



Parasitic lung diseases

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Parasitic lung diseases are not uncommon and should be considered not only in people in endemic areas but also in returning travellers and immigrants. <https://bit.ly/3Dc1d1p>

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Abstract

Parasitic lung diseases are caused by a number of parasites as a result of transient passage in the lung or as a result of an immunologic reaction. The clinical presentation may be in the form of focal or cystic lesions, pleural effusion or diffuse pulmonary infiltrates. With increasing globalisation, it is important to consider parasitic infections in the differential diagnosis of lung diseases. This is particularly important since early identification and prompt therapy result in full cure of these conditions. In this review, we summarise the most common parasitic lung diseases.

Introduction

Parasitic lung diseases are selective diseases caused by a number of parasites. They may be related to the transient passage of the parasites in the lung or as a result of an immunological disease. Since parasites are usually a cause of disease among residents of developing countries, parasitic lung diseases are normally seen in these countries. However, globalisation, increased international travel and immigration may lead to the presentation of patients in well-developed countries as well [1]. In this review, we summarise the most common forms of parasitic lung diseases.

Pattern of parasitic lung disease

The most common causes of parasitic lung disease are listed in table 1. The clinical presentation of such patients may be in the form of focal or cystic lesions, coin-like, consolidation, pleural effusion, diffuse or transient pulmonary infiltrates, or alveolar or interstitial lung changes [2]. The most common routes of transmission of common pulmonary parasites are shown in figure 1. A wide range of parasites cause disease in humans and include nematodes, trematodes, cestodes and protozoa (table 1).

Parasitic eosinophilic lung disease

There are three types of parasitic eosinophilic lung disease, as shown in figure 2. These are Loeffler's syndrome, tropical eosinophilia syndrome (TES) and visceral larva migrans.

Loeffler's syndrome

The term Loeffler's syndrome denotes two different syndromes: transient eosinophilic pulmonary infiltrate and eosinophilia with endocarditis or myositis, thus causing some confusion [3]. This confusion is compounded by the subsequent classifications of the causes of Loeffler's syndrome: idiopathic, drugs or infections.



Parasitic Lung Diseases

Thomas Clifford Allbutt



Parasitic Lung Diseases:

Parasitic Diseases of the Lungs Roberto Barrios, Abida K. Haque, 2013-07-03 Diagnosis of parasitic lung diseases is often difficult as their clinical manifestations can mimic common respiratory illnesses and routine tests can fail to detect the infections Parasitic Diseases of the Lungs is designed as a practical guide for pathologists who encounter parasitic diseases of the lung in their daily routine The book comprises eight chapters After discussion of the handling of lung biopsies from patients with suspected parasitic disease individual chapters focus on Protozoa Nematoda Trematoda and Cestoda The morphologic patterns associated with various parasitic infections are then analyzed and differentiation between artifacts and parasites is discussed The final chapter is devoted to the immunocompromised patient and covers general principles of histologic evaluation parasites associated with HIV and AIDS and the features of diffuse alveolar damage **Parasitic Lung**

Diseases Adel A. Mahmoud, 1997-01-17 This indispensable resource covers the etiology and treatment of endemic and nonendemic lung infections caused by parasitic protozoa and helminths *Interstitial Lung Disease* Marvin I.

Schwarz, Talmadge E. King, 2003 *Interstitial Lung Disease* Fourth Edition is a complete publication of interstitial lung diseases and includes clinical pathologic radiologic and physiologic evaluation of the patient with ILD It provides a basic pathobiology and a complete description of individual disease entities The book covers a wide array of disorders sarcoidosis asbestosis hypersensitivity pneumonitis drug induced lung disease connective tissue disease and pulmonary vasculitis to name but a few This new edition also features an examination of future potential therapies for interstitial lung disease *Interstitial Lung Disease* is divided into three sections The Clinical Approach section provides the basis for recognizing the key features that allow a specific diagnosis to be achieved The section dedicated to Basic Mechanisms emphasizes the many advances in genetics and cellular and molecular biology that have greatly expanded our understanding of the biological processes involved in the pathogenesis of the interstitial lung diseases The third section titled Clinical Entities describes the clinical manifestations radiologic patterns histopathological features and management of the specific process **Emerging**

Respiratory Infections in the 21st Century, An Issue of Infectious Disease Clinics Alimuddin Zumla, Wing-Wai Yew, David S.C. Hui, 2010-09-28 Respiratory infections are among the most common causes of morbidity and mortality worldwide These infections present a special challenge to physicians for several reasons including of the recent disasters caused by severe acute respiratory syndrome SARS and bird and swine influenza the increase in viral and bacterial resistance to currently available anti microbial drugs the increased frequency of new viral lung infections in clinical practice and the worldwide emergence of deadly drug resistant forms of TB For these reasons it is important for infectious disease specialists to have an overview of emerging respiratory infections Permuted Medical Subject Headings National Library of Medicine (U.S.), 1996 Fishman's Pulmonary Diseases and Disorders, Fourth Edition Alfred Fishman, Jack Elias, Jay Fishman, Michael Grippi, Robert Senior, Allan Pack, 2008-04-15 A complete guide to the entire field of respiratory medicine

with all new content and a streamlined new design A Doody's Core Title for 2011 First published in 1980 Fishman's Pulmonary Diseases and Disorders is the classic reference through which pulmonary physicians have gained a commanding look at the diagnosis and treatment of pulmonary diseases and disorders Edited by the world's foremost authorities Fishman's Pulmonary Diseases and Disorders covers exactly what you need to know about lung diseases and their management including sleep disordered breathing COPD emphysema and lung cancer as well as new technological advances and imaging techniques This unparalleled two volume resource begins with a compelling overview of up to date clinical perspectives along with the scientific basis of lung function in health and disease It then provides turnkey information on everything from respiratory disease signs and symptoms to obstructive lung diseases occupational and environmental disorders and specific respiratory conditions such as infectious diseases of the lungs and acute respiratory failure New to the Fourth Edition Information on recent advancements in many clinically relevant areas of pulmonary medicine Update to the infectious diseases chapters that reflect current practice guidelines and recent antimicrobial developments Clearer connection between fundamental science concepts and clinical applications which reflect current scientific research Latest information on sleep disorders Review of recent recommendations of the American Thoracic Society and European Respiratory Society for the accurate interpretation of pulmonary function tests Appendices that include a respiratory questionnaire normal values and commonly used terms symbols

The Journal of Respiratory Diseases, 1997 **Fishman's Pulmonary Diseases and Disorders, 2-Volume Set, Sixth Edition** Michael A. Grippi, Danielle E. Antin-Ozerkis, Charles S. Dela Cruz, Robert Kotloff, Camille N. Kotton, Allan I. Pack, 2022-10-22 The definitive guide to the clinical and scientific aspects of pulmonary medicine fully updated with the latest advances in the field A Doody's Core Title for 2024 2023 Fishman's Pulmonary Diseases and Disorders delivers unparalleled coverage of pulmonary medicine With nearly 2500 illustrations 60 videos and 22 000 references this peerless two volume resource provides a comprehensive overview of the scientific basis of lung function in health and disease You'll find detailed coverage of the broad array of disorders affecting the respiratory system including obstructive and restrictive diseases pulmonary vascular disorders sleep disordered breathing lung neoplasms respiratory infections and respiratory failure In addition you'll learn about all the latest advances including molecular development of the lung stem cells and respiratory disease the genetics of pulmonary disease the growth of personalized medicine technical advances in lung transplantation and much more Notable new content in the 6th edition includes discussion of the respiratory effects of vaping detailed consideration of the idiopathic interstitial pneumonitis state of the art discussion of lung nodules a summary of the use of immunotherapy in the treatment of lung cancer COVID 19 related lung disease and its management and a comprehensive discussion of noninvasive ventilation including its use in ambulatory and ICU settings In addition new chapters on cystic lung disease lung cancer screening the lung microbiome developmental lung disorders nocardiosis and actinomycosis and application of ECMO are included A System of Medicine: Disease of

respiratory and circulatory systems Thomas Clifford Allbutt,1899 Our Domestic Animals in Health and Disease John Gamgee,1871 **The Indian Journal of Chest Diseases & Allied Sciences** ,2008 **A Treatise on the Diseases of the Sheep** John Henry Steel,1890 **Archives of Pathology and Laboratory Medicine** ,1928 International Record of Medicine and General Practice Clinics Frank Pierce Foster,1909 **A System of Medicine** ,1898 A System of Medicine Thomas Clifford Allbutt,1898 **A System of medicine, by many writers v. 6, 1899** Sir Thomas Clifford Allbutt,1898 **Veterinary Journal and Annals of Comparative Pathology** ,1889 The British Veterinary Journal ,1889 American Review of Tuberculosis and Pulmonary Diseases ,1928 Includes Abstracts section previously issued separately

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