Author's response to reviews

Title: Pulmonary fibrosis associated with psychotropic drug therapy: a case report.

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Dear Editor

We are grateful to the reviewers for taking the time to assess our manuscript. We have revised the manuscript to reflect their suggestions. Dealing briefly with each point;

Reviewer 1

The reviewer states that "drug induced lung disease is one out of several diagnostic options". We certainly agree that this was the case when the patient first presented to our service. Furthermore, one of the difficulties inherent in making a diagnosis of drug induced pulmonary fibrosis is that it is rarely, if ever, appropriate to rechallenge a patient with the postulated causative agent. To deal with the reviewer's comments we have added to the discussion section (1st paragraph, page 5) briefly explaining why we do not think potential differential diagnoses applied to our patient.

Reviewer 2

Comment 1 - The reviewer asks if we have further objective data of disease stability other than CT. Unfortunately, because our patient initially suffered a post-operative pneumothorax and because his subsequent clinic attendance has been intermittent with a number of missed appointments, we do not have serial lung function data. However, we believe that the CT data (as demonstrated in Figure 3) combined with the clinical history is compelling in showing improvement and subsequent stability in the pulmonary fibrosis.

Comment 2 - This is a reasonable point. We have changed the term 'antipsychotic' to 'psychotropic' to reflect this.

Comment 3 - It is true that in using the word 'reversed' we were referring to
drug-induced lung disease in general, rather than drug-induced fibrosis specifically. We have changed 'reversed' to 'halted' to improve the accuracy of this statement.

Comment 4 - We have clarified the duration of our patient's therapy (Final paragraph of the case presentation, page 4).

Comment 5 - We have changed 'down' to 'due'.

Comment 6 - In our experience eosinophils are frequently seen in regions of fibrosis in drug-induced lung disease. We have however, clarified our terminology in the sentence in question in line with the reviewer's recommendation.

Comment 7 - The reviewer is correct to assume that our patient had had no previous lung imaging or lung function tests performed prior to his initial presentation and hospitalization.

We hope that you feel the changes that we have made adequately reflect the feedback received from the reviewers.

Yours faithfully

Toby Maher