Cutaneous and pulmonary paracoccidioidomycosis in a patient with a malignant visceral tumor * 
Paracoccidioidomicose cutânea disseminada e pulmonar em paciente portador de neoplasia maligna visceral

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Abstract: Paracoccidioidomycosis is a systemic mycosis caused by the fungus Paracoccidioides brasiliensis that is characterized by polymorphous clinical manifestations principally affecting the skin, mucous membranes, lungs, lymph nodes, adrenal glands and the central nervous system. Depending on the site of inoculation and the individual’s immunological status, the disease may take various different forms, affecting the skin, lymph nodes, viscera or a combination of these. The present report describes a patient with extensive cutaneous and pulmonary paracoccidioidomycosis, with disseminated papules and pustules, fever and pulmonary symptoms, probably related to immunosuppression caused by a renal carcinoma.

Keywords: Carcinoma; Immunocompromised host; Kidney neoplasms; Paracoccidioidomycosis

A 68-year old man presented with acute fever, a dry cough and disseminated papules and pustules (Figures 1 and 2). Direct examination of the skin lesion: round-shaped, multi-budding, birefringent walled yeasts. Histopathology of the skin: Suppurative granuloma, round-shaped structures compatible with Paracoccidioides sp (Figures 3 and 4). Positive serology (1:4 dilution) for Paracoccidioides (immunodiffusion – antigen gp43) . Chest x-ray: Perihilar infiltrates. Computed tomography of the abdomen: Image suggestive of renal carcinoma. Treatment was initiated with itraconazole 400 mg/day and both the patient’s general state of health and his skin lesions improved. Resection of the renal carcinoma was performed (multilocular cystic...
REFERENCES


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