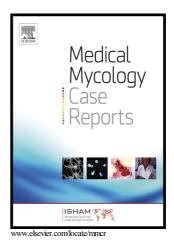
### Author's Accepted Manuscript

Tumor shape pulmonary mucormycosis associated with sinonasal aspergillosis in a diabetic patient

Sophie Point, Frédéric Gabriel, Hugues Bégueret, Jacques Jougon, Fanny Lanternier, Frédéric Grenouillet, Manal Abdel Fattah, Emilie Catherinot, Chantal Raherison, Elodie Blanchard



# PII: S2211-7539(17)30046-5 DOI: http://dx.doi.org/10.1016/j.mmcr.2017.08.001 Reference: MMCR251

To appear in: Medical Mycology Case Reports

Received date: 30 June 2017 Revised date: 31 July 2017 Accepted date: 16 August 2017

Cite this article as: Sophie Point, Frédéric Gabriel, Hugues Bégueret, Jacques Jougon, Fanny Lanternier, Frédéric Grenouillet, Manal Abdel Fattah, Emilie Catherinot, Chantal Raherison and Elodie Blanchard, Tumor shape pulmonary mucormycosis associated with sinonasal aspergillosis in a diabetic patient, *Medical Mycology Case Reports*, http://dx.doi.org/10.1016/j.mmcr.2017.08.001

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

### ACCEPTED MANUSCRIPT

## Tumor shape pulmonary mucormycosis associated with sinonasal aspergillosis in a diabetic patient

Sophie Point<sup>a</sup>, Frédéric Gabriel<sup>b</sup>, Hugues Bégueret<sup>c</sup>, Jacques Jougon<sup>d</sup>, Fanny Lanternier<sup>e</sup>, Frédéric Grenouillet<sup>f</sup>, Manal Abdel Fattah<sup>g</sup>, Emilie Catherinot<sup>h</sup> Chantal Raherison<sup>a,j</sup>, Elodie Blanchard<sup>a</sup>

<sup>a</sup> Pneumology Department, Hôpital Haut-Lévêque, CHU de Bordeaux, avenue de Magellan, 33604 Pessac, France

<sup>b</sup> Parasitology and Mycology Department, Hôpital Pellegrin, CHU de Bordeaux, place Amélie Raba Léon 33000 Bordeaux, France

<sup>c</sup> Pathology Department, Hôpital Haut-Lévêque, CHU de Bordeaux, avenue de Magellan, 33604 Pessac, France

<sup>d</sup> Thoracic Surgery Department, Hôpital Haut-Lévêque, CHU de Bordeaux, avenue de Magellan, 33604 Pessac, France

<sup>e</sup> Infectious and Tropical Disease Department, centre d'infectiologie Necker-Pasteur, 149 rue de Sèvres, 75015 Paris, France

<sup>f</sup> Parasitology and Mycology Department, CHRU Besançon, 2 boulevard Fleming, 25030 Besançon cedex, France

<sup>8</sup> Infectious and Tropical Disease Department, CHRU Nancy, rue du Morvan 54511 Vandoeuvre-les-Nancy, France

h Pneumology Department, Hôpital Foch, 40 rue Worth 92150 Suresnes, France

j INSERM U1219 Université de Bordeaux, 146 rue leo Saignat 33076 Bordeaux, France

### ARTICLE INFO

### ABSTRACT

Article history: Received Received in revised form Accepted Available online

#### Keywords:

Keyword\_1 Pulmonary Mucormycosis Keyword\_2 Sinusal Aspergillosis Keyword\_3 Fungal infection Keyword\_4 Bronchial obstruction Keyword 5 Diabetic Ketoacidocis

Abbreviations : GVH: Graft Versus Host disease BAL: Bronchoalveolar Lavage PCR: Polymerase Chain Reaction Mucormycosis is a rare and life-threatening fungal infection of the Mucorales order occurring mainly in immunosuppressed patients. The most common forms are rhinocerebral but pulmonary or disseminated forms may occur. We report the case of a 61-year-old patient in whom pulmonary mucormycosis was diagnosed during his first-ever episode of diabetic ketoacidosis. While receiving liposomal amphotericin B, a sinusal aspergillosis due to *Aspergillus fumigatus* occured. Evolution was slowly favorable under antifungal tritherapy by liposomal amphotericin B, posaconazole and caspofungin.

2012 Elsevier Ltd. All rights reserved.

\* Dr BLANCHARD Elodie. Tel.: +33557656338; fax: +335 57 65 65 47; e-mail: mailto:elodie.blanchard@chu-bordeaux.fr

Download English Version:

https://daneshyari.com/en/article/8484766

Download Persian Version:

https://daneshyari.com/article/8484766

Daneshyari.com