ISSN: 1949-4998 Volume 13, Number 10, October 2021

Scientific Research Publishing

HEALTH

ISSN: 1949-4998

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ISSN 1949-4998 (Print) ISSN 1949-5005 (Online)
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Scientific Research Publishing

Health, 2021, 13, 1065-1169
https://www.scirp.org/journal/health
ISSN Online: 1949-5005
ISSN Print: 1949-4998

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Scientific Research Publishing

Health, 2021, 13, 1065-1070
https://www.scirp.org/journal/health
ISSN Online: 1949-5005
ISSN Print: 1949-4998

Peritoneal Histoplasmosis about a Case and Literature Review

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How to cite this paper: El Hassen, B.M., Koné, N., Mouammar, M.S. and Hachem, M.A.M. (2021) Peritoneal Histoplasmosis about a Case and Literature Review. *Health*, **13**, 1065-1070.
https://doi.org/10.4236/health.2021.1310079

Received: July 10, 2021
Accepted: October 9, 2021
Published: October 12, 2021

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Abstract

Histoplasmosis is an opportunistic granulomatous fungal infection. Peritoneal histoplasmosis (PH) is a rare form. The first case of PH was described in 1970 but this is the first case reported in Mauritania. We report the case of a 60-year-old male patient with a history of pulmonary tuberculosis, treated and declared cured, and partial epileptic seizures treated with *Carbamazepine*. Contrast computed tomography of the abdomen showed a large mass with a large intraperitoneal fluid component with a finely calcified wall in places, for which laparoscopy and biopsy were performed, identifying *Histoplasma capsulatum* infection. The subject received treatment with *amphotericin B deoxycholate* with good evolution, and outpatient management with *itraconazole*. PH is a rare entity that requires high clinical suspicion, especially in immunocompetent patients. The patient was informed that non-identifying information from the case would be submitted for publication, and he provided consent.

Keywords

Peritoneal Histoplasmosis, *Histoplasma capsulatum* var. *duboisii*, Pathological Anatomy, Mauritania

1. Introduction

Histoplasmosis caused by *Histoplasma capsulatum* var. *duboisii* (*H. duboisii*) is a profound opportunistic mycosis, endemic in Africa. The precise epidemiology of *H. duboisii* infection and its pathogenesis remains poorly understood. *Histoplasmosis* has a wide range of clinical presentations that depend primarily on

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