ABSTRACT BOOK ABSTRACTS



A new ERA for global Dermatology 10 - 15 JUNE 2019 MILAN, ITALY

INFECTIOUS DISEASES (BACTERIAL, FUNGAL, VIRAL, PARASITIC, INFESTATIONS)

## CLINICAL OBSERVATION OF NON-TUBERCULOUS MYCOBACTERIOSIS OF THE SKIN IN A PATIENT WITH PULMONARY TUBERCULOSIS.

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Background: Non-tuberculous mycobacteria are pathogens that affect both immunocompromised and immunocompetent patients. Almost all pathogenic types of non-tuberculous mycobacteria can cause infections of the skin and soft human tissues. The development of molecular methods allows us to characterize and identify new types of non-tuberculous mycobacteria. Infections of the skin and soft tissue caused by non-tuberculous mycobacteria are underestimated and difficult to treat. Of particular interest is a combined tuberculosis infection with non-tuberculous mycobacteriosis of the skin.

Observation: Male, 28 years old, not working. No HIV antibodies detected. III with tuberculosis for 5 months. Mycobacterium tuberculosis was detected by sputum by sowing on Finn-II and Lowenstein-Jensen mediums, and isoniazid-resistant, rifampicin-kanamycin-resistant Mycobacterium tuberculosis DNA was detected by the molecular genetic method Real-Time PCR. After 2 months from the onset of the disease, on the right, in the axillary region, a group of nodular, pink-colored, dense, painless skin appeared on the right, gradually growing, at the time of examination they were a conglomerate up to 10 cm in diameter. It was done surgically excision of skin education. Histological examination of the skin biopsy revealed single giant multinuclear Pirogov-Langans cells, foci of caseous necrosis with calcinates, and acid-resistant mycobacteria were detected by microscopy with Ziehl-Nielsen staining. Sowing the surgical material in medium Middlebrook BACTEC MGIT 960BD system revealed the growth of non-tuberculous mycobacteria.

Key message: All clinical and diagnostic criteria are required to determine therapeutic tactics. Identification of non-tuberculous mycobacteria up to species and the development of methods for determining their drug sensitivity are required to build an effective therapeutic treatment.





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