**Appendix: search process**

**Search terms in Embase, EBM reviews, Medline and Health Technology**

|  |  |  |
| --- | --- | --- |
| Embase <1974 to 2019 Week 06> | |  |
| Search history sorted by search number ascending | | |
| **#** | **Searches** | **Results** |
|  |  |  |
| 1 | (interstitial$ adj lung$ adj3 abnormal$).af. | 398 |
| 2 | ((interstitial$ or intersticial$) adj2 (malform$ or abnormal$ or anomol$)).mp. | 433 |
| 3 | ((sub-clinical or subclinical or pre-clinical or preclinical) adj2 lung$).mp. | 346 |
| 4 | (early adj2 lung$ adj2 (malform$ or abnormal$ or anomol$)).mp. | 24 |
| 5 | 1 or 2 or 3 or 4 | 1016 |
| 6 | remove duplicates from 5 | 1006 |
| 7 | limit 6 to english language | 959 |
| 8 | limit 7 to human | 814 |
| 9 | limit 7 to animal | 84 |
| 10 | 7 not 8 not 9 | 61 |
| 11 | 8 or 10 | 875 |
|  |  |  |
|  |  |  |
| EBM Reviews - Cochrane Central Register of Controlled Trials | |  |
| Search history sorted by search number ascending | | |
| **#** | **Searches** | **Results** |
|  |  |  |
| 1 | (interstitial$ adj lung$ adj3 abnormal$).af. | 12 |
| 2 | ((interstitial$ or intersticial$) adj2 (malform$ or abnormal$ or anomol$)).mp. | 14 |
| 3 | ((sub-clinical or subclinical or pre-clinical or preclinical) adj2 lung$).mp. | 43 |
| 4 | (early adj2 lung$ adj2 (malform$ or abnormal$ or anomol$)).mp. | 2 |
| 5 | 1 or 2 or 3 or 4 | 57 |
| 6 | remove duplicates from 5 | 54 |
| 7 | limit 6 to english language | 43 |
|  |  |  |
|  |  |  |
| Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R) <1946 to February 12, 2019> | | |
| Search history sorted by search number ascending | | |
| **#** | **Searches** | **Results** |
|  |  |  |
| 1 | (interstitial$ adj lung$ adj3 abnormal$).af. | 115 |
| 2 | ((interstitial$ or intersticial$) adj2 (malform$ or abnormal$ or anomol$)).mp. | 307 |
| 3 | ((sub-clinical or subclinical or pre-clinical or preclinical) adj2 lung$).mp. | 211 |
| 4 | (early adj2 lung$ adj2 (malform$ or abnormal$ or anomol$)).mp. | 16 |
| 5 | 1 or 2 or 3 or 4 | 536 |
| 6 | remove duplicates from 5 | 535 |
| 7 | limit 6 to english language | 497 |
| 8 | limit 7 to human | 389 |
| 9 | limit 7 to animal | 96 |
| 10 | 7 not 8 not 9 | 56 |
| 11 | 8 or 10 | 445 |
|  |  |  |
|  |  |  |
| EBM Reviews - Health Technology Assessment <4th Quarter 2016> | |  |
| Search history sorted by search number ascending | | |
| **#** | **Searches** | **Results** |
|  |  |  |
| 1 | (interstitial$ adj lung$ adj3 abnormal$).af. | 0 |
| 2 | ((interstitial$ or intersticial$) adj2 (malform$ or abnormal$ or anomol$)).mp. | 0 |
| 3 | ((sub-clinical or subclinical or pre-clinical or preclinical) adj2 lung$).mp. | 0 |
| 4 | (early adj2 lung$ adj2 (malform$ or abnormal$ or anomol$)).mp. | 0 |
| 5 | 1 or 2 or 3 or 4 | 0 |

**Consort diagram explaining literature review**

Duplicates

N = 11

Initial literature search

700 references (after removal of letters, conference abstracts etc.)

Not relevant to key questions based on abstract screen

N = 150

Not relevant to key questions based on title screen

N = 455

References for text review

N = 84

Not relevant to key questions based on text review

N = 60

References included in manuscript

N =24

**84 References included in text review**

|  |  |
| --- | --- |
| 1. | Abdulla E, Al-Zakwani I, Baddar S, Abdwani R. Extent of subclinical pulmonary involvement in childhood onset systemic lupus erythematosus in the sultanate of oman. Oman med. 2012 Jan;27(1):36-9. |
| 2. | Affara NK, Refaat AM, Elgawish MH, Zakaria MA, Dashti KA. High-resolution CT and pulmonary function tests in rheumatoid arthritis patients with subclinical interstitial lung disease in Kuwait. Egyptian Rheumatologist. 2016 01 Apr;38(2):77-83. |
| 3. | Araki T, Nishino M, Zazueta OE, Gao W, Dupuis J, Okajima Y, et al. Paraseptal emphysema: Prevalence and distribution on CT and association with interstitial lung abnormalities. European Journal of Radiology. 2015 01 Jul;84(7):1413-8. |
| 4. | Araki T, Putman RK, Hatabu H, Gao W, Dupuis J, Latourelle JC, et al. Development and Progression of Interstitial Lung Abnormalities in the Framingham Heart Study. Am J Respir Crit Care Med. 2016 12 15;194(12):1514-22. |
| 5. | Araki T, Yanagawa M, Sun FJ, Dupuis J, Nishino M, Yamada Y, et al. Pleural abnormalities in the Framingham Heart Study: Prevalence and CT image features. Occupational and Environmental Medicine. 2017 October;74(10):756-61. |
| 6. | Armstrong HF, Podolanczuk AJ, Barr RG, Oelsner EC, Kawut SM, Hoffman EA, et al. Serum matrix metalloproteinase-7, respiratory symptoms, and mortality in community-dwelling adults MESA (Multi-Ethnic Study of Atherosclerosis). American Journal of Respiratory and Critical Care Medicine. 2017 15 Nov;196(10):1311-7. |
| 7. | Ash SY, Harmouche R, Putman RK, Ross JC, Diaz AA, Hunninghake GM, et al. Clinical and Genetic Associations of Objectively Identified Interstitial Changes in Smokers. Chest. 2017 October;152(4):780-91. |
| 8. | Ash SY, Harmouche R, Ross JC, Diaz AA, Hunninghake GM, Putman RK, et al. The Objective Identification and Quantification of Interstitial Lung Abnormalities in Smokers. Academic Radiology. 2017 August;24(8):941-6. |
| 9. | Axelsson GT, Putman RK, Araki T, Sigurdsson S, Gudmundsson EF, Eiriksdottir G, et al. Interstitial lung abnormalities and self-reported health and functional status. Thorax. 2018 01 Sep;73(9):884-6. |
| 10. | Baum C, Ojeda FM, Wild PS, Rzayeva N, Zeller T, Sinning CR, et al. Subclinical impairment of lung function is related to mild cardiac dysfunction and manifest heart failure in the general population. International Journal of Cardiology. 2016 01 Sep;218:298-304. |
| 11. | Bernstein EJ, Barr RG, Austin JHM, Kawut SM, Raghu G, Sell JL, et al. Rheumatoid arthritis-associated autoantibodies and subclinical interstitial lung disease: The Multi-Ethnic Study of Atherosclerosis. Thorax. 2016 01 Dec;71(12):1082-90. |
| 12. | Bertolini L, Vaglio A, Bignardi L, Buzio C, De Filippo M, Palmisano A, et al. Subclinical interstitial lung abnormalities in stable renal allograft recipients in the era of modern immunosuppression. Transplantation Proceedings. 2011 September;43(7):2617-23. |
| 13. | Bozzetti F, Paladini I, Rabaiotti E, Franceschini A, Alfieri V, Chetta A, et al. Are interstitial lung abnormalities associated with COPD? Anested case-control study. International Journal of COPD. 2016 26 May;11(1):1087-96. |
| 14. | Choi S, Won YL, Kim D, Yi GY, Park JS, Kim EA. Subclinical interstitial lung damage in workers exposed to indium compounds. Ann. 2013 Oct 21;25(1):24. |
| 15. | Cummings KJ, Virji MA, Trapnell BC, Carey B, Healey T, Kreiss K. Early changes in clinical, functional, and laboratory biomarkers in workers at risk of indium lung disease. Annals of the American Thoracic Society. 2014 01 Nov;11(9):1395-403. |
| 16. | Diaz De Leon A, Cronkhite JT, Yilmaz C, Brewington C, Wang R, Xing C, et al. Subclinical lung disease, macrocytosis, and premature graying in kindreds with telomerase (TERT) mutations. Chest. 2011 01 Sep;140(3):753-63. |
| 17. | Doyle TJ, Dellaripa PF, Batra K, Frits ML, Iannaccone CK, Hatabu H, et al. Functional impact of a spectrum of interstitial lung abnormalities in rheumatoid arthritis. Chest. 2014 July;146(1):41-50. |
| 18. | Doyle TJ, Hunninghake GM, Rosas IO. Subclinical interstitial lung disease: Why you should care. American Journal of Respiratory and Critical Care Medicine. 2012 01 Jun;185(11):1147-53. |
| 19. | Doyle TJ, Washko GR, Fernandez IE, Nishino M, Okajima Y, Yamashiro T, et al. Interstitial lung abnormalities and reduced exercise capacity. Am J Respir Crit Care Med. 2012 Apr 01;185(7):756-62. |
| 20. | Drummond MB, Lambert AA, Hussien AF, Lin CT, Merlo CA, Wise RA, et al. HIV Infection Is Independently Associated with Increased CT Scan Lung Density. Academic Radiology. 2017 01 Feb;24(2):137-45. |
| 21. | El Maghraoui A, Chaouir S, Abid A, Bezza A, Tabache F, Achemlal L, et al. Lung findings on thoracic high-resolution computed tomography in patients with ankylosing spondylitis. Correlations with disease duration, clinical findings and pulmonary function testing. Clinical Rheumatology. 2004 April;23(2):123-8. |
| 22. | El Maghraoui A, Dehhaoui M. Prevalence and characteristics of lung involvement on high resolution computed tomography in patients with ankylosing spondylitis: A systematic review. Pulmonary Medicine. 2012;(no pagination)(965956). |
| 23. | El-Chemaly S, Ziegler SG, Calado RT, Wilson KA, Wu HP, Haughey M, et al. Natural history of pulmonary fibrosis in two subjects with the same telomerase mutation. Chest. 2011 01 May;139(5):1203-9. |
| 24. | El-Shahawy EED, Morsy AF, Algoubashy AA, El Fiki IM, Warda MHA. Pleuropulmonary manifestations in juvenile onset systemic lupus erythematosus: Assessment by pulmonary function tests and multidetector computed tomography. Egyptian Rheumatologist. 2011 October;33(4):163-9. |
| 25. | Fabre A, Treacy A, Lavelle LP, Narski M, Faheem N, Healy D, et al. Smoking-Related Interstitial Fibrosis: Evidence of Radiologic Regression with Advancing Age and Smoking Cessation. COPD: Journal of Chronic Obstructive Pulmonary Disease. 2017 02 Nov;14(6):603-9. |
| 26. | Gilligan DM, O'Connor CM, Ward K, Moloney D, Bresnihan B, FitzGerald MX. Bronchoalveolar lavage in patients with mild and severe rheumatoid lung disease. Thorax. 1990;45(8):591-6. |
| 27. | Gochuico BR, Avila NA, Chow CK, Novero LJ, Wu HP, Ren P, et al. Progressive preclinical interstitial lung disease in rheumatoid arthritis. Archives of Internal Medicine. 2008 28 Jan;168(2):159-66. |
| 28. | Guaraldi G, Raggi P, Gomes A, Zona S, Marchi E, Santoro A, et al. Lung and heart diseases are better predicted by pack-years than by smoking status or duration of smoking cessation in HIV patients. PLoS ONE. 2015 01 Dec;10 (12) (no pagination)(e0143700). |
| 29. | Hatabu H, Hunninghake GM, Lynch DA. Interstitial Lung Abnormality: Recognition and Perspectives. Radiology. 2018 Dec 18:181684. |
| 30. | Holt RM, Schmidt RA, Godwin JD, Raghu G. High resolution CT in respiratory bronchiolitis-associated interstitial lung disease. Journal of Computer Assisted Tomography. 1993;17(1):46-50. |
| 31. | Hoyer N, Wille MMW, Thomsen LH, Wilcke T, Dirksen A, Pedersen JH, et al. Interstitial lung abnormalities are associated with increased mortality in smokers. Respiratory Medicine. 2018 March;136:77-82. |
| 32. | Hung YP, Hunninghake GM, Miller ER, Putman R, Nishino M, Araki T, et al. Incidental non-neoplastic parenchymal findings in patients undergoing lung resection for mass lesions. Human Pathology. 2019 Jan 15;15:15. |
| 33. | Hunninghake GM. Interstitial lung abnormalities: erecting fences in the path towards advanced pulmonary fibrosis. Thorax. 2019 Feb 05;05:05. |
| 34. | Hunninghake GM, Hatabu H, Okajima Y, Gao W, Dupuis J, Latourelle JC, et al. MUC5B promoter polymorphism and interstitial lung abnormalities. New England Journal of Medicine. 2013;368(23):2192-200. |
| 35. | Iwasawa T, Takemura T, Ogura T. Smoking-related lung abnormalities on computed tomography images: comparison with pathological findings. Japanese Journal of Radiology. 2018 01 Mar;36(3):165-80. |
| 36. | Jin GY, Lynch D, Chawla A, Garg K, Tammemagi MC, Sahin H, et al. Interstitial lung abnormalities in a CT lung cancer screening population : Prevalence and progression rate. Radiology. 2013 August;268(2):563-71. |
| 37. | Johnson C, Giles JT, Bathon J, Lederer D, Hoffman EA, Barr RG, et al. Smoking and subclinical ILD in ra versus the multi-ethnic study of atherosclerosis. PLoS ONE. 2016 April;11 (4) (no pagination)(e0153024). |
| 38. | Kadoch M, Kitich A, Alqalyoobi S, Lafond E, Foster E, Juarez M, et al. Interstitial lung abnormality is prevalent and associated with worse outcome in patients undergoing transcatheter aortic valve replacement. Respiratory Medicine. 2018 April;137:55-60. |
| 39. | Kim JS, Podolanczuk AJ, Borker P, Kawut SM, Raghu G, Kaufman JD, et al. Obstructive sleep apnea and subclinical interstitial lung disease in the multi-ethnic study of atherosclerosis (MESA). Annals of the American Thoracic Society. 2017 December;14(12):1786-95. |
| 40. | Kliment CR, Araki T, Doyle TJ, Gao W, Dupuis J, Latourelle JC, et al. A comparison of visual and quantitative methods to identify interstitial lung abnormalities. BMC Pulmonary Medicine. 2015 October 29;15 (1) (no pagination)(134). |
| 41. | Kumar A, Cherian SV, Vassallo R, Yi ES, Ryu JH. Current Concepts in Pathogenesis, Diagnosis, and Management of Smoking-Related Interstitial Lung Diseases. Chest. 2018 August;154(2):394-408. |
| 42. | Lederer DJ, Enright PL, Kawut SM, Hoffman EA, Hunninghake G, van Beek EJ, et al. Cigarette smoking is associated with subclinical parenchymal lung disease: the Multi-Ethnic Study of Atherosclerosis (MESA)-lung study. Am J Respir Crit Care Med. 2009 Sep 01;180(5):407-14. |
| 43. | Lederer DJ, Enright PL, Kawut SM, Hoffman EA, Hunninghake G, Van Beek EJR, et al. Cigarette smoking is associated with subclinical parenchymal lung disease: The Multi-Ethnic Study of Atherosclerosis (MESA)-lung study. American Journal of Respiratory and Critical Care Medicine. 2009 01 Sep;180(5):407-14. |
| 44. | Lee E, Seo JH, Kim HY, Yu J, Song JW, Park YS, et al. Two series of familial cases with unclassified interstitial pneumonia with fibrosis. Allergy, Asthma and Immunology Research. 2012 July;4(4):240-4. |
| 45. | Li F, Zhou Z, Wu A, Cai Y, Wu H, Chen M, et al. Preexisting radiological interstitial lung abnormalities are a risk factor for severe radiation pneumonitis in patients with small-cell lung cancer after thoracic radiation therapy. Radiation Oncology. 2018 02 May;13 (1) (no pagination)(82). |
| 46. | Maarschalk-Ellerbroek LJ, de Jong PA, van Montfrans JM, Lammers JWJ, Bloem AC, Hoepelman AIM, et al. CT Screening for Pulmonary Pathology in Common Variable Immunodeficiency Disorders and the Correlation with Clinical and Immunological Parameters. Journal of Clinical Immunology. 2014;21. |
| 47. | Mackintosh JA, Marshall HM, Slaughter R, Reddy T, Yang IA, Bowman RV, et al. Interstitial Lung Abnormalities in the Queensland Lung Cancer Screening Study: Prevalence and Progression Over Two Years of Surveillance. Intern Med J. 2018 Oct 22;22:22. |
| 48. | Madahar P, Duprez DA, Podolanczuk AJ, Bernstein EJ, Kawut SM, Raghu G, et al. Collagen biomarkers and subclinical interstitial lung disease: The Multi-Ethnic Study of Atherosclerosis. Respiratory Medicine. 2018 July;140:108-14. |
| 49. | Manichaikul A, Wang XQ, Sun L, Dupuis J, Borczuk AC, Nguyen JN, et al. Genome-wide association study of subclinical interstitial lung disease in MESA. Respiratory Research. 2017 18 May;18 (1) (no pagination)(97). |
| 50. | Marie I, Dominique S, Levesque H, Ducrotte P, Denis P, Hellot MF, et al. Esophageal involvement and pulmonary manifestations in systemic sclerosis. Arthritis Rheum. 2001 Aug;45(4):346-54. |
| 51. | Miller ER, Putman RK, Diaz AA, Xu H, San Jose Estepar R, Araki T, et al. Increased Airway Wall Thickness in Interstitial Lung Abnormalities and Idiopathic Pulmonary Fibrosis. Annals of the American Thoracic Society. 2018 Dec 13;13:13. |
| 52. | Mori S, Cho I, Koga Y, Sugimoto M. Comparison of pulmonary abnormalities on high-resolution computed tomography in patients with early versus longstanding rheumatoid arthritis. Journal of Rheumatology. 2008 August;35(8):1513-21. |
| 53. | Nattenmuller J, Schlett CL, Tsuchiya N, Reeder SB, Pickhardt PJ, Kramer H, et al. Noncontrast Chest Computed Tomographic Imaging of Obesity and the Metabolic Syndrome: Part II Noncardiovascular Findings. Journal of Thoracic Imaging. 2019 Jan 31;31:31. |
| 54. | Nishino M, Cardarella S, Dahlberg SE, Araki T, Lydon C, Jackman DM, et al. Interstitial lung abnormalities in treatment-naive advanced non-small-cell lung cancer patients are associated with shorter survival. European Journal of Radiology. 2015 01 May;84(5):998-1004. |
| 55. | Nogueira CR, Napolis LM, Bagatin E, Terra-Filho M, Muller NL, Silva CIS, et al. Lung diffusing capacity relates better to short-term progression on HRCT abnormalities than spirometry in mild asbestosis. American Journal of Industrial Medicine. 2011 March;54(3):185-93. |
| 56. | Ohgiya M, Matsui H, Tamura A, Kato T, Akagawa S, Ohta K. The evaluation of interstitial abnormalities in group B of the 2011 global initiative for chronic obstructive lung disease (GOLD) classification of chronic obstructive pulmonary disease (COPD). Internal Medicine. 2017;56(20):2711-7. |
| 57. | Orriols R, Costa R, Montero MA, Pallisa E, Bravo R, Villar A, et al. Peribronchiolar metaplasia interstitial pneumonia in cleaning workers. International Journal of Clinical and Experimental Medicine. 2017 28 Feb;10(2):3778-86. |
| 58. | Podolanczuk AJ, Oelsner EC, Barr RG, Bernstein EJ, Hoffman EA, Easthausen IJ, et al. High-Attenuation Areas on Chest Computed Tomography and Clinical Respiratory Outcomes in Community-Dwelling Adults. American journal of respiratory and critical care medicine. 2017 01 Dec;196(11):1434-42. |
| 59. | Podolanczuk AJ, Raghu G, Tsai MY, Kawut SM, Peterson E, Sonti R, et al. Cholesterol, lipoproteins and subclinical interstitial lung disease: The MESA study. Thorax. 2017 27 Jan;72(5):472-4. |
| 60. | Putman RK, Gudmundsson G, Araki T, Nishino M, Sigurdsson S, Gudmundsson EF, et al. The MUC5B promoter polymorphism is associated with specific interstitial lung abnormality subtypes. European Respiratory Journal. 2017 09;50(3):09. |
| 61. | Putman RK, Gudmundsson G, Axelsson GT, Hida T, Honda O, Araki T, et al. Imaging Patterns are Associated with Interstitial Lung Abnormality Progression and Mortality. Am J Respir Crit Care Med. 2019 Jan 23;23:23. |
| 62. | Putman RK, Hatabu H, Araki T, Gudmundsson G, Gao W, Nishino M, et al. Association Between Interstitial Lung Abnormalities and All-Cause Mortality. Jama. 2016 Feb 16;315(7):672-81. |
| 63. | Putman RK, Rosas IO, Hunninghake GM. Genetics and early detection in idiopathic pulmonary fibrosis. American Journal of Respiratory and Critical Care Medicine. 2014 01 Apr;189(7):770-8. |
| 64. | Robles-Perez A, Luburich P, Rodriguez-Sanchon B, Dorca J, Nolla JM, Molina-Molina M, et al. Preclinical lung disease in early rheumatoid arthritis. Chronic Respiratory Disease. 2016 01 Feb;13(1):75-81. |
| 65. | Sack CS, Doney BC, Podolanczuk AJ, Hooper LG, Seixas NS, Hoffman EA, et al. Occupational exposures and subclinical interstitial lung disease the MESA (Multi-Ethnic Study of Atherosclerosis) air and lung studies. American Journal of Respiratory and Critical Care Medicine. 2017 15 Oct;196(8):1031-9. |
| 66. | Sant SM, Doran M, Fenelon HM, Breatnach ES. Pleuropulmonary abnormalities in patients with systemic lupus erythematosus: Assessment with high resolution computed tomography, chest radiography and pulmonary function tests. Clinical and Experimental Rheumatology. 1997 September/October;15(5):507-13. |
| 67. | Schwartz DA. The clinical relevance of asbestos-induced pleural fibrosis. Annals of the New York Academy of Sciences. 1991;643:169-77. |
| 68. | Shinno Y, Kage H, Chino H, Inaba A, Arakawa S, Noguchi S, et al. Old age and underlying interstitial abnormalities are risk factors for development of ARDS after pleurodesis using limited amount of large particle size talc. Respirology. 2018 January;23(1):55-9. |
| 69. | Silva M, Milanese G, Sverzellati N. Interstitial lung abnormalities: Prognostic stratification of subtle radiological findings. Current Opinion in Pulmonary Medicine. 2018;24(5):432-9. |
| 70. | Souza AS, Jr., Muller NL, Marchiori E, Soares-Souza LV, de Souza Rocha M. Pulmonary abnormalities in ankylosing spondylitis: inspiratory and expiratory high-resolution CT findings in 17 patients. Journal of Thoracic Imaging. 2004 Oct;19(4):259-63. |
| 71. | Tan Y, Jia D, Lin Z, Guo B, He B, Lu C, et al. Potential metabolic biomarkers to identify interstitial lung abnormalities. International Journal of Molecular Sciences. 2016 16 Jul;17 (7) (no pagination)(1148). |
| 72. | Tekath M, Dutheil F, Bellini R, Roche A, Pereira B, Naughton G, et al. Comparison of the ultra-low-dose Veo algorithm with the gold standard filtered back projection for detecting pulmonary asbestos-related conditions: A clinical observational study. BMJ Open. 2014;4 (5) (no pagination)(e004980). |
| 73. | Terra-Filho M, Bagatin E, Nery LE, Napolis LM, Neder JA, Meirelles GS, et al. Screening of miners and millers at decreasing levels of asbestos exposure: comparison of chest radiography and thin-section computed tomography. PLoS ONE [Electronic Resource]. 2015;10(3):e0118585. |
| 74. | Tsushima K, Sone S, Yoshikawa S, Yokoyama T, Suzuki T, Kubo K. The radiological patterns of interstitial change at an early phase: Over a 4-year follow-up. Respiratory Medicine. 2010 November;104(11):1712-21. |
| 75. | Walsh SLF, Richeldi L. Subclinical Interstitial Lung Abnormalities; Lumping and Splitting Revisited. Am J Respir Crit Care Med. 2019 Jan 30;30:30. |
| 76. | Washko GR, Hunninghake GM, Fernandez IE, Nishino M, Okajima Y, Yamashiro T, et al. Lung volumes and emphysema in smokers with interstitial lung abnormalities. New England Journal of Medicine. 2011 10 Mar;364(10):897-906. |
| 77. | Wille MMW, Thomsen LH, Petersen J, de Bruijne M, Dirksen A, Pedersen JH, et al. Visual assessment of early emphysema and interstitial abnormalities on CT is useful in lung cancer risk analysis. European Radiology. 2016 01 Feb;26(2):487-94. |
| 78. | Xu JF, Washko GR, Nakahira K, Hatabu H, Patel AS, Fernandez IE, et al. Statins and pulmonary fibrosis: the potential role of NLRP3 inflammasome activation. Am J Respir Crit Care Med. 2012 Mar 01;185(5):547-56. |
| 79. | Yamaguchi S, Ohguri T, Ide S, Aoki T, Imada H, Yahara K, et al. Stereotactic body radiotherapy for lung tumors in patients with subclinical interstitial lung disease: The potential risk of extensive radiation pneumonitis. Lung Cancer. 2013 November;82(2):260-5. |
| 80. | Yamaguchi S, Ohguri T, Matsuki Y, Yahara K, Oki H, Imada H, et al. Radiotherapy for thoracic tumors: association between subclinical interstitial lung disease and fatal radiation pneumonitis. International Journal of Clinical Oncology. 2014:1-8. |
| 81. | Yamaguchi S, Ohguri T, Matsuki Y, Yahara K, Oki H, Imada H, et al. Radiotherapy for thoracic tumors: association between subclinical interstitial lung disease and fatal radiation pneumonitis. International Journal of Clinical Oncology. 2015 Feb;20(1):45-52. |
| 82. | Yamakawa H, Takemura T, Iwasawa T, Yamanaka Y, Ikeda S, Sekine A, et al. Emphysematous change with scleroderma-associated interstitial lung disease: The potential contribution of vasculopathy? BMC Pulmonary Medicine. 2018 30 Jan;18 (1) (no pagination)(25). |
| 83. | Yamashiro T, Kamiya H, Miyara T, Gibo S, Ogawa K, Akamine T, et al. CT Scans of the Chest in Carriers of Human T-cell Lymphotropic Virus Type 1. Presence of Interstitial Pneumonia. Academic Radiology. 2012 August;19(8):952-7. |
| 84. | Zaki S, El-Hadidi K, Sami H, Emad Y. High-resolution CT pulmonary findings in idiopathic ankylosing spondylitis: Correlations with clinical assessment, plain chest X-ray and pulmonary function tests. APLAR Journal of Rheumatology. 2007 June;10(2):130-6. |