**CLRD exacerbations via source codes**

Cohort Entry Events

People enter the cohort when observing any of the following:

condition occurrences of any condition (including 'Source codes for chronic lower respiratory disease' source concepts), a condition type that is: "outpatient detail - 1st position"; a visit occurrence that is: "emergency room - hospital", "emergency room visit", "emergency room and inpatient visit" or "emergency room critical care facility".

condition occurrences of any condition (including 'Source codes for chronic lower respiratory disease' source concepts), a condition type that is: "inpatient header - primary".

condition occurrences of any condition (including 'Source codes for respiratory disease' source concepts), a condition type that is: "inpatient header - primary"; having at least 1 condition occurrence of any condition (including 'Source codes for chronic lower respiratory disease' source concepts), starting between 0 days before and 0 days after any condition start date; a condition type that is: "inpatient header - 1st position", "inpatient header - 2nd position", "inpatient header - 3rd position", "inpatient header - 4th position", "inpatient header - 5th position", "inpatient header - 6th position", "inpatient header - 7th position", "inpatient header - 8th position", "inpatient header - 9th position", "inpatient header - 10th position", "inpatient header - 11th position", "inpatient header - 12th position", "inpatient header - 13th position", "inpatient header - 14th position" or "inpatient header - 15th position".

drug exposures of 'systematic corticosteroids', a drug type that is: "prescription dispensed in pharmacy" or "prescription dispensed through mail order"; with days supply <= 14 days; having at least 1 condition occurrence of any condition (including 'Source codes for chronic lower respiratory disease' source concepts), starting in the 7 days prior to 'systematic corticosteroids' start date; a condition type that is: "outpatient detail - 1st position", "outpatient detail - 2nd position", "outpatient detail - 3rd position", "outpatient detail - 4th position", "inpatient header - primary", "inpatient header - 1st position", "inpatient header - 2nd position", "inpatient header - 3rd position", "inpatient header - 4th position", "inpatient header - 5th position", "inpatient header - 6th position", "inpatient header - 7th position", "inpatient header - 8th position", "inpatient header - 9th position", "inpatient header - 10th position", "inpatient header - 11th position", "inpatient header - 12th position", "inpatient header - 13th position", "inpatient header - 14th position" or "inpatient header - 15th position".

Cohort Exit

The cohort end date will be offset from index event's start date plus 0 days.

Cohort Eras

Remaining events will be combined into cohort eras if they are within 14 days of each other.

Appendix 1: Concept Set Definitions

Source codes for chronic lower respiratory disease

Concept Id Concept Name Domain Vocabulary Excluded Descendants Mapped

44826679 Asthma, unspecified Condition ICD9CM NO NO NO

44821988 Asthma, unspecified type, unspecified Condition ICD9CM NO NO NO

44823144 Asthma, unspecified type, with (acute) exacerbation Condition ICD9CM NO NO NO

44832424 Asthma, unspecified type, with status asthmaticus Condition ICD9CM NO NO NO

1569492 Bronchiectasis Condition ICD10CM NO NO NO

44827823 Bronchiectasis Condition ICD9CM NO NO NO

45562459 Bronchiectasis, uncomplicated Condition ICD10CM NO NO NO

45572172 Bronchiectasis with (acute) exacerbation Condition ICD10CM NO NO NO

44826680 Bronchiectasis with acute exacerbation Condition ICD9CM NO NO NO

45562458 Bronchiectasis with acute lower respiratory infection Condition ICD10CM NO NO NO

44834770 Bronchiectasis without acute exacerbation Condition ICD9CM NO NO NO

44820887 Bronchitis, not specified as acute or chronic Condition ICD9CM NO NO NO

35208013 Bronchitis, not specified as acute or chronic Condition ICD10CM NO NO NO

35208020 Centrilobular emphysema Condition ICD10CM NO NO NO

44829013 Chronic airway obstruction, not elsewhere classified Condition ICD9CM NO NO NO

44820888 Chronic bronchitis Condition ICD9CM NO NO NO

44829012 Chronic obstructive asthma Condition ICD9CM NO NO NO

44831280 Chronic obstructive asthma, unspecified Condition ICD9CM NO NO NO

44837136 Chronic obstructive asthma with (acute) exacerbation Condition ICD9CM NO NO NO

44820889 Chronic obstructive asthma with status asthmaticus Condition ICD9CM NO NO NO

35208025 Chronic obstructive pulmonary disease, unspecified Condition ICD10CM NO NO NO

35208024 Chronic obstructive pulmonary disease with (acute) exacerbation Condition ICD10CM NO NO NO

35208023 Chronic obstructive pulmonary disease with (acute) lower respiratory infection Condition ICD10CM NO NO NO

44826681 Chronic respiratory conditions due to fumes and vapors Condition ICD9CM NO NO NO

44833611 Cough variant asthma Condition ICD9CM NO NO NO

45586675 Cough variant asthma Condition ICD10CM NO NO NO

1569486 Emphysema Condition ICD10CM NO NO NO

44829011 Emphysema Condition ICD9CM NO NO NO

44827822 Emphysematous bleb Condition ICD9CM NO NO NO

35208022 Emphysema, unspecified Condition ICD10CM NO NO NO

45586674 Exercise induced bronchospasm Condition ICD10CM NO NO NO

44826678 Exercise induced bronchospasm Condition ICD9CM NO NO NO

44832423 Extrinsic asthma Condition ICD9CM NO NO NO

44824287 Extrinsic asthma, unspecified Condition ICD9CM NO NO NO

44831278 Extrinsic asthma with (acute) exacerbation Condition ICD9CM NO NO NO

44824288 Extrinsic asthma with status asthmaticus Condition ICD9CM NO NO NO

44831279 Intrinsic asthma Condition ICD9CM NO NO NO

44824289 Intrinsic asthma, unspecified Condition ICD9CM NO NO NO

44837135 Intrinsic asthma with (acute) exacerbation Condition ICD9CM NO NO NO

44834769 Intrinsic asthma with status asthmaticus Condition ICD9CM NO NO NO

45572168 Mild intermittent asthma Condition ICD10CM NO NO NO

45548116 Mild intermittent asthma, uncomplicated Condition ICD10CM NO NO NO

45572169 Mild intermittent asthma with (acute) exacerbation Condition ICD10CM NO NO NO

45572170 Mild intermittent asthma with status asthmaticus Condition ICD10CM NO NO NO

45581859 Mild persistent asthma Condition ICD10CM NO NO NO

45576951 Mild persistent asthma, uncomplicated Condition ICD10CM NO NO NO

45548117 Mild persistent asthma with (acute) exacerbation Condition ICD10CM NO NO NO

45576952 Mild persistent asthma with status asthmaticus Condition ICD10CM NO NO NO

35208016 Mixed simple and mucopurulent chronic bronchitis Condition ICD10CM NO NO NO

45591558 Moderate persistent asthma Condition ICD10CM NO NO NO

45601133 Moderate persistent asthma, uncomplicated Condition ICD10CM NO NO NO

45543269 Moderate persistent asthma with (acute) exacerbation Condition ICD10CM NO NO NO

45557626 Moderate persistent asthma with status asthmaticus Condition ICD10CM NO NO NO

35208015 Mucopurulent chronic bronchitis Condition ICD10CM NO NO NO

44837134 Mucopurulent chronic bronchitis Condition ICD9CM NO NO NO

44829010 Obstructive chronic bronchitis Condition ICD9CM NO NO NO

44825474 Obstructive chronic bronchitis with acute bronchitis Condition ICD9CM NO NO NO

44821986 Obstructive chronic bronchitis with (acute) exacerbation Condition ICD9CM NO NO NO

44832422 Obstructive chronic bronchitis without exacerbation Condition ICD9CM NO NO NO

1569489 Other and unspecified asthma Condition ICD10CM NO NO NO

45572171 Other asthma Condition ICD10CM NO NO NO

1569491 Other asthma Condition ICD10CM NO NO NO

44835980 Other chronic bronchitis Condition ICD9CM NO NO NO

1569487 Other chronic obstructive pulmonary disease Condition ICD10CM NO NO NO

44826677 Other emphysema Condition ICD9CM NO NO NO

35208021 Other emphysema Condition ICD10CM NO NO NO

44830115 Other forms of asthma Condition ICD9CM NO NO NO

35208019 Panlobular emphysema Condition ICD10CM NO NO NO

45591559 Severe persistent asthma Condition ICD10CM NO NO NO

45567265 Severe persistent asthma, uncomplicated Condition ICD10CM NO NO NO

45567266 Severe persistent asthma with (acute) exacerbation Condition ICD10CM NO NO NO

45581860 Severe persistent asthma with status asthmaticus Condition ICD10CM NO NO NO

1569485 Simple and mucopurulent chronic bronchitis Condition ICD10CM NO NO NO

35208014 Simple chronic bronchitis Condition ICD10CM NO NO NO

44832421 Simple chronic bronchitis Condition ICD9CM NO NO NO

35208018 Unilateral pulmonary emphysema [MacLeod's syndrome] Observation ICD10CM NO NO NO

1569490 Unspecified asthma Condition ICD10CM NO NO NO

45562457 Unspecified asthma, uncomplicated Condition ICD10CM NO NO NO

45601134 Unspecified asthma with (acute) exacerbation Condition ICD10CM NO NO NO

45543270 Unspecified asthma with status asthmaticus Condition ICD10CM NO NO NO

44830114 Unspecified chronic bronchitis Condition ICD9CM NO NO NO

35208017 Unspecified chronic bronchitis Condition ICD10CM NO NO NO

Source codes for respiratory disease

Concept Id Concept Name Domain Vocabulary Excluded Descendants Mapped

44829022 Acute and chronic respiratory failure Condition ICD9CM NO NO NO

35208101 Acute and chronic respiratory failure Condition ICD10CM NO NO NO

45596290 Acute and chronic respiratory failure, unspecified whether with hypoxia or hypercapnia Condition ICD10CM NO NO NO

45581868 Acute and chronic respiratory failure with hypercapnia Condition ICD10CM NO NO NO

45543283 Acute and chronic respiratory failure with hypoxia Condition ICD10CM NO NO NO

44834776 Acute respiratory failure Condition ICD9CM NO NO NO

35208099 Acute respiratory failure Condition ICD10CM NO NO NO

45605906 Acute respiratory failure, unspecified whether with hypoxia or hypercapnia Condition ICD10CM NO NO NO

45596289 Acute respiratory failure with hypercapnia Condition ICD10CM NO NO NO

45567283 Acute respiratory failure with hypoxia Condition ICD10CM NO NO NO

35207932 Adenoviral pneumonia Condition ICD10CM NO NO NO

1569466 Bacterial pneumonia, not elsewhere classified Condition ICD10CM NO NO NO

44821984 Bacterial pneumonia, unspecified Condition ICD9CM NO NO NO

44821985 Bronchopneumonia, organism unspecified Condition ICD9CM NO NO NO

35207952 Bronchopneumonia, unspecified organism Condition ICD10CM NO NO NO

35207949 Chlamydial pneumonia Condition ICD10CM NO NO NO

35208100 Chronic respiratory failure Condition ICD10CM NO NO NO

44829021 Chronic respiratory failure Condition ICD9CM NO NO NO

45548131 Chronic respiratory failure, unspecified whether with hypoxia or hypercapnia Condition ICD10CM NO NO NO

45572177 Chronic respiratory failure with hypercapnia Condition ICD10CM NO NO NO

45538489 Chronic respiratory failure with hypoxia Condition ICD10CM NO NO NO

35207935 Human metapneumovirus pneumonia Condition ICD10CM NO NO NO

35207954 Hypostatic pneumonia, unspecified organism Condition ICD10CM NO NO NO

44824284 Influenza Condition ICD9CM NO NO NO

44826675 Influenza due to certain identified influenza viruses Condition ICD9CM NO NO NO

44827820 Influenza due to identified 2009 H1N1 influenza virus Condition ICD9CM NO NO NO

44824285 Influenza due to identified 2009 H1N1 influenza virus with other manifestations Condition ICD9CM NO NO NO

44826676 Influenza due to identified 2009 H1N1 influenza virus with other respiratory manifestations Condition ICD9CM NO NO NO

44827821 Influenza due to identified 2009 H1N1 influenza virus with pneumonia Condition ICD9CM NO NO NO

44832420 Influenza due to identified avian influenza virus Condition ICD9CM NO NO NO

44837133 Influenza due to identified avian influenza virus with other manifestations Condition ICD9CM NO NO NO

44825472 Influenza due to identified avian influenza virus with other respiratory manifestations Condition ICD9CM NO NO NO

44819746 Influenza due to identified avian influenza virus with pneumonia Condition ICD9CM NO NO NO

44830113 Influenza due to identified novel influenza A virus with other manifestations Condition ICD9CM NO NO NO

44825473 Influenza due to identified novel influenza A virus with other respiratory manifestations Condition ICD9CM NO NO NO

44824286 Influenza due to identified novel influenza A virus with pneumonia Condition ICD9CM NO NO NO

45890944 Influenza due to novel influenza A Condition ICD9CM NO NO NO

45572160 Influenza due to unidentified influenza virus with gastrointestinal manifestations Condition ICD10CM NO NO NO

45581845 Influenza due to unidentified influenza virus with other manifestations Condition ICD10CM NO NO NO

8689 Influenza due to unidentified influenza virus with other respiratory manifestations Condition ICD10CM NO NO NO

45538475 Influenza due to unidentified influenza virus with otitis media Condition ICD10CM NO NO NO

45586661 Influenza due to unidentified influenza virus with unspecified type of pneumonia Condition ICD10CM NO NO NO

44832419 Influenza with other manifestations Condition ICD9CM NO NO NO

44825471 Influenza with other respiratory manifestations Condition ICD9CM NO NO NO

44830112 Influenza with pneumonia Condition ICD9CM NO NO NO

35207953 Lobar pneumonia, unspecified organism Condition ICD10CM NO NO NO

44835978 Methicillin resistant pneumonia due to Staphylococcus aureus Condition ICD9CM NO NO NO

44823143 Methicillin susceptible pneumonia due to Staphylococcus aureus Condition ICD9CM NO NO NO

44820885 Other bacterial pneumonia Condition ICD9CM NO NO NO

44819751 Other diseases of lung Condition ICD9CM NO NO NO

44819752 Other diseases of lung, not elsewhere classified Condition ICD9CM NO NO NO

35207955 Other pneumonia, unspecified organism Condition ICD10CM NO NO NO

44820899 Other pulmonary insufficiency, not elsewhere classified Condition ICD9CM NO NO NO

44830894 Other specified pulmonary tuberculosis Condition ICD9CM NO NO NO

44836741 Other specified pulmonary tuberculosis, bacteriological or histological examination not done Condition ICD9CM NO NO NO

44836742 Other specified pulmonary tuberculosis, bacteriological or histological examination unknown (at present) Condition ICD9CM NO NO NO

44821641 Other specified pulmonary tuberculosis, tubercle bacilli found (in sputum) by microscopy Condition ICD9CM NO NO NO

44820525 Other specified pulmonary tuberculosis, tubercle bacilli not found by bacteriological examination, but tuberculosis confirmed histologically Condition ICD9CM NO NO NO

44821642 Other specified pulmonary tuberculosis, tubercle bacilli not found by bacteriological or histological examination, but tuberculosis confirmed by other methods [inoculation of animals] Condition ICD9CM NO NO NO

44833188 Other specified pulmonary tuberculosis, tubercle bacilli not found (in sputum) by microscopy, but found by bacterial culture Condition ICD9CM NO NO NO

44834396 Other specified pulmonary tuberculosis, unspecified Condition ICD9CM NO NO NO

44825468 Other Staphylococcus pneumonia Condition ICD9CM NO NO NO

45572161 Other viral pneumonia Condition ICD10CM NO NO NO

35207936 Other viral pneumonia Condition ICD10CM NO NO NO

35207934 Parainfluenza virus pneumonia Condition ICD10CM NO NO NO

44825467 Pneumococcal pneumonia [Streptococcus pneumoniae pneumonia] Condition ICD9CM NO NO NO

44825466 Pneumonia due to adenovirus Condition ICD9CM NO NO NO

44832418 Pneumonia due to anaerobes Condition ICD9CM NO NO NO

44833609 Pneumonia due to chlamydia Condition ICD9CM NO NO NO

35207944 Pneumonia due to Escherichia coli Condition ICD10CM NO NO NO

44825469 Pneumonia due to escherichia coli [E. coli] Condition ICD9CM NO NO NO

35207939 Pneumonia due to Hemophilus influenzae Condition ICD10CM NO NO NO

44827819 Pneumonia due to Hemophilus influenzae [H. influenzae] Condition ICD9CM NO NO NO

44824281 Pneumonia due to Klebsiella pneumoniae Condition ICD9CM NO NO NO

35207940 Pneumonia due to Klebsiella pneumoniae Condition ICD10CM NO NO NO

44819744 Pneumonia due to Legionnaires' disease Condition ICD9CM NO NO NO

45557620 Pneumonia due to Methicillin resistant Staphylococcus aureus Condition ICD10CM NO NO NO

45533545 Pneumonia due to Methicillin susceptible Staphylococcus aureus Condition ICD10CM NO NO NO

44833608 Pneumonia due to mycoplasma pneumoniae Condition ICD9CM NO NO NO

35207946 Pneumonia due to Mycoplasma pneumoniae Condition ICD10CM NO NO NO

44835979 Pneumonia due to other gram-negative bacteria Condition ICD9CM NO NO NO

35207945 Pneumonia due to other Gram-negative bacteria Condition ICD10CM NO NO NO

1569468 Pneumonia due to other infectious organisms, not elsewhere classified Condition ICD10CM NO NO NO

44837132 Pneumonia due to other specified bacteria Condition ICD9CM NO NO NO

35207947 Pneumonia due to other specified bacteria Condition ICD10CM NO NO NO

44834767 Pneumonia due to other specified bacteria Condition ICD9CM NO NO NO

35207950 Pneumonia due to other specified infectious organisms Condition ICD10CM NO NO NO

44829007 Pneumonia due to other specified organism Condition ICD9CM NO NO NO

44819745 Pneumonia due to other specified organism Condition ICD9CM NO NO NO

45591550 Pneumonia due to other staphylococcus Condition ICD10CM NO NO NO

35207943 Pneumonia due to other streptococci Condition ICD10CM NO NO NO

44833607 Pneumonia due to other Streptococcus Condition ICD9CM NO NO NO

44829005 Pneumonia due to other virus not elsewhere classified Condition ICD9CM NO NO NO

44831276 Pneumonia due to parainfluenza virus Condition ICD9CM NO NO NO

44824282 Pneumonia due to Pseudomonas Condition ICD9CM NO NO NO

35207941 Pneumonia due to Pseudomonas Condition ICD10CM NO NO NO

44835977 Pneumonia due to respiratory syncytial virus Condition ICD9CM NO NO NO

45567260 Pneumonia due to SARS-associated coronavirus Condition ICD10CM NO NO NO

44826672 Pneumonia due to SARS-associated coronavirus Condition ICD9CM NO NO NO

1569467 Pneumonia due to staphylococcus Condition ICD10CM NO NO NO

44834766 Pneumonia due to Staphylococcus Condition ICD9CM NO NO NO

45567261 Pneumonia due to staphylococcus aureus Condition ICD10CM NO NO NO

45601122 Pneumonia due to staphylococcus, unspecified Condition ICD10CM NO NO NO

44829006 Pneumonia due to Staphylococcus, unspecified Condition ICD9CM NO NO NO

44821983 Pneumonia due to Streptococcus Condition ICD9CM NO NO NO

44832417 Pneumonia due to Streptococcus, group A Condition ICD9CM NO NO NO

35207942 Pneumonia due to streptococcus, group B Condition ICD10CM NO NO NO

44819743 Pneumonia due to Streptococcus, group B Condition ICD9CM NO NO NO

35207938 Pneumonia due to Streptococcus pneumoniae Condition ICD10CM NO NO NO

44820886 Pneumonia due to Streptococcus, unspecified Condition ICD9CM NO NO NO

44826674 Pneumonia in anthrax Condition ICD9CM NO NO NO

44829008 Pneumonia in aspergillosis Condition ICD9CM NO NO NO

44834768 Pneumonia in cytomegalic inclusion disease Condition ICD9CM NO NO NO

35207951 Pneumonia in diseases classified elsewhere Condition ICD10CM NO NO NO

44833610 Pneumonia in infectious diseases classified elsewhere Condition ICD9CM NO NO NO

44824283 Pneumonia in other infectious diseases classified elsewhere Condition ICD9CM NO NO NO

44825470 Pneumonia in other systemic mycoses Condition ICD9CM NO NO NO

44826673 Pneumonia in whooping cough Condition ICD9CM NO NO NO

44829009 Pneumonia, organism unspecified Condition ICD9CM NO NO NO

35207956 Pneumonia, unspecified organism Condition ICD10CM NO NO NO

44828631 Pulmonary tuberculosis Condition ICD9CM NO NO NO

44827461 Pulmonary tuberculosis, unspecified, bacteriological or histological examination not done Condition ICD9CM NO NO NO

44836743 Pulmonary tuberculosis, unspecified, bacteriological or histological examination unknown (at present) Condition ICD9CM NO NO NO

44822785 Pulmonary tuberculosis, unspecified, tubercle bacilli found (in sputum) by microscopy Condition ICD9CM NO NO NO

44832043 Pulmonary tuberculosis, unspecified, tubercle bacilli not found by bacteriological examination, but tuberculosis confirmed histologically Condition ICD9CM NO NO NO

44821643 Pulmonary tuberculosis, unspecified, tubercle bacilli not found by bacteriological or histological examination, but tuberculosis confirmed by other methods [inoculation of animals] Condition ICD9CM NO NO NO

44822786 Pulmonary tuberculosis, unspecified, tubercle bacilli not found (in sputum) by microscopy, but found by bacterial culture Condition ICD9CM NO NO NO

44828637 Pulmonary tuberculosis, unspecified, unspecified Condition ICD9CM NO NO NO

1569515 Respiratory failure, not elsewhere classified Condition ICD10CM NO NO NO

35208102 Respiratory failure, unspecified Condition ICD10CM NO NO NO

45567284 Respiratory failure, unspecified, unspecified whether with hypoxia or hypercapnia Condition ICD10CM NO NO NO

45533563 Respiratory failure, unspecified with hypercapnia Condition ICD10CM NO NO NO

45605907 Respiratory failure, unspecified with hypoxia Condition ICD10CM NO NO NO

35207933 Respiratory syncytial virus pneumonia Condition ICD10CM NO NO NO

44827456 Tuberculosis of bronchus Condition ICD9CM NO NO NO

44821637 Tuberculosis of bronchus, bacteriological or histological examination not done Condition ICD9CM NO NO NO

44833186 Tuberculosis of bronchus, bacteriological or histological examination unknown (at present) Condition ICD9CM NO NO NO

44826291 Tuberculosis of bronchus, tubercle bacilli found (in sputum) by microscopy Condition ICD9CM NO NO NO

44827457 Tuberculosis of bronchus, tubercle bacilli not found by bacteriological examination, but tuberculosis confirmed histologically Condition ICD9CM NO NO NO

44821638 Tuberculosis of bronchus, tubercle bacilli not found by bacteriological or histological examination, but tuberculosis confirmed by other methods [inoculation of animals] Condition ICD9CM NO NO NO

44834391 Tuberculosis of bronchus, tubercle bacilli not found (in sputum) by microscopy, but found in bacterial culture Condition ICD9CM NO NO NO

44822784 Tuberculosis of bronchus, unspecified Condition ICD9CM NO NO NO

44834390 Tuberculosis of lung, infiltrative Condition ICD9CM NO NO NO

44830888 Tuberculosis of lung, infiltrative, bacteriological or histological examination not done Condition ICD9CM NO NO NO

44829703 Tuberculosis of lung, infiltrative, bacteriological or histological examination unknown (at present) Condition ICD9CM NO NO NO

44829704 Tuberculosis of lung, infiltrative, tubercle bacilli found (in sputum) by microscopy Condition ICD9CM NO NO NO

44832038 Tuberculosis of lung, infiltrative, tubercle bacilli not found bacteriological or histological examination, but tuberculosis confirmed by other methods [inoculation of animals] Condition ICD9CM NO NO NO

44822781 Tuberculosis of lung, infiltrative, tubercle bacilli not found by bacteriological examination, but tuberculosis confirmed histologically Condition ICD9CM NO NO NO

44822780 Tuberculosis of lung, infiltrative, tubercle bacilli not found (in sputum) by microscopy, but found by bacterial culture Condition ICD9CM NO NO NO

44821635 Tuberculosis of lung, infiltrative, unspecified Condition ICD9CM NO NO NO

44822782 Tuberculosis of lung, nodular Condition ICD9CM NO NO NO

44827453 Tuberculosis of lung, nodular, bacteriological or histological examination not done Condition ICD9CM NO NO NO

44835573 Tuberculosis of lung, nodular, bacteriological or histological examination unknown (at present) Condition ICD9CM NO NO NO

44820524 Tuberculosis of lung, nodular, tubercle bacilli found (in sputum) by microscopy Condition ICD9CM NO NO NO

44830890 Tuberculosis of lung, nodular, tubercle bacilli not found by bacteriological examination, but tuberculosis confirmed histologically Condition ICD9CM NO NO NO

44829705 Tuberculosis of lung, nodular, tubercle bacilli not found by bacteriological or histological examination, but tuberculosis confirmed by other methods [inoculation of animals] Condition ICD9CM NO NO NO

44832039 Tuberculosis of lung, nodular, tubercle bacilli not found (in sputum) by microscopy, but found by bacterial culture Condition ICD9CM NO NO NO

44830889 Tuberculosis of lung, nodular, unspecified Condition ICD9CM NO NO NO

44832040 Tuberculosis of lung with cavitation Condition ICD9CM NO NO NO

44827454 Tuberculosis of lung with cavitation, bacteriological or histological examination not done Condition ICD9CM NO NO NO

44825100 Tuberculosis of lung with cavitation, bacteriological or histological examination unknown (at present) Condition ICD9CM NO NO NO

44822783 Tuberculosis of lung with cavitation, tubercle bacilli found (in sputum) by microscopy Condition ICD9CM NO NO NO

44827455 Tuberculosis of lung with cavitation, tubercle bacilli not found by bacteriological examination, but tuberculosis confirmed histologically Condition ICD9CM NO NO NO

44819313 Tuberculosis of lung with cavitation, tubercle bacilli not found by bacteriological or histological examination, but tuberculosis confirmed by other methods [inoculation of animals] Condition ICD9CM NO NO NO

44819312 Tuberculosis of lung with cavitation, tubercle bacilli not found (in sputum) by microscopy, but found by bacterial culture Condition ICD9CM NO NO NO

44821636 Tuberculosis of lung with cavitation, unspecified Condition ICD9CM NO NO NO

44819314 Tuberculous bronchiectasis Condition ICD9CM NO NO NO

44826292 Tuberculous bronchiectasis, bacteriological or histological examination not done Condition ICD9CM NO NO NO

44826293 Tuberculous bronchiectasis, bacteriological or histological examination unknown (at present) Condition ICD9CM NO NO NO

44825101 Tuberculous bronchiectasis, tubercle bacilli found (in sputum) by microscopy Condition ICD9CM NO NO NO

44836739 Tuberculous bronchiectasis, tubercle bacilli not found by bacteriological examination, but tuberculosis confirmed histologically Condition ICD9CM NO NO NO

44825102 Tuberculous bronchiectasis, tubercle bacilli not found by bacteriological or histological examination, but tuberculosis confirmed by other methods [inoculation of animals] Condition ICD9CM NO NO NO

44830892 Tuberculous bronchiectasis, tubercle bacilli not found (in sputum) by microscopy, but found by bacterial culture Condition ICD9CM NO NO NO

44830891 Tuberculous bronchiectasis, unspecified Condition ICD9CM NO NO NO

44827458 Tuberculous fibrosis of lung Condition ICD9CM NO NO NO

44833187 Tuberculous fibrosis of lung, bacteriological or histological examination not done Condition ICD9CM NO NO NO

44821639 Tuberculous fibrosis of lung, bacteriological or histological examination unknown (at present) Condition ICD9CM NO NO NO

44823933 Tuberculous fibrosis of lung, tubercle bacilli found (in sputum) by microscopy Condition ICD9CM NO NO NO

44832041 Tuberculous fibrosis of lung, tubercle bacilli not found by bacteriological examination, but tuberculosis confirmed histologically Condition ICD9CM NO NO NO

44828633 Tuberculous fibrosis of lung, tubercle bacilli not found by bacteriological or histological examination, but tuberculosis confirmed by other methods [inoculation of animals] Condition ICD9CM NO NO NO

44834392 Tuberculous fibrosis of lung, tubercle bacilli not found (in sputum) by microscopy, but found by bacterial culture Condition ICD9CM NO NO NO

44828632 Tuberculous fibrosis of lung, unspecified Condition ICD9CM NO NO NO

44825103 Tuberculous pneumonia [any form] Condition ICD9CM NO NO NO

44828634 Tuberculous pneumonia [any form], bacteriological or histological examination not done Condition ICD9CM NO NO NO

44828635 Tuberculous pneumonia [any form], bacteriological or histological examination unknown (at present) Condition ICD9CM NO NO NO

44834393 Tuberculous pneumonia [any form], tubercle bacilli found (in sputum) by microscopy Condition ICD9CM NO NO NO

44826294 Tuberculous pneumonia [any form], tubercle bacilli not found by bacteriological examination, but tuberculosis confirmed histologically Condition ICD9CM NO NO NO

44829706 Tuberculous pneumonia [any form], tubercle bacilli not found by bacteriological or histological examination, but tuberculosis confirmed by other methods [inoculation of animals] Condition ICD9CM NO NO NO

44834394 Tuberculous pneumonia [any form], tubercle bacilli not found (in sputum) by microscopy, but found by bacterial culture Condition ICD9CM NO NO NO

44827459 Tuberculous pneumonia [any form], unspecified Condition ICD9CM NO NO NO

44819315 Tuberculous pneumothorax Condition ICD9CM NO NO NO

44834395 Tuberculous pneumothorax, bacteriological or histological examination not done Condition ICD9CM NO NO NO

44821640 Tuberculous pneumothorax, bacteriological or histological examination unknown (at present) Condition ICD9CM NO NO NO

44836740 Tuberculous pneumothorax, tubercle bacilli found (in sputum) by microscopy Condition ICD9CM NO NO NO

44828636 Tuberculous pneumothorax, tubercle bacilli not found by bacteriological examination, but tuberculosis confirmed histologically Condition ICD9CM NO NO NO

44830893 Tuberculous pneumothorax, tubercle bacilli not found by bacteriological or histological examination, but tuberculosis confirmed by other methods [inoculation of animals] Condition ICD9CM NO NO NO

44832042 Tuberculous pneumothorax, tubercle bacilli not found (in sputum) by microscopy, but found by bacterial culture Condition ICD9CM NO NO NO

44827460 Tuberculous pneumothorax, unspecified Condition ICD9CM NO NO NO

35207948 Unspecified bacterial pneumonia Condition ICD10CM NO NO NO

44823934 Unspecified pulmonary tuberculosis Condition ICD9CM NO NO NO

44831275 Viral pneumonia Condition ICD9CM NO NO NO

1569465 Viral pneumonia, not elsewhere classified Condition ICD10CM NO NO NO

35207937 Viral pneumonia, unspecified Condition ICD10CM NO NO NO

44831277 Viral pneumonia, unspecified Condition ICD9CM NO NO NO

systematic corticosteroids

Concept Id Concept Name Domain Vocabulary Excluded Descendants Mapped

1518254 dexamethasone Drug RxNorm NO YES NO

975125 hydrocortisone Drug RxNorm NO YES NO

1551099 prednisone Drug RxNorm NO YES NO

1506270 methylprednisolone Drug RxNorm NO YES NO

1550557 prednisolone Drug RxNorm NO YES NO

19027186 paramethasone Drug RxNorm NO YES NO

1507705 cortisone Drug RxNorm NO YES NO