUS" or "INFLUENZA D VIRUS/" or "INFLUENZA EN HUMANOS" or "INFLUENZA EN HUMANOS/" or "INFLUENZA HUMANA" or "INFLUENZA HUMANA/" or "INFLUENZA IN HUMANS" or "INFLUENZA IN HUMANS/" or "INFLUENZA VIRUSES" or "INFLUENZA VIRUSES TYPE A" or "INFLUENZA VIRUSES TYPE A/" or "INFLUENZA VIRUSES TYPE B" or "INFLUENZA VIRUSES TYPE B/" or "INFLUENZA VIRUSES TYPE C" or "INFLUENZA VIRUSES TYPE C/" or "INFLUENZA VIRUSES TYPE D" or "INFLUENZA VIRUSES TYPE D/" or "INFLUENZA VIRUSES/" or "INFLUENZA, AVIAN" or "INFLUENZA, AVIAN/" or "INFLUENZA, HUMAN" or "INFLUENZA, HUMAN/" or "INFLUENZA-" or "INFLUENZA-A" or "INFLUENZA-ASSOCIATED" or "INFLUENZA-LIKE" or "INFLUENZA-LIKE-ILLNESS" or "INFLUENZA-LIKEILLNESS" or "INFLUENZA-RELATED" or "INFLUENZA/" or "INFLUENZA3" or "INFLUENZAA" or "INFLUENZAA-H1N1" or "INFLUENZAAE" or "INFLUENZAAH1N1" or "INFLUENZAE" or "INFLUENZAE-A" or "INFLUENZAE." or "INFLUENZAE.." or "INFLUENZAE/" or "BRONCHITIS" or "BRONCHITIS-PULMONARY" or "BRONCHITIS/" or "BRONCHITS" or "PARAINFLUENZA" or "PARAINFLUENZA VIRUS 1, HUMAN" or "PARAINFLUENZA VIRUS 1, HUMAN/" or "PARAINFLUENZA VIRUS 2, HUMAN" or "PARAINFLUENZA VIRUS 2, HUMAN/" or "PARAINFLUENZA VIRUS 3, HUMAN" or "PARAINFLUENZA VIRUS 3, HUMAN/" or "PARAINFLUENZA VIRUS INFECTIONS" or "PARAINFLUENZA VIRUS INFECTIONS/" or "PARAINFLUENZA-2" or "PARAINFLUENZA-3" or "PARAINFLUENZA/" or "PARAINFLUENZA3" or "PARAINFLUENZAE" or "PARAINFLUENZAVIRUS" or "PARAINFUENZA" or "RESPIRATORY SYNCYTIAL VIRUS INFECTIONS" or "RESPIRATORY SYNCYTIAL VIRUS INFECTIONS/" or "RESPIRATORY SYNCYTIAL VIRUS, HUMAN" or "RESPIRATORY SYNCYTIAL VIRUS, HUMAN/" or "RESPIRATORY SYNCYTIAL VIRUSES" or "RESPIRATORY SYNCYTIAL VIRUSES/" or "RESPIRATORY SYNDROME, SEVERE ACUTE" or "RESPIRATORY SYNDROME, SEVERE ACUTE/" or "COMMON COLD" or "COMMON COLD VIRUS" or "COMMON COLD VIRUS/" or "COMMON COLD/" or "RHINOPHARYNGITIS" or "RHINOSINUSITIS" or "RHINOSINUSUAL" or "SINUSITIS" or "SINUSITIS DEL ESFENOIDES" or "SINUSITIS DEL ESFENOIDES/" or "SINUSITIS DEL ETMOIDES" or "SINUSITIS DEL ETMOIDES/" or "SINUSITIS FRONTAL" or "SINUSITIS FRONTAL/" or "SINUSITIS MAXILAR" or "SINUSITIS MAXILAR/" or "SINUSITIS, ETHMOID" or "SINUSITIS, ETHMOID/" or "SINUSITIS, FRONTAL" or "SINUSITIS, FRONTAL/" or "SINUSITIS, MAXILLARY" or "SINUSITIS, MAXILLARY/" or "SINUSITIS, SPHENOID" or "SINUSITIS, SPHENOID/" or "SINUSITIS/" or "SINUSITISPART" or "SINUSITITIS" or "SINUSITITS" or "PNEUMONIA" or "PNEUMONIA ASIATICA" or "PNEUMONIA ASIATICA/" or "BRONCHOPNEUMONIA" or "BRONCHOPNEUMONIA-FIRST" or "BRONCHOPNEUMONIA/" or "BRONCHOPNEUMONIA/PNEUMONIA" or "BRONCHOPNEUMONIAS" or "BRONCHOPNEUMONIC" or "BRONCHOPNEUMONITIS" or "BRONCHOPNEUMOPATHIES" or "ORTHOMYXOVIRIDAE" or "ORTHOMYXOVIRIDAE INFECTIONS" or "ORTHOMYXOVIRIDAE INFECTIONS/" or "ORTHOMYXOVIRIDAE/" or "ORTHOMYXOVIRUS" or "ORTHOMYXOVIRUS INFECTIONS" or "ORTHOMYXOVIRUS INFECTIONS/" or "ORTHOMYXOVIRUS PORCINO TIPO A" or "ORTHOMYXOVIRUS PORCINO TIPO A/" or

"ORTHOMYXOVIRUS SUINO TIPO A" or "ORTHOMYXOVIRUS SUINO TIPO A/" or
"ORTHOMYXOVIRUS TIPO A" or "ORTHOMYXOVIRUS TIPO A AVIAR" or
"ORTHOMYXOVIRUS TIPO A AVIAR/" or "ORTHOMYXOVIRUS TIPO A AVIARIO" or
"ORTHOMYXOVIRUS TIPO A AVIARIO/" or "ORTHOMYXOVIRUS TIPO A HUMANO" or
"ORTHOMYXOVIRUS TIPO A HUMANO/" or "ORTHOMYXOVIRUS TIPO A SUINO" or
"ORTHOMYXOVIRUS TIPO A SUINO/" or "ORTHOMYXOVIRUS TIPO A/" or
"ORTHOMYXOVIRUS TIPO B" or "ORTHOMYXOVIRUS TIPO B/" or "ORTHOMYXOVIRUS
TIPO C" or "ORTHOMYXOVIRUS TIPO C/" or "ORTHOMYXOVIRUS TIPO D" or
"ORTHOMYXOVIRUS TIPO D/" or "ORTHOMYXOVIRUS TYPE A" or "ORTHOMYXOVIRUS
TYPE A, AVIAN" or "ORTHOMYXOVIRUS TYPE A, AVIAN/" or "ORTHOMYXOVIRUS TYPE A,
HUMAN" or "ORTHOMYXOVIRUS TYPE A, HUMAN/" or "ORTHOMYXOVIRUS TYPE A,
PORCINE" or "ORTHOMYXOVIRUS TYPE A, PORCINE/" or "ORTHOMYXOVIRUS TYPE A,
PORCINE/" or "ORTHOMYXOVIRUS TYPE A/" or "ORTHOMYXOVIRUS/" or
"ORTHOMYXOVIRUSES" or "ORTHOMYXOVIRUSES TYPE B" or "ORTHOMYXOVIRUSES
TYPE B/" or "ORTHOMYXOVIRUSES TYPE C" or "ORTHOMYXOVIRUSES TYPE C/IM" or
"ORTHOMYXOVIRUSES TYPE D" or "ORTHOMYXOVIRUSES TYPE D/" or
"ORTHOMYXUVIRUS" or "ORTHOMYXUVIRUS TIPO A" or "ORTHOMYXUVIRUS TIPO A/" or
"ADENOVIRIDAE" or "ADENOVIRIDAE INFECTIONS" or "ADENOVIRIDAE INFECTIONS/" or
"ADENOVIRIDAE/" or "ADENOVIROSE" or "ADENOVIROSES" or "ADENOVIROSIS" or
"ADENOVIROUS" or "ADENOVIRUS" or "ADENOVIRUS AVIAR" or "ADENOVIRUS AVIAR/" or
"ADENOVIRUS CANINO" or "ADENOVIRUS CANINO/" or "ADENOVIRUS HUMANO" or
"ADENOVIRUS HUMANO/" or "ADENOVIRUS HUMANOS" or "ADENOVIRUS HUMANOS/" or
"ADENOVIRUS INFECTIONS" or "ADENOVIRUS INFECTIONS, HUMAN" or "ADENOVIRUS
INFECTIONS, HUMAN/" or "ADENOVIRUS INFECTIONS/" or "ADENOVIRUS-VIII" or
"ADENOVIRUS-2" or "ADENOVIRUS-A2" or "ADENOVIRUS-ADV" or "ADENOVIRUS-
INDUCED" or "ADENOVIRUS-MEDIATED" or "ADENOVIRUS/" or "ADENOVIRUS1" or
"ADENOVIRUS11" or "ADENOVIRUSES" or "ADENOVIRUSES, AVIAN" or "ADENOVIRUSES,
AVIAN/" or "ADENOVIRUSES, CANINE/" or "ADENOVIRUSES, HUMAN" or "ADENOVIRUSES,
HUMAN/" or "ADENOVIRUSES/" or "ADENOVIRUSQUE" or "ADENOVIRUSVIRUS" or
"ADENOVIUS" or "ADENOVURUSES" or "CORONAVIRUS" or "CORONAVIRUS 229E
HUMANO" or "CORONAVIRUS 229E HUMANO/" or "CORONAVIRUS 229E, HUMAN" or
"CORONAVIRUS 229E, HUMAN/" or "CORONAVIRUS ASOCIADO A SARS" or "CORONAVIRUS
ASOCIADO A SARS/" or "CORONAVIRUS DEL CONEJO" or "CORONAVIRUS DEL CONEJO/" or
"CORONAVIRUS DEL PAVO" or "CORONAVIRUS DO COELHO" or "CORONAVIRUS DO
COELHO/" or "CORONAVIRUS DO PERU" or "CORONAVIRUS FELINO" or "CORONAVIRUS
FELINO ENTERICO" or "CORONAVIRUS HUMANO 229E" or "CORONAVIRUS HUMANO 229E/"
or "CORONAVIRUS INFECTIONS" or "CORONAVIRUS INFECTIONS/" or "CORONAVIRUS/" or
"CORONAVIRUS3" or "CORONAVIRUSES" or "ENTEROVIRUS" or "ENTEROVIRUS 71
HUMANO" or "ENTEROVIRUS 71, HUMAN" or "ENTEROVIRUS A HUMANO" or
"ENTEROVIRUS A, HUMAN" or "ENTEROVIRUS B HUMANO" or "ENTEROVIRUS B, HUMAN"
or "ENTEROVIRUS B, HUMAN/" or "ENTEROVIRUS HUMANO 71" or "ENTEROVIRUS
HUMANO A" or "ENTEROVIRUS HUMANO B" or "ENTEROVIRUS HUMANO B/" or
"ENTEROVIRUS HUMANO TIPO 71" or "ENTEROVIRUS HUMANO TIPO 71/IM" or
"ENTEROVIRUS INFECTIONS" or "ENTEROVIRUS INFECTIONS/" or "ENTEROVIRUS-70" or

"ENTEROVIRUS/" or "RHINOVIRUS" or "RHINOVIRUS/" or "RHINOVIRUSES" or "RHINTTIS" or "RHINUS" or "RHINUSINUSITIS" or "PARAMYXOVIRIDAE" or "PARAMYXOVIRIDAE INFECTIONS" or "PARAMYXOVIRIDAE INFECTIONS/" or "PARAMYXOVIRIDAE/" or "PARAMYXOVIRINAE" or "PARAMYXOVIRUS" or "PARAMYXOVIRUSES" or "PARAMYXOVIRIDAE" or "BRONCHIAL DISEASES" or "BRONCHIAL DISEASES/" or "ADULT RESPIRATORY DISTRESS SYNDROME" or "ADULT RESPIRATORY DISTRESS SYNDROME/" or ards or "BRONCHOPNEUMONIA" or "BRONCHOPNEUMONIA-FIRST" or "BRONCHOPNEUMONIA/" or "BRONCHOPNEUMONIAS" or "BRONCHOPNEUMONIC" or "BRONCHOPNEUMONITIS" [****Respiratory Tract Infections****]

3 1 and 2 [****FINAL RESULTS****]