

Titl : Thrombose veineuse profonde compliquée d'une Tuberculose pulmonaire de localisation atypique chez un immunocompétent : à propos d'un cas.

Auteurs: Dr DJILALI Ismail \_ Pr Kambouche.F \_ Pr Bentata.K

Pulmonary tuberculosis remains a major public health concern in developing countries and is associated with significant morbidity and mortality. Although uncommon, venous thromboembolism (VTE) has been increasingly recognized as a potential complication, with tuberculosis considered an independent risk factor for thrombosis. We report the case of a 47-year-old non-smoker with a history of well-controlled hypertension, admitted for a two-month history of dry cough, nocturnal fever, asthenia, night sweats, and weight loss. Clinical examination revealed signs suggestive of deep vein thrombosis (DVT) of the lower limb, including a painful, swollen, and erythematous leg with a positive Homans sign. Laboratory findings showed elevated inflammatory markers and D-dimers. Doppler ultrasound confirmed thrombosis of the left great saphenous vein. Chest imaging demonstrated bilateral pulmonary infiltrates predominantly in the left lower lobe, while CT angiography excluded pulmonary embolism. Sputum smear microscopy was positive, confirming active pulmonary tuberculosis. The patient was treated with anti-tubercular therapy adapted to hepatic and renal function, combined with curative anticoagulation for six months. Clinical, radiological, and bacteriological outcomes were favorable, leading to complete recovery. The association between tuberculosis and VTE is rare but clinically significant, likely related to systemic inflammation, endothelial dysfunction, hypercoagulability, and potential effects of antitubercular drugs such as rifampicin. This case highlights the importance of early recognition and appropriate management of thromboembolic complications in patients with tuberculosis, as well as the need for careful monitoring of drug interactions and a multidisciplinary approach to optimize patient outcomes.

Références :

- Pulmonary Tuberculosis: Up-to-Date Imaging and Management: Yeon Joo Jeong and Kyung Soo Lee.

- Pulmonary tuberculosis and venous Thromboembolism : Faouzia Kambouche \*, Labdouni Mohamed El Habib.

Irene M., Mackman N., Kriett J. et al : Prothrombotic activation of pulmonary arterial endothelial cells in patient with tuberculosis.

- La tuberculose pulmonaire de présentation atypique : H. Mitre, N. Zaghba, et al.

- Thrombose veineuse profonde révélant une tuberculose. 2006, Boukhris I., Bouzlama K., Abdallah M. et al.