### Literature Search Performed on: 03/28/2023
Beginning Date: January 1994
End Date: February 2023
Database: Ovid MEDLINE(R) ALL <1946 to March 27, 2023>

**Search Strategy**

1. (Bronchiectasis/ and bronchi/ and lung/ and Tomography, X-Ray Computed/) or (Agammaglobulinemia/ and Cystic Fibrosis/ and Tomography, X-Ray Computed/) or (Bronchoscopy/ and Tomography, Spiral Computed/ and Intubation, Intratracheal/) (25)
2. (Bronchiectasis/ and Disease Progression/ and Respiratory Function Tests/) or (Cystic Fibrosis/ and Bronchiectasis/ and Tomography, X-Ray Computed/ and Respiratory System Agents/) (35)
3. (Bronchiectasis/ and Tomography, X-Ray Computed/ and Observer Variation/) or (Respiratory Tract Infections/ and lung/ and Aspergillosis, Allergic Bronchopulmonary/ and Tomography, X-Ray Computed/) or (Respiration/ and Pharynx/ and Trachea/ and Magnetic Resonance Imaging, Cine/) (33)
4. (Lung Neoplasms/ and Bronchoscopy/ and Tomography, X-Ray Computed/ and Bronchial Diseases/) or Comparison of virtual bronchoscopy.tw. or insertion in malignant airway obstruction.tw. (32)
5. 1 or 2 or 3 or 4 (121)
6. limit 5 to yr="1994 -Current" (119)
7. Mycobacterium Infections, Nontuberculous/ and Tomography, X-Ray Computed/ and (Bronchiectasis/ or lung diseases/ or Clinical Decision-Making/) (76)
8. (nontuberculous mycobacterial.mp. and Clinical Decision-Making/) or (Mycobacterium avium-intracellulare Infection/ and Lung Diseases/ and Radiography, Thoracic/) or (Tomography, X-Ray Computed/ and Mycobacterium Infections, Nontuberculous/ and Pneumonia, Bacterial/) (24)
9. (Multivariate Analysis/ and Mycobacterium avium-intracellulare Infection/ and Lung Diseases/) or (Pneumonia, Bacterial/ and Mycobacterium avium Complex/ and Tomography, X-Ray Computed/) (21)
10. (Bronchiectasis/ and Mycobacterium avium-intracellulare Infection/ and Tomography, X-Ray Computed/) or (Mycobacterium avium-intracellulare Infection/ and Lung Diseases/ and Radiography, Thoracic/) (37)
11. 7 or 8 or 9 or 10 (148)
12. limit 11 to (abstracts and english language and humans and yr="2011 -Current") (78)
13. 6 or 12 (196)

### Literature Search Performed on: 08/28/2022
Beginning Date: January 1992
End Date: July 2022
Database: Ovid MEDLINE(R) ALL <1946 to August 26, 2022>

**Search Strategy**

1. Tracheal Diseases/ and Bronchial Diseases/ and Tomography, X-Ray Computed/ (177)
2. (Bronchial Diseases/ and diagnostic imaging/) or (Bronchi/ and diagnostic imaging/ and bronchoscopy/) or Imaging in non-cystic.tw. (20)
3. Bronchi/ and Tomography, X-Ray Computed/ and bronchoscopy/ and tracheal/ (152)
4. (Brachytherapy/ and Airway Obstruction/) or ((Tracheal diseases/ and Trachea/ and Airway Obstruction/) or Tracheobronchoplasty yields.tw.) (163)
5. (Airway Obstruction/ and Multidetector Computed Tomography/) or (Exhalation/ and lung/ and Tomography, X-Ray Computed/) or (Military Personnel/ and Tomography, X-Ray Computed/ and Afghanistan/) (105)
6. (Tracheobronchomalacia.mp. and trachea/) or Diseases of the Large Airways.tw. or (Tracheal Stenosis/ and cough/ and Airway Obstruction/) or (Tracheal Stenosis/ and Magnetic Resonance Imaging, Cine/) (138)
7. (Bronchial Diseases/ and airway obstruction/ and tracheal diseases/) or (Bronchiectasis/ and Tomography, X-Ray Computed/ and Lung Volume Measurements/) (121)
8. (Administration, Inhalation/ and Bronchiectasis/) or (Tracheobronchomalacia/ or Tracheomalacia/) (732)
9. (Bronchiectasis/ and lung/ and Magnetic Resonance Imaging/) or (Tracheal Neoplasms/ and Bronchoscopy/ and Diagnosis, Differential/) or (Tracheal Diseases/ and Pulmonary Embolism/) (119)
10. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 (1572)
References from the literature search that were not retained had a poor study design, were not relevant to the topic, or had unclear or biased results.

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